

DOOR ENTRY SYSTEMS

Video and audio intercom | Access Control

 **ALCAD**



IP



Catalogue
2019





INDEX

1. FOR VILLAS	3
1.1. VIDEO DOOR ENTRY KITS	4
1.2. AUDIO DOOR ENTRY KITS	12
2. FOR BUILDINGS	20
2.1. TECHNOLOGY SUMMARY	20
2.2. IPAL SYSTEM	22
2.3. 2 WIRES SYSTEM	26
2.4. 2HCOAX SYSTEM (FORMER DIGITAL)	52
2.5. 4 + N SYSTEM	62
3. ANNEX	70
3.1. DIMENSIONS - iVANDAL entrance panels	71
3.2. DIMENSIONS - iBLACK entrance panels	72
3.3. DIMENSIONS - LÍNEA201 entrance panels	74
3.4. DIMENSIONS HANDSETS, INDOOR UNITS AND ACCESSORIES	76
3.5. CODES AND MODELS LIST	78
3.6. GENERAL TERMS OF TRADE	82

FOR VILLAS

1.1 VIDEO DOOR ENTRY KITS

NEW

		ENTRANCE PANEL	INDOOR UNIT	MODEL (Number of villas)
IPAL (pp. 6)				KIP-00300 (1V)
				KVS-31121 (1V)
2 HILOS (pp. 7)				KVS-50821 (1V) KVS-50601 (1V)
				KVS-30421 (1V) KVS-30721 (1V)
2Hcoax (pp. 10)				KVS-47201 (1V) KVD-47201 (2V) KVS-47501 (1V) KVD-47501 (2V)

TECHNOLOGY	ENTRANCE PANEL MOUNTING	ADDITIONAL ENTRANCE PANEL	NDOOR UNIT SCREEN	HANDS-FREE	IMAGE CAPTURE	INTERCOMMUNICATION	No. OF ADDITIONAL INDOOR UNITS	MAXIMUM DISTANCE WITHOUT ADDITIONAL ACCESSORIES	EXPANDABLE DISTANCE WITH ACCESSORIES	IT INCLUDES ELECTRIC LOCK
IP	FLUSH-MOUNTED / SURFACE	+0	7"	YES	YES	YES	+1	No limit	Does not apply	NO
2 WIRE	SURFACE	+0	7"	YES	YES	YES	+1	100m	NO	NO
2 WIRE	FLUSH-MOUNTED	+5	7" 3'5"	YES NO	YES NO	NO	+5	265m 545m	YES	NO YES
2 WIRE	SURFACE	+0	7"	YES	NO YES	YES	+2	180m	NO	NO
4 WIRE + COAX 4 WIRE + TWISTED PAIR	FLUSH-MOUNTED	+9	3'5"	NO	NO	NO	+3 EACH HOUSE	100m	NO	YES

1.1 VIDEO DOOR ENTRY KITS

IPAL KIT



100%
IP



APP FOR
SMARTPHONE



CODE	MODEL	DESCRIPTION
NEW 9720163	KIP-00300	IP Video Door entry kit for Villas, includes: KABI7 7" monitor with integrated Wi-Fi and RF chipsets for Home Automation, and an aluminum vandal-proof flush-mounted entrance panel with one push-button and integrated keyless RFID access control.

THE KIT INCLUDES:

- 9800160 | PDP-20011 | **IPAL SYSTEM 1 PUSH-BUTTON ENTRANCE PANEL (WITH FLUSH-MOUNTED BOX)**
- 9630074 | MVC-230 | **KABI7" WIFI WHITE IPAL INDOOR UNIT**
- 9730100 | DIV-304 | **TAP-OFF SWITCH 4 OUTPUTS IPAL SYSTEM**
- 9620023 | ALC-290 | **POWER SUPPLY 48V DC 65,3 VA 100-240 VAC**

QUANT.	CODE	MODEL	DESCRIPTION
IPAL KIT ACCESSORIES			
SECOND INDOOR UNIT			
1 unit	9630074	MVC-230	IPAL system hands-free white KABI7" indoor monitor with integrated Wifi and RF chipsets for IPAL system
1 unit	9630080	MCO-300	KABI7 indoor monitor wired alarms connector for IPAL system
1 unit	9740227	CME-020	Standard 86x86mm flushed box for MCO-300
SIMPLE ELECTRIC LOCK			
1 unit	9730062	ABR-015	Simple electric lock. 15 VDC.
1 unit	9620011	ALM-040	25 VA power supply unit, video door entry system
1 unit	9620013	ALM-080	Power supply to release electric locks with high power consumption
RECOMMENDED CABLE			
305 m	9300065	TCA-100	Category 6 solid UTP cable, LSZH
CÁMARA IP			
1 unit	9760001	CEX-200	IPAL video surveillance camera

ERLEA KIT



CODE	MODEL	DESCRIPTION
9720156	KVS-31121	ERLEA hands-free kit with 1 single pushbutton, 2-wire system with 7 inches screen indoor unit with automatic image capture when calls are unanswered and surface mount entrance panel

THE KIT INCLUDES:

- 1 PUSH-BUTTON ERLEA ENTRANCE PANEL
- ERLEA 7" INDOOR UNIT
- ERLEA DIN RAIL POWER SUPPLY UNIT

QUANT.	CODE	MODEL	DESCRIPTION
ENARA KIT ACCESSORIES			
SECOND INDOOR UNIT			
1 unit	9630077	MVC-133	Hands-free secondary Erlea 7" indoor unit
SIMPLE ELECTRIC LOCK			
1 unit	9730062	ABR-015	Simple electric lock. 15Vdc.
SIMPLE ELECTRIC LOCK FOR SECOND DOOR			
1 unit	9730062	ABR-015	Simple electric lock. 15Vdc.
1 unit	9730057	ASC-051	Selector/switch accessory with timer activated by means of external control signal. Applications: activation of devices connected to the mains (lights, sirens), second electric lock.
1 unit	9620011	ALM-040	25VA power supply unit, 12VAC y 15VDC.
1 unit	9620013	ALM-080	Power supply to release electric locks with high power consumption
CABLE RECOMENDADO			
100 m	9750002	CAB-004	Sleeved cable 2 x 0,5 mm ²

1.1 VIDEO DOOR ENTRY KITS

iBLACK KITS (flush-mounted)



CODE	MODEL	DESCRIPTION
9720151	KVS-50821	Hands-free kit with 1 single pushbutton, 2-wire system with white indoor unit with automatic image capture when calls are unanswered. iBLACK

THE KIT INCLUDES:

- 9670164 | MAN-500 | AUDIO UNIT MODULE, 2-WIRE SYSTEM. iBLACK
- 9670178 | MVN-508 | GENERIC COLOUR VIDEO UNIT MODULE, 2-WIRE. iBLACK
- 9660082 | PPS-52201 | iBLACK ENT. PANEL 1 SINGLE P.BUT., WINDOW 2 MOD.
- 9740006 | CMO-004 | FLUSH-MOUNTED BOX FOR 3 OR 4 ROWS
- 9650004 | ALS-020 | POWER SUPPLY UNIT INTERFACE, 2-WIRE SYSTEM
- 9630045 | MVC-130 | 2-WIRE HANDS-FREE 7" INDOOR UNIT
- 9630076 | SCM-151 | CONNEX. SUPPORT FREE HANDS. INDOOR UNIT 2H

CASCADE

CODE	MODEL	DESCRIPTION
9720149	KVS-50601	Kit with 1 single pushbutton, 2-wire system with Linea201 aesthetic colour indoor unit. iBLACK

THE KIT INCLUDES:

- 9670164 | MAN-500 | AUDIO UNIT MODULE, 2-WIRE SYSTEM. iBLACK
- 9670178 | MVN-508 | GENERIC COLOUR VIDEO UNIT MODULE, 2-WIRE. iBLACK
- 9660082 | PPS-52201 | iBLACK ENT. PANEL 1 SINGLE P.BUT., WINDOW 2 MOD
- 9740006 | CMO-004 | FLUSH-MOUNTED BOX FOR 3 OR 4 ROWS
- 9650004 | ALS-020 | POWER SUPPLY UNIT INTERFACE, 2-WIRE SYSTEM
- 9630043 | MVC-008 | 2-WIRE COLORED INDOOR UNIT, LINEA 201 AESTHETIC
- 9630031 | SCM-051 | INDOOR UNIT CONNECTIONS SUPPORT, 2-WIRE
- 9730062 | ABR-015 | STANDARD ELECTRIC LOCK. 15 VDC

QUANT.	CODE	MODEL	DESCRIPTION
KIT iBLACK ACCESSORIES			
SECOND 7" INDOOR UNIT			
1 unit	9630054	KMC-13000	Conjunto supletorio monitor manos libres a color. Incluye los equipos necesarios para instalar un monitor adicional modelo MVC-130 (con grabación de imagen). Tecnología 2 hilos.
SECOND ENARA INDOOR UNIT			
1 unit	9630075	MVC-140	Hands-free 4 inch 2-wire Enara indoor unit
SECOND ENTRANCE PANEL			
1 unit	9670164	MAN-500	Audio unit module, 2-wire system. Speaker and microphone
1 unit	9670178	MVN-508	Generic colour video unit module, 2-wire system
1 unit	9660082	PPS-52201	Entrance panel with 1 single pushbutton and windows for 2 entrance panel modules. iBLACK
1 unit	9740006	CMO-004	Flush-mounted box for 3 or 4 rows
1 unit	9730082	DIV-152	Splitter for 2-wire system. 2 outputs
1 unit	9730062	ABR-015	Standard electric lock. 15 VDC
SIMPLE ELECTRIC LOCK			
1 unit	9730062	ABR-015	Standard electric lock. 15 VDC
SECOND SIMPLE ELECTRIC LOCK			
1 unit	9730062	ABR-015	Standard electric lock. 15 VDC
1 unit	9730097	APX-013	Accessory to extend the functions of the audio unit, 2-wire system: "door open" function, activation of devices by means of auxiliary pushbuttons 2 and 3 of handset/indoor unit.

QUANT.	CODE	MODEL	DESCRIPTION
iBLACK KIT ACCESSORIES			
RAIN-SHIELD FOR ENTRANCE PANEL			
1 unit	9740110	VIS-112	Single rain-shield for 3 or 4 rows
SURFACE BOX + RAIN-SHIELD FOR ENTRANCE PANEL			
1 unit	9740187	CSU-512	iBLACK simple surface box for 3 or 4 rows
1 unit	9740137	VIS-212	Single rain-shield for surface box for 3 or 4 rows
ELECTRONIC CALL EXTENSION			
1 unit	9730019	AAL-200	Electronic call extension to be used on installations with electronic call
RECOMMENDED CABLE			
100 m	9750009	CAB-307	Optimized screened sleeved cable 2x1 mm2. 2-wire system

ZAMAC KIT (surface mounted)



CODE	MODEL	DESCRIPTION
9720150	KVS-30721	Hands-free kit with 1 single pushbutton, 2-wire system with white indoor unit with automatic image capture when calls are unanswered and surface entrance panel.
9720145	KVS-30421	Hands-free kit with 1 single pushbutton, 2-wire system with white indoor unit and surface entrance panel.

THE KIT INCLUDES:

- 1 PUSHBUTTON ENTRANCE PANEL
- 9630044 | MVC-126 | HANDS-FREE WHITE ENTR. PAN. 2H. CAPTU KIT
- 9630039 | SCM-160 | CONN. SUPP. HANDS-FREE IND. UNIT 2H.KIT
- 9620016 | ALC-030 | POWER SUPPLY UNIT DC 22 VA 230/240 VAC

THE KIT INCLUDES:

- 1 PUSHBUTTON ENTRANCE PANEL
- 9630041 | MVC-125 | WHITE HANDS-FREE INDOOR UNIT 2 H. KIT COL.
- 9630039 | SCM-160 | CONN. SUPP. HANDS-FREE IND. UNIT 2H.KIT
- 9620016 | ALC-030 | POWER SUPPLY UNIT DC 22 VA 230/240 VAC

QUANT.	CODE	MODEL	DESCRIPTION
ZAMAC KIT ACCESSORIES			
SECOND HANDS-FREE INDOOR UNIT (WITHOUT CAPTURE)			
1 unit	9630047	KMC-12500	Additional hands-free colour indoor unit set, 2-wire system. Includes everything necessary for the installation of an extra MVC-125 indoor unit.
1 unit	9630048	KMC-12600	Additional hands-free colour monitor set, 2-wire system. Includes everything necessary for the installation of an extra MVC-126 monitor.
SIMPLE ELECTRIC LOCK			
1 unit	9730062	ABR-015	Simple electronic lock. 15Vdc
CONNECT EXISTING AC ELECTRIC LOCK			
1 unit	9730021	ASC-050	Selector switch accessory activated by means of call, or external signal. Application: activation by the call, auxiliary pushbutton, etc. of devices connected to the mains (lights, sirens, etc.)
1 unit	9620001	ALA-040	Power supply unit 25VA, 12VAC.
ELECTRONIC CALL EXTENSION			
1 unit	9730019	AAL-200	Electronic call extension for installations with electronic call
RECOMMENDED CABLE			
100 m	9750009	CAB-307	Optimized screened sleeved cable 2x1 mm2. 2-wire system

1.1 VIDEO DOOR ENTRY KITS

4 WIRES + COAX KIT



CODE	MODEL	DESCRIPTION
9720047	KVS-47201	Digital video door entry Kit with 1 single push-button, 4 wires BUS and coaxial, with colour indoor unit.

THE KIT INCLUDES:

- ENTRANCE PANEL 4+COAXIAL 1 PUSH-BUTTON
- 9630008 | MVC-002 | DIGITAL COLOR VIDEO DES INDOOR UNIT
- 9630004 | SCM-030 | CONNEC. BRACKET FOR DIGITAL IND. UNIT COAX
- 9620015 | ALC-041 | POWER SUPPLY UNIT DC 25 VA 230/240 VAC
- 9730062 | ABR-015 | SIMPLE ELECTRIC LOCK. 15VDC
- 9740006 | CMO-004 | FLUSH-MOUNTED BOX FOR 3 OR 4 ROWS

CODE	MODEL	DESCRIPTION
9720107	KVD-47201	Video door entry Kit with 1 double pushbutton and digital system, 4 wires BUS and coaxial with colour indoor unit

THE SAME AS KVS-47201 BUT WITH TWO PUSH-BUTTON ENTRANCE PANEL, TWO INDOOR UNITS AND TWO CONNECTION SUPPORTS.

CODE	MODEL	DESCRIPTION
9720108	KVS-47501	Digital video door entry kit with 1 single push-button, 4 wires BUS and twisted pair, with colour indoor unit.

THE KIT INCLUDES:

- ENTRANCE PANEL 4+TWISTED PAIR 1 PUSH-BUTTON
- 9630008 | MVC-002 | DIGITAL COLOR VIDEO DES INDOOR UNIT
- 9630005 | SCM-040 | CONNEC. DIGITAL IND. UNIT TWISTED PAIR
- 9620015 | ALC-041 | POWER SUPPLY UNIT DC 25 VA 230/240 VAC
- 9730062 | ABR-015 | SIMPLE ELECTRIC LOCK. 15VDC
- 9740006 | CMO-004 | FLUSH-MOUNTED BOX FOR 3 OR 4 ROWS

CODE	MODEL	DESCRIPTION
9720109	KVD-47501	Digital video door entry kit with 1 double push-button, 4 wires BUS and twisted pair, with colour indoor unit.

THE SAME AS KVS-47501 BUT WITH TWO PUSH-BUTTON ENTRANCE PANEL, TWO INDOOR UNITS AND TWO CONNECTION SUPPORTS.

QUANT	CODE	MODEL	DESCRIPTION
DIGITAL KIT ACCESSORIES			
4 WIRE + COAX SECOND INDOOR UNIT			
1 unit	9630008	MVC-002	Video door entry system digital color indoor unit
1 unit	9630004	SCM-030	Connection bracket for digital indoor unit with connections
4 WIRE + TWISTED PAIR SECOND INDOOR UNIT			
1 unit	9630008	MVC-002	Video door entry system digital color indoor unit
1 unit	9630005	SCM-040	Connection bracket for digital indoor unit with connections
ADDITIONAL HANDSET			
1 unit	9600010	TED-002	Digital handset with electronic call and privacy of conversation, 2 push-buttons
CONNECT EXISTING AC ELECTRIC LOCK			
1 unit	9620001	ALA-040	Power supply unit 25VA, 12VAC

QUANT.	CODE	MODEL	DESCRIPTION
DIGITAL KIT ACCESSORIES			
ENTRANCE PANEL RAIN-SHIELD			
1 unit	9740110	VIS-112	Single rain-shield for 3 or 4 rows
SURFACE BOX + ENTRANCE PANEL RAIN-SHIELD			
1 unit	9740101	CSU-212	Simple surface box for 3 or 4 rows
1 unit	9740137	VIS-212	Single rain-shield for surface box for 3 or 4 rows
ELECTRONIC CALL EXTENSION			
1 unit	9730019	AAL-200	Electronic call extension. To be used with electronic call installations
RECOMMENDED CABLE			
100 m	9750005	CAB-007	Sleeved cable 2x1 mm ²
100 m	9100021	CE-753	ø 7 mm coaxial cable, 75 Ohm, 16 dB/100 m at 800 MHz, 30 dB/100 m at 2150 MHz, Cu/Al/Al, PVC white

UTP RANGE



UTP RANGE
Range of UTP video door entry systems for single-family homes, two-family homes, and small installations of up to 4 homes.

CODE	MODEL	DESCRIPTION
9630072	MVC-630	7" 4Wires hands-free indoor unit
9630073	MVC-640	4.3" 4Wires hands-free indoor unit
9600041	TEK-602	SUPPLEMENTARY HANDSET 2 PUSH-BUTTONS 4Wires
9800154	PDP-61111	1 push-button 4Wires entrance panel
9800155	PDP-61112	2 push-button 4Wires entrance panel
9800156	PDP-61113	3 push-button 4Wires entrance panel
9800157	PDP-61114	4 push-button 4Wires entrance panel

Note for UTP RANGE: Minimum order quantity required. Please contact us for more detailed information info@alcad.net.

FOR VILLAS

1.2 AUDIO DOOR ENTRY KITS

		ENTRANCE PANEL	HANDSET	MODEL (Number of villas)
2 _H	2 HILOS (pp. 14)			KAS-50001 (1V) KAD-50001 (2V)
	L201 KIT			KAS-47001 (1V) KAS-47021 (1V) KAD-47001 (2V)
2 _{COAX}	2Hcoax (pp. 15)			KAS-67001 (1V) KAD-67001 (2V)
	4+N (pp. 16)			KAS-41001 (1V) KAS-41021 (1V) KAD-41001 (2V) KAD-41021 (2V) KAS-41003 (3V) KAS-41004 (4V) KAD-41002 (4V) KAS-41005 (5V) KAD-41003 (6V) KAD-41004 (8V) KAD-41005 (10V) KAD-41006 (12V)

WIRING	ENTRANCE PANEL MOUNTING	ADDITIONAL ENTRANCE PANELS	N° OF ADDITIONAL HANDSETS	N° OF PUSH - BUTTON ON HANDSET	DO NOT DISTURB FUNCTION	MAXIMUM DISTANCE WITHOUT ADDITIONAL ACCESSORIES	EXPANDABLE DISTANCE WITH ACCESSORIES	IT INCLUDES ELECTRIC LOCK
2 WIRES	FLUSH-MOUNTED	+5	+5	2	YES	870m 430m	YES	YES
2 WIRES	FLUSH-MOUNTED	+9	+3 EACH VILLA	1	NO	100m	NO	YES NO YES
2 WIRES	FLUSH-MOUNTED	+9	+3 EACH VILLA	1	NO	100m	NO	YES
4 + N	FLUSH-MOUNTED	+0	+3 EACH VILLA	1	NO	100m	NO	YES NO YES NO YES YES YES YES YES YES YES YES

1.2 AUDIO DOOR ENTRY KITS

iBLACK KITS



CODE	MODEL	DESCRIPTION
9700115	KAS-50001	1 VILLA. Kit with 1 single pushbutton, 2-wire system. iBLACK

THE KIT INCLUDES:

- 9670164 | MAN-500 | **AUDIO UNIT MODULE, 2-WIRE. iBLACK.**
- 9660066 | PPS-52101 | **iBLACK ENT. PAN. 1 S. PUSH. WINDOW MODULE**
- 9740005 | CMO-002 | **FLUSH-MOUNTED BOX FOR 1 OR 2 ROWS**
- 9600034 | TET-002 | **HANDSET, 2-WIRE; 2 PUSHBUTTONS**
- 9650004 | ALS-020 | **POWER SUPPLY UNIT INTERFACE, 2-WIRE**
- 9730062 | ABR-015 | **STANDARD ELECTRIC LOCK. 15 VDC.**

CODE	MODEL	DESCRIPTION
9700116	KAD-50001	2 VILLA. Kit with 2 single push-button, 2-wire system. iBLACK.

THE KIT INCLUDES:

- 9670164 | MAN-500 | **AUDIO UNIT MODULE, 2-WIRE. iBLACK.**
- 9660067 | PPS-52102 | **iBLACK ENT. PAN. 2 S. PUSH. WINDOW MODULE**
- 9740005 | CMO-002 | **FLUSH-MOUNTED BOX FOR 1 OR 2 ROWS**
- 9600034 | TET-002 | (2 units) **HANDSET, 2-WIRE; 2 PUSHBUTTONS**
- 9730079 | DIV-061 | (2 u) **TAP-OFF 2-W 1 LOW-LOSS TAPPED OUTPUT**
- 9770052 | RVE-017 | **LINE TERMINATION LOAD. 2-WIRE SYSTEM**
- 9650004 | ALS-020 | **POWER SUPPLY UNIT INTERFACE, 2-WIRE**
- 9730062 | ABR-015 | **STANDARD ELECTRIC LOCK. 15 VDC**

QUANT.	CODE	MODEL	DESCRIPTION
iBLACK KIT ACCESSORIES			
SECOND HANDSET			
1 unit	9600034	TET-002	Handset, 2-wire system, with electronic call and complete privacy of communication; 2 pushbuttons
2 unit	9730098	DIV-261	Tap-off for scm-05x. 2 wires.
SECOND ENTRANCE PANEL			
1 unit	9670164	MAN-500	Audio unit module, 2-wire system. iBLACK. Includes speaker and microphone module.
1 unit	9660066	PPS-52101	iBLACK Entrance panel with 1 single pushbutton and window for entrance panel module.
1 unit	9740005	CMO-002	Flush-mounted box for 1 or 2 rows
1 unit	9730082	DIV-152	Splitter for 2-wire system. 2 outputs
1 unit	9730062	ABR-015	Standard electric lock. 15 VDC.
STANDARD ELECTRIC LOCK			
1 unit	9730062	ABR-015	Standard electric lock. 15 VDC.
SECOND STANDARD ELECTRIC LOCK			
1 unit	9730062	ABR-015	Standard electric lock. 15 VDC.
1 unit	9730097	APX-013	Accessory to extend the functions of the audio unit, 2-wire system: "door open" function, activation of devices by means of auxiliary pushbuttons 2 and 3 of handset/indoor unit.
RECOMMENDED CABLES			
100 m	9750009	CAB-307	Optimized screened sleeved cable 2x1 mm ² . 2-wire system
100 m	9750002	CAB-004	Sleeved cable 2 x 0,5 mm ²

2 WIRES KIT (2 Hcoax)



CODE	MODEL	DESCRIPTION
9700106	KAS-47001	1 VILLA. Digital door entry kit with 1 single pushbutton, 2-wires BUS.

THE KIT INCLUDES:

- L201 ENTRANCE PANEL 2Hcoax 1 PUSH-BUTTON
- 9600007 | TED-001 | 1 PUSH-BUTTON HANDSET 2Hcoax
- 9740005 | CMO-002 | FLUSH-MOUNTED BOX FOR 1 OR 2 ROWS
- 9620015 | ALC-041 | POWER SUPPLY UNIT DC 25 VA 230/240 VAC
- 9730062 | ABR-015 | STANDARD ELECTRIC LOCK. 15 VDC

CODE	MODEL	DESCRIPTION
9700131	KAS-47021	1 VILLA. Digital door entry kit with 1 single pushbutton. Without Electric Lock

- EQUAL TO KAS-47001 BUT WITHOUT ELECTRIC LOCK

CODE	MODEL	DESCRIPTION
9700107	KAD-47001	2 VILLAS. Digital door entry kit with 1 double pushbutton, 2-wires BUS

- EQUAL TO KAS-47001 BUT WITH 2 PUSH-BUTTON ENTRANCE PANEL AND 2 HANDSETS 9600007 TED-001

CODE	MODEL	DESCRIPTION
9700118	KAS-67001	1 VILLA. Vandal proof kit for single push-button, with 2-wire digital system

THE KIT INCLUDES:

- 2H Coax VANDAL PROOF ENTRANCE PANEL 1 PUSH-BUTTON
- METAL FLUSH-MOUNTED BOX
- 9600007 | TED-001 | (2 Ud.) | 1 PUSH-BUTT. 2H Coax HANDSET
- 9620015 | ALC-041 | POWER SUPPLY UNIT DC 25 VA 230/240 VAC
- 9730062 | ABR-015 | STANDARD ELECTRIC LOCK. 15 VDC

CODE	MODEL	DESCRIPTION
9700119	KAD-67001	2 VILLAS. Vandal proof kit with 1 double push-button, with 2-wire digital system

- EQUAL TO KAS-67001 BUT WITH 2 PUSH-BUTTON ENTRANCE PANEL AND 2 HANDSETS 9600007 TED-001

QUANT.	CODE	MODEL	DESCRIPTION
2H Coax KIT ACCESSORIES			
ADDITIONAL HANDSET			
1 unit	9600007	TED-001	Digital handset with electronic call and privacy of conversation
CONNECT EXISTING AC ELECTRIC LOCK			
1 unit	9620001	ALA-040	Power supply unit 25VA, 12VAC.

1.2 AUDIO DOOR ENTRY SYSTEMS KIT

QUANT.	CODE	MODEL	DESCRIPTION
2H Coax KIT ACCESSORIES			
STANDARD ELECTRIC			
1 unit	9730062	ABR-015	Standard electric lock. 15 VDC.
RAIN-SHIELD FOR ENTRANCE PANEL			
1 unit	9740109	VIS-111	Single rain-shield for 1 or 2 rows
SURFACE BOX + L201 ENTRANCE PANEL RAIN-SHIELD			
1 unit	9740100	CSU-211	Simple surface box for 1 or 2 rows
1 unit	9740136	VIS-211	Single rain-shield for surface box for 1 or 2 rows
CALL EXTENSION			
1 unit	9730019	AAL-200	Electronic call extension. To be used with electronic call
1 unit	9730018	AAL-120	Accessory required for the use of the electronic call extension or any other device which can be activated by means of an electronic call in installations with digital handsets.
RECOMMENDED CABLE			
100 m	9750005	CAB-007	Sleeved cable 2x1 mm ²

4+N KITS



CODE	MODEL	DESCRIPTION
9700037	KAS-41001	1 VILLA. Kit for single push-button, with 4+N call system

CODE	MODEL	DESCRIPTION
9700043	KAD-41004	8 VILLAS. Kit for 4 double push-buttons, with 4+N call system

• CONVENTIONAL L201 ENTRANCE PANEL 1 PUSH BUTTON

- 9740005 | CMO-002 | **FLUSH-MOUNTED BOX FOR 1 OR 2 ROWS**
- 9600001 | TEL-001 | **HANDSET WITH ELECTRONIC CALL**
- 9620002 | ALA-020 | **KIT POWER SUPPLY UNIT 16 VA 230/240 VAC**
- 9730000 | ABR-001 | **STANDARD ELECTRIC LOCK. 12 VAC.**

• CONVENTIONAL L201 ENTRANCE PANEL 8 PUSH BUTTON

- 9740006 | CMO-004 | **FLUSH-MOUNTED BOX FOR 3 OR 4 ROWS**
- 9600001 | TEL-001 | (8units) **HANDSET WITH ELECTRONIC CALL**
- 9620002 | ALA-020 | **KIT POWER SUPPLY UNIT 16 VA 230/240 VAC**
- 9730000 | ABR-001 | **STANDARD ELECTRIC LOCK.12 VAC.**

CODE	MODEL	DESCRIPTION
9700046	KAS-41021	1 VILLA. Kit for 1 single push-button, with 4+N call system without electronic lock

QUAL TO KAS-41001 BUT WITHOUT ELECTRIC LOCK

Until end
of stock

Until end
of stock

CODE	MODEL	DESCRIPTION
OTHER KITS		
9700040	KAD-41001	2 VILLAS. Kit for 1 double push-button, with 4+N call system
9700047	KAD-41021	2 VILLAS. Kit for 1 double push-button, with 4+N call system without electronic lock
9700038	KAS-41003	3 VILLAS. Kit for 3 single push-buttons, with 4+N call system
9700135	KAS-41004	4 VILLAS. Kit for 4 single push-buttons, with 4+N call system
9700041	KAD-41002	4 VILLAS Kit for 2 double push-buttons, with 4+N call system
9700039	KAS-41005	5 VILLAS Kit for 5 single push-buttons, with 4+N call system
9700042	KAD-41003	6 VILLAS Kit for 3 double push-buttons, with 4+N call system
9700044	KAD-41005	10 VILLAS Kit for 5 double push-buttons, with 4+N call system
9700045	KAD-41006	12 VILLAS Kit for 6 double push-buttons, with 4+N call system
9700104	KAS-42021	Kit for 6 double push-buttons, with 4+N call system
9700103	KBD-42121	Kit for 1 double push-button with interna communication between the phones, with 4+N call system without electronic lock. It includes a 4 push-buttons telephone and a surface box.

QUANT.	CODE	MODEL	DESCRIPTION
4+N KIT ACCESSORIES			
RAIN-SHIELDS			
	9740109	VIS-111	Single rain-shield for 1 or 2 rows
	9740110	VIS-112	Single rain-shield for 3 or 4 rows
	9740111	VIS-113	Single rain-shield for 5 or 6 rows
SURFACE BOX			
	9740100	CSU-211	Simple surface box for 1 or 2 rows
	9740101	CSU-212	Simple surface box for 3 or 4 rows
	9740102	CSU-213	Simple surface box for 5 or 6 rows
ELECTRONIC CALL EXTENSION			
1 Ud.	9730019	AAL-200	Electronic call extension for electronic call installations



We capture, process and bring life signals to the digital world to improve the health, safety and entertainment of people

www.alcadelectronics.com



ALCAD

change language 

search products 

In www.alcadelectronics.com enter the product you are looking for in the search ption to find all the information about it





INDEX

1. FOR VILLAS	3
1.1. VIDEO DOOR ENTRY KITS	4
1.2. AUDIO DOOR ENTRY KITS	12
2. FOR BUILDINGS	20
2.1. TECHNOLOGY SUMMARY	20
2.2. IPAL SYSTEM	22
2.3. 2 WIRES SYSTEM	26
2.4. 2HCOAX SYSTEM (FORMER DIGITAL)	52
2.5. 4 + N SYSTEM	62
3. ANNEX	70
3.1. DIMMENSIONS - iVANDAL entrance panels	71
3.2. DIMMENSIONS - iBLACK entrance panels	72
3.3. DIMMENSIONS - LÍNEA201 entrance panels	74
3.4. DIMMENSIONS HANDSETS, INDOOR UNITS AND ACCESSORIES	76
3.5. CODES AND MODELS LIST	78
3.6. GENERAL TERMS OF TRADE	82

2.1 TECHNOLOGY SUMMARY

IPAL

The IPAL system is the 100% IP intercommunication and building management system designed and made by ALCAD. Its factory custom preconfiguration makes it the simplest IP system to install on the market since it does not require additional onsite programming.

IPAL has a very flexible architecture, making it perfect for any kind of installation: large, medium, small, old and new. Allows local and remote management of calls and door lock, and advanced home automation functions configured in your KABI7 and KABI10 indoor units like: alarms triggered by wireless and wired sensors, lighting control, heating/cooling system control, curtains control, scenes control and cameras viewer. It allows integration with third party fire alarm systems too.

Thanks to its integrated Wifi chipset, KABI7 and KABI10 indoor monitors can connect directly to your internet router without additional hardware (internet connection not provided by ALCAD).

IPAL is a connected solution thanks to the free APP "IPAL by ALCAD" for Android and iOS.



REAL PLUG & PLAY



NO LIMITS



ALL-IN-ONE SECURITY SOLUTION



FREE APP WITHOUT ADDITIONAL HARDWARE



BIDIRECTIONAL VIDEO INTERCOMMUNICATION



EASY INSTALLATION



UP TO 600m AND 1500 HOUSES



WIDE PRODUCT RANGE



REUSES EXISTING WIRING



EASY INSTALLATION



GUARD UNIT (CONCIERGE)



UP TO 200M AND 950 HOUSES



STANDARD 4+N SYSTEM



MULTIPLE ACCESS WITH NO ADDITIONAL ACCESSORIES



USEFUL AND INTUITIVE

2_H

The **2-wire** video intercom system of ALCAD performs all communication through 2 non-polarized wires, through which the power supply is also distributed. Allows the reuse of existing wiring (taking only 2 wires) greatly facilitating the installation in the changes from audio door entry to video intercom. The 2-wire system has the greatest variety in entrance panels and indoor units, allowing to choose the aesthetic that best suits your needs.



2_H
coax

The **2 HILOSc coax** system is a 2-wire audio door entry system for medium-sized installations, up to 96 homes with a push-button entrance panel and up to 950 with a keypad entrance panel. The communication bus to telephones lacks polarity connection. It has central concierge that allows communication between the houses and the concierge or security guard.

4_N

The **4 + N** system has become a classic, the traditional system with years of experience and proven efficiency. But the conventional system of ALCAD goes a step further and allows the realization of buildings with multiple accesses without the need for additional elements, integrating the entrance panel exchangers inside the own phonic groups of the entrance panels.

	IPAL	2 _H	2 _H COAX	4 _N
BUILDING (Replacement using the existing wiring)		✓		✓
Small buildings	✓	✓	✓	✓
Medium size buildings	✓	✓	✓	
Large buildings	✓			
Maximum distance	No limits	600m	200m	100m
Cabling	UTP Cat5	2 wires unpolarized	2 wires unpolarized ⁽¹⁾	4+N
Number of Apartments	No limits	1500	950	200
Guard unit	YES	NO	YES	NO
Integration with iACCESS system	YES	YES	YES	YES
Communication secret	YES	YES	YES	YES or NO ⁽²⁾
Remote visitors call, door and home automation management	YES ⁽⁴⁾	NO	NO	NO
Indoor units with video and image capture	YES	YES	NO	NO
Intercommunication	YES ⁽⁵⁾	NO	NO	YES ⁽³⁾
Integration of surveillance cameras	YES	NO	NO	NO
Integration of home automation functions	YES	NO	NO	NO

- (1) The bus between entrance panel and phones lacks connection polarity. In video door entry installations the wiring is 4 wires + Coaxial.
- (2) Available conventional system with GRF and telephones with secret and conventional system with phonic group and telephones without secret.
- (3) With TIN-001 telephones and GCI-001 intercom central.
- (4) Only for the KABI7 and KABI10 indoor units, downloading the APP "IPAL by ALCAD". Requires an internet connection service for each home / office (not included in the system).
- (5) Bidirectional video and audio (indoor units: KABI7 and KABI10)



IPAL SYSTEM

Advantages



REAL PLUG & PLAY

The fastest and easiest IP installation on the market. No need for knowledge of IP networks.



NO LIMITS

Complete security solution for all types of buildings, from villas to large housing developments and towers.



ALL-IN-ONE SECURITY SOLUTION

All-in-one solution: advanced IP video intercom, home automation without cables or works, video surveillance, intrusion and fire alarm, energy management.



FREE APP WITHOUT ADDITIONAL HARDWARE

Reception of video calls and remote management of the monitor through Android and iOS free APP: "IPAL by ALCAD". Without hardware or additional hubs.



BIDIRECTIONAL VIDEO INTERCOMMUNICATION

A 1st quality IP video intercom: unique intercom system between neighbors with bidirectional video.

ENTRANCE PANELS

Touch keyboard entrance panel

Vandal proof keyboard entrance panel



INDOOR UNITS

Kabi10

Kabi7



HOME AUTOMATION ELEMENTS

Devices

Sensors

Thermostat



The IPAL system is the **100% IP** intercommunication and building management system designed and made by ALCAD. Its **factory custom preconfiguration** makes it the simplest IP system to install on the market since it does not require additional onsite programming.

IPAL has a very **flexible architecture**, making it perfect for **any kind of installation**: large, medium, small, old and new. Allows **local and remote management** of calls and door lock, and **advanced home automation functions** configured in your KABI7 and KABI10 indoor units like: alarms triggered by wireless and wired sensors, lighting control, heating/cooling system control, curtains control, scenes control and cameras viewer. It allows integration with third party fire alarm systems too.

Thanks to its **integrated Wifi chipset**, KABI7 and KABI10 indoor monitors can connect directly to your internet router without additional hardware (internet connection not provided by ALCAD).

IPAL is a **connected solution** thanks to the **free APP "IPAL by ALCAD"** for Android and iOS.

2.2 IPAL SYSTEM

NEW!

Coming soon

INDOOR UNITS



9630074



9630078

CODE	MODEL	DESCRIPTION
INDOOR UNITS		
9630074	MVC-230	White hands-free video intercom indoor unit KABI7. 7 "color screen
9630078	MVC-250	White hands-free video intercom indoor unit KABI10. 10 "color screen
9630080	MCO-300	Connector for KABI7 indoor unit
9740227	CME-020	Standard IPAL flush-mounted 86x86

ENTRANCE PANELS



9800158



9800171



9800160

CODE	MODEL	DESCRIPTION
ENTRANCE PANELS		
9800172	PDK-20001	Black capacitive IPAL Keypad entrance panel with integrated RFID reader
9800158	PDK-20002	White capacitive IPAL Keypad entrance panel with integrated RFID reader
9740228	CMO-702	Flush box for IPAL entrance panel models PDK-20001 and PDK-20002
9800171	PDK-20003	IPAL aluminum Keypad outdoor entrance panel with integrated RFID reader
9740229	CMO-703	Flush box for IPAL entrance panel model PDK-20003
9800160	PDP-20011	Vandalproof IPAL system entrance panel with 1 push-button

HOME AUTOMATION ELEMENTS

CODE	MODEL	DESCRIPTION
HOME AUTOMATION ELEMENTS		
9790000	MEC-100	IPAL wireless touch dimmer device. Allows light intensity regulation
9790001	MEC-101	IPAL system wireless simple touch switch device to control 1 bulb or similar (max 2A/switch)
9790002	MEC-102	IPAL system wireless double touch switch device to control 2 bulbs or similar (max 2A/switch)

NEW! Coming soon



9790014



9790002



9790004



9790013



9790010



9790012



9790005

CODE	MODEL	DESCRIPTION
HOME AUTOMATION ELEMENTS		
9790003	MEC-103	IPAL system wireless triple touch switch device to control 3 bulbs or similar (max 2A/switch)
9790005	MEC-200	IPAL wireless touch control mechanism for curtains, Blinds... etc. Allows connectivity with KABI indoor units
9790006	MEC-000	IPAL system Wireless scene control panel
9790004	MEC-300	IPAL system European plug. Powered up with 220VAC/50-60Hz
9790015	MEC-400	IPAL wireless SOS button device
9790014	TER-000	IPAL Wifi Boiler Thermostat
9790007	HAA-000	Wireless sensor conversion interface IPAL system
9790008	HAA-001	RF repeater and amplifier for Home Automation. IPAL system
9790016	PER-000	IPAL sos button pocket control
9790009	WSN-100	IPAL system. Wireless gas sensor
9790011	WSN-200	IPAL wireless flood sensor
9790012	WSN-300	IPAL wireless smoke sensor
9790013	WSN-400	IPAL wireless motion PIR sensor
9790010	WSN-500	IPAL wireless sensor for door/window
IP CAMERA		
9760001	CEX-200	IPAL system videosurveillance outdoor camera

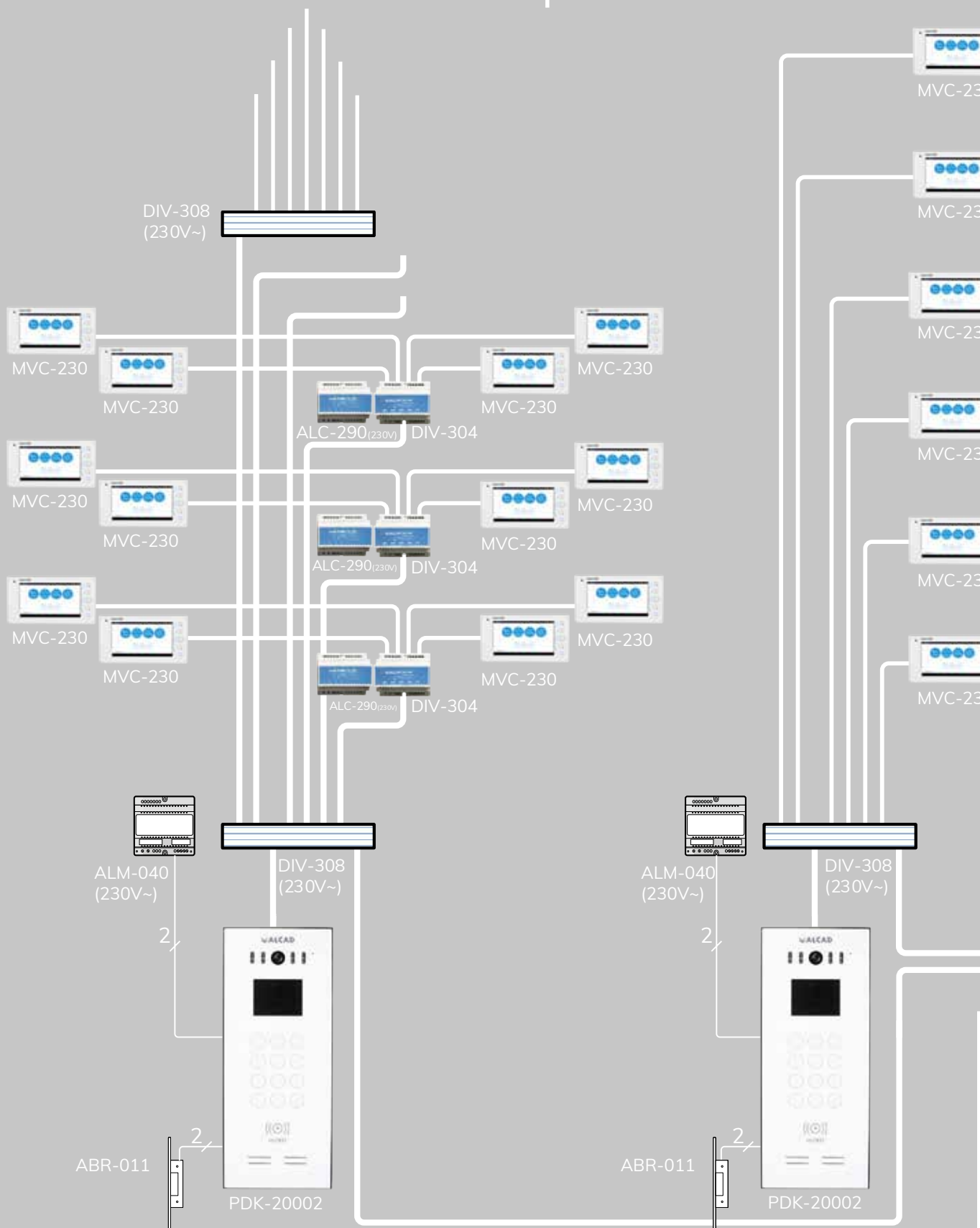
GUARD UNIT

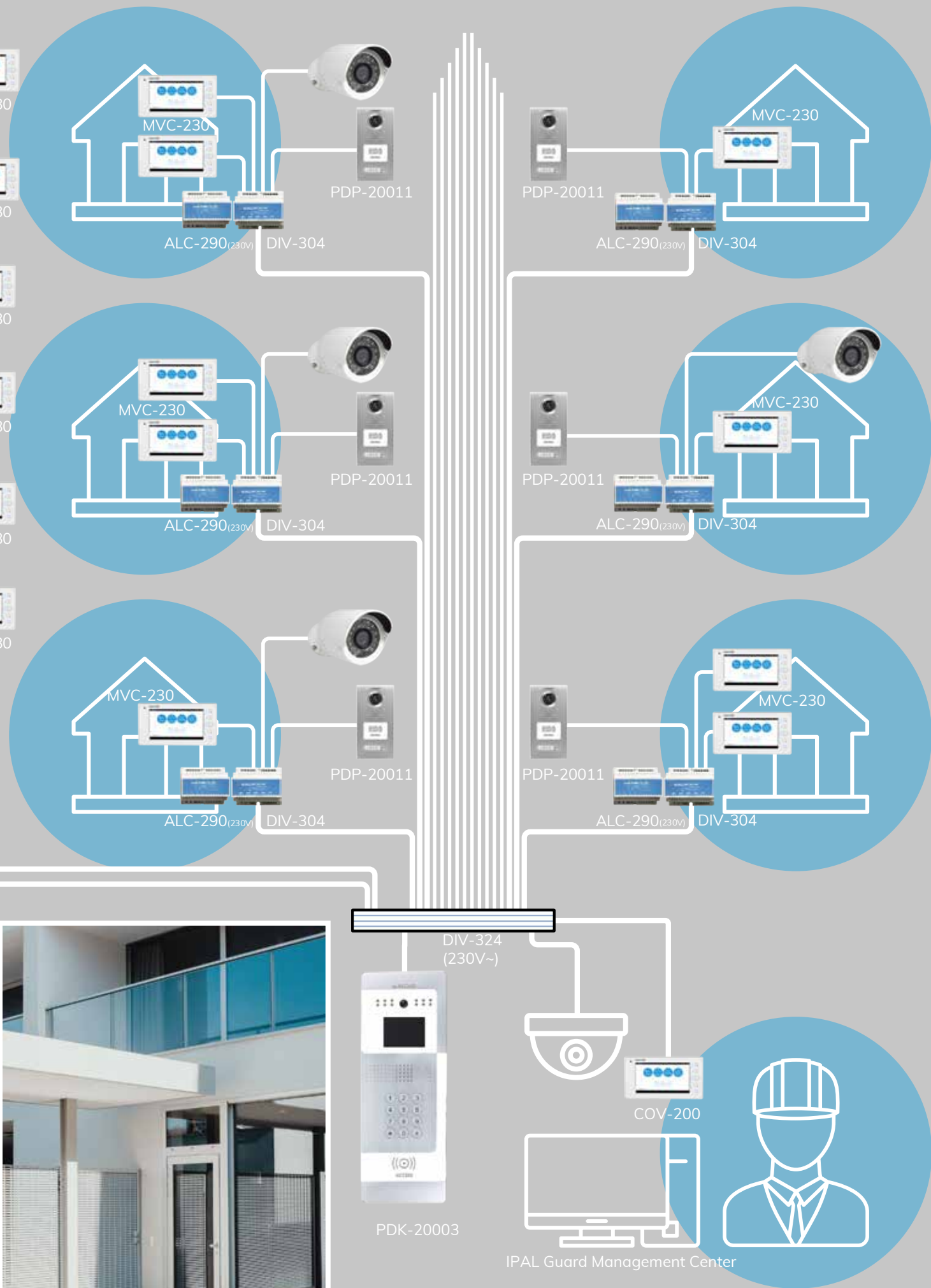
CODE	MODEL	DESCRIPTION
9680025	COV-200	IPAL 7" hands free guard unit terminal

SPLITTERS AND POWER SUPPLY UNITS

CODE	MODEL	DESCRIPTION
9730100	DIV-304	IPAL System tap-off with 4 PoE outputs + 1 down/uplink input
9730101	DIV-308	IPAL system 8 ports tap-off/Switch. 8 PoE tap-off outputs + 1 uplink
9730099	DIV-324	IPAL system 24 ports tap-off/Switch. 24 PoE tap-off outputs + 1 uplink
9620023	ALC-290	DC power supply unit, 48V dc 65.3 VA 100-240 Vac

Installation Example







2 WIRES TECHNOLOGY

Indoor units

Outdoor entrance panels

Electric locks

Power supply units

iACCESS system

Advantages



Flexible
topology



Easy
installation



Simple
programming



Image
capture

Characteristics table

Wiring	2 non-polarized wires, Flexible topology
Cable types	- Parallel 2x1mm² Alcad Optimized CAB-307 - Common Parallel (2x1mm², 2x0,5mm²...) - Twisted pair - UTP CAT5 - Replacing a doorbell (2 wires) - 4+N cable Note: Performance may vary depending on the cable used. Recommended cable: Parallel 2x1mm² Alcad Optimized CAB-307
Maximum distance outdoor entrance panel to indoor unit	600m
No. of homes	1500
Terminals Connection	2 unpolarized wires. Possibility of connection in derivation or cascade (from housing to housing)
Supply voltage	18Vcc

OUTDOOR ENTRANCE PANELS



INDOOR UNITS

Hands-free
4" Enara



Hands-free 7"



Indoor unit 3,5"
Curvo & Minimal



Handset
2 y 4 push-buttons

Enara (MVC-140)

The the most compact hands free 4" monitor with 2-wire technology of the market

The 2-wire monitor family of Alcad grows. The compact size makes the model **MVC-140 Enara** the perfect monitor for telephone **replacement** where space is limited. Its new neutral and minimalist design combines perfectly with any type of decoration in your home, from the most classic to the most vanguard.



The modern **capacitive technology** used for the touch buttons ensures a **reliable** and **long-lasting** operation, and as there are no electrical contacts or moving parts, the accumulation of dirt that affects the operation of traditional push-buttons is avoided.



-  Compatible with all of Alcad's 2-wire technology ranges: iBlack, Line 201, iVandal.
-  Configuration with tap-offs or in cascade, since it has an integrated tap-off.
-  Door opening.
-  Auxiliary button for a second door.
-  "Do not disturb" function.
-  Easy installation thanks to the plug-in terminals it has.

INDOOR UNITS



9630075



9630043



9630045



9600042

CODE	MODEL	DESCRIPTION
INDOOR UNITS AND HANDSETS		
NEW	9630075	MVC-140 Hands-free Enara monitor for 2-wire video door entry system, with 4" screen
	9630042	MVC-007 Indoor unit for 2-wire video door entry system, colour. For generic colour 2-wire video unit
	9630043	MVC-008 Video door entry indoor unit, 2-wire system, colour. For generic colour 2-wire video unit. Linea 201 aesthetic
	9630031	SCM-051 Indoor unit support, 2-wire system, with connections.B/W and Colour compatible
	9630049	MVC-009 Indoor unit for 2-wire video door entry system, colour, with automatic image capture when calls are unanswered. For generic colour 2-wire video unit
	9630051	MVC-011 Indoor unit for 2-wire video door entry system, colour, with automatic image capture when calls are unanswered. For generic colour 2-wire video unit. Linea 201 aesthetic
	9630052	SCM-052 Indoor unit support, 2-wire system, with connections for indoor units with image capture
	9630045	MVC-130 Hands-free white indoor unit for 2-wire video door entry system, colour. With automatic image capture when calls are unanswered
NEW	9630076	SCM-151 7 " hands-free monitor support, 2-wire system for derivation or cascade installations
Until end of stock	9630046	SCM-150 Hands-free monitor support, 2-wire system, with connections.
	9600034	TET-002 Handset, 2-wire system, with electronic call and complete privacy of communication; 2 pushbuttons
NEW	9600036	TET-004 Handset, 2-wire system, with electronic call and complete privacy of communication; 4 pushbuttons.
	9600042	TET-302 Handset, 2-wire system, with electronic call and complete privacy of communication; 2 pushbuttons and landing call



9730049



9730036



9730034

CODE	MODEL	DESCRIPTION
ACCESSORIES FOR INDOOR UNITS AND HANDSETS		
9730049	SSM-001	Desktop support for monitor (does not include the connection bracket for monitor)
9730035	MAE-001	Cover frame for indoor unit. Dimensions: 250x275 mm
9730036	MAE-002	Cover frame for indoor unit. Dimensions: 300x325 mm
* Made to measure. Order example: (See photo) MAE-900 (210, 260): Trim frame for indoor unit, with external width of 210 mm and height of 260 mm.		
9730034	MAE-900	Generic cover frame for indoor unit. Made to measure

2.3 2 WIRES



9730098



9730072



9730057

CODE	MODEL	DESCRIPTION
ACCESSORIES FOR INDOOR UNITS AND HANDSETS		
9730090	MAE-003	Cover frame for hands-free indoor unit. Dimensions:250x275 mm
9730089	MAE-901	Generic cover frame for indoor unit. Made to measure
9730029	SST-001	Desktop support for handset
9730092	MAE-101	Cover frame for handset. Dimensions: 125x275 mm
9730093	MAE-102	Cover frame for handset. Dimensions: 250x275 mm
9730091	MAE-902	Generic cover frame for handset. Made to measure
NEW 9730098	DIV-261	Tap-off to be integrated in SCM-05X, for 2-wire system, 1 low-loss tapped output and throughput
9730019	AAL-200	Electronic call extension. To be used with handsets and monitors in both conventional and digital systems. With digital handsets, the use of an accessory (namely, AAL-120) is required
9730072	APX-011	Accessory to extend the functions of the handset, 2-wire system: reception of landing calls, call repeater connection, etc.
Until end of stock 9730073	APX-012	Accessory to extend the functions of the audio unit, 2-wire system: "door open" function, activation of devices by means of auxiliary pushbuttons 2 and 3 of telephone/monitor.
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal. Application: activation by the call, auxiliary pushbutton, etc. of devices connected to the mains (lights, sirens, etc.)
9730057	ASC-051	Selector/switch accessory with timer activated by means of external control signal. Applications: activation of devices connected to the mains (lights, sirens), second electric lock.
9730097	APX-013	Accessory to extend the functions of the audio unit, 2-wire system: "door open" function, activation of devices by means of auxiliary pushbuttons 2 and 3 of handset/indoor unit.

Definitely, the entrance panel

2-Wire technology



Accessibility



Fast and comfortable installation

Vandal proof



Customization

Optional iACCESS



2.3 2 WIRES

NEW!

OUTDOOR ENTRANCE PANEL



9800144



9800150



9800159



9690035

CODE	MODEL	DESCRIPTION
iVANDAL ENTRANCE PANELS		
9800161	PTS-60201	Vandal proof stainless steel entrance panel with 1 push-button, camera, voice synthesizer and accessibility module
9800141	PTS-60202	Vandal proof stainless steel entrance panel with 2 push-button, camera, voice synthesizer and accessibility module
9800162	PTS-60203	Vandal proof stainless steel entrance panel with 3 push-button, camera, voice synthesizer and accessibility module
9800142	PTS-60204	Vandal proof stainless steel entrance panel with 4 push-button, camera, voice synthesizer and accessibility module
9800163	PTS-60205	Vandal proof stainless steel entrance panel with 5 push-button, camera, voice synthesizer and accessibility module
9800143	PTS-60206	Vandal proof stainless steel entrance panel with 6 push-button, camera, voice synthesizer and accessibility module
9800164	PTS-60207	Vandal proof stainless steel entrance panel with 7 push-button, camera, voice synthesizer and accessibility module
9800144	PTS-60208	Vandal proof stainless steel entrance panel with 8 push-button, camera, voice synthesizer and accessibility module
9800165	PTS-60209	Vandal proof stainless steel entrance panel with 9 push-button, camera, voice synthesizer and accessibility module
9800145	PTS-60210	Vandal proof stainless steel entrance panel with 10 push-button, camera, voice synthesizer and accessibility module
9800166	PTD-60201	Vandal proof stainless steel entrance panel with 2 push-button (1 double push-button) camera, voice synthesizer and accessibility module
9800146	PTD-60202	Vandal proof stainless steel entrance panel with 4 push-button (2 double push-button) camera, voice synthesizer and accessibility module
9800167	PTD-60203	Vandal proof stainless steel entrance panel with 6 push-button (3 double push-button) camera, voice synthesizer and accessibility module
9800147	PTD-60204	Vandal proof stainless steel entrance panel with 8 push-button (4 double push-button) camera, voice synthesizer and accessibility module
9800168	PTD-60205	Vandal proof stainless steel entrance panel with 10 push-button (5 double push-button) camera, voice synthesizer and accessibility module
9800148	PTD-60206	Vandal proof stainless steel entrance panel with 12 push-button (6 double push-button) camera, voice synthesizer and accessibility module
9800169	PTD-60207	Vandal proof stainless steel entrance panel with 14 push-button (7 double push-button) camera, voice synthesizer and accessibility module
9800149	PTD-60208	Vandal proof stainless steel entrance panel with 16 push-button (8 double push-button) camera, voice synthesizer and accessibility module
9800170	PTD-60209	Vandal proof stainless steel entrance panel with 18 push-button (9 double push-button) camera, voice synthesizer and accessibility module
9800150	PTD-60210	Vandal proof stainless steel entrance panel with 20 push-button (10 double push-button) camera, voice synthesizer and accessibility module

NEW!

CODE	MODEL	DESCRIPTION
iVANDAL ENTRANCE PANELS		
9800173	PTS-61201	1 push-button stainless steel vandal proof entrance panel extension
9800174	PTS-61202	2 simple push-button stainless steel vandal proof entrance panel extension
9800175	PTS-61203	3 simple push-button stainless steel vandal proof entrance panel extension
9800176	PTS-61204	4 simple push-button stainless steel vandal proof entrance panel extension
9800177	PTS-61205	5 simple push-button stainless steel vandal proof entrance panel extension
9800178	PTS-61206	6 simple push-button stainless steel vandal proof entrance panel extension
9800179	PTS-61207	7 simple push-button stainless steel vandal proof entrance panel extension
9800180	PTS-61208	8 simple push-button stainless steel vandal proof entrance panel extension
9800181	PTS-61209	9 simple push-button stainless steel vandal proof entrance panel extension
9800182	PTS-61210	10 simple push-button stainless steel vandal proof entrance panel extension
9800183	PTD-61201	2 push-button stainless steel vandal proof entrance panel extension (1 double push-button)
9800184	PTD-61202	4 push-button stainless steel vandal proof entrance panel extension (2 double push-button)
9800185	PTD-61203	6 push-button stainless steel vandal proof entrance panel extension (3 double push-button)
9800186	PTD-61204	8 push-button stainless steel vandal proof entrance panel extension (4 double push-button)
9800187	PTD-61205	10 push-button stainless steel vandal proof entrance panel extension (5 double push-button)
9800188	PTD-61206	12 push-button stainless steel vandal proof entrance panel extension (6 double push-button)
9800189	PTD-61207	14 push-button stainless steel vandal proof entrance panel extension (7 double push-button)
9800190	PTD-61208	16 push-button stainless steel vandal proof entrance panel extension (8 double push-button)
9800191	PTD-61209	18 push-button stainless steel vandal proof entrance panel extension (9 double push-button)
9800192	PTD-61210	20 push-button stainless steel vandal proof entrance panel extension (10 double push-button)
9800159	PNB-600	iVANDAL panel with magnetic loop
9690035	LPR-010	iVANDAL compact panel with iACCESS internal reader
9690037	LPR-002	iVANDAL compact panel for T25 format reader
9690038	CCA-004	Central post for access control by proximity. Advanced management 1 doors
9610044	GRF-302	Audio unit, 2-wire system (does not include speaker and microphone module)
9610048	GRF-304	Audio unit, 2-wire system for external entrance panels (does not include speaker and microphone module)
9800153	MLI-000	* Laser marking for writing texts on iVANDAL entrance panel

NOTE: The PTS and PTD models do not include GRF. Order GRF separately.

* If you wish to request laser marking on the entrance panel, you must order the MLI-000 supplement.

CODE	MODEL	DESCRIPTION
FLUSH-MOUNTED BOXES FOR iVANDAL ENTRANCE PANELS		
9740226	CMO-201	Flush-mounted box for iVANDAL panel, for module
9740219	CMO-202	Flush-mounted box for iVANDAL panel, for 1/2 storeys
9740220	CMO-204	Flush-mounted box for iVANDAL panel, for 3/4 storeys
9740221	CMO-206	Flush-mounted box for iVANDAL panel, for 5/6 storeys
9740222	CMO-208	Flush-mounted box for iVANDAL panel, for 7/8 storeys
9740223	CMO-210	Flush-mounted box for iVANDAL panel, for 9/10 storeys
9740225	CEM-003	Vertical separators for flush-mounted boxes for iVANDAL panels
9740230	CEM-004	Horizontal separators for flush-mounted boxes for iVANDAL panels

2.3 2 WIRES

iBLACK ENTRANCE PANELS



9800116



9800077

CODE	MODEL	DESCRIPTION
ALPHANUMERIC KEYBOARD iBLACK ENTRANCE PANEL		
9800116	PDK-51910	iBLACK entrance panel with 2-wire audio unit, generic colour video unit, TFT screen, electronic directory and keypad
9800115	PDK-54910	iBLACK entrance panel with 2-wire audio unit, generic colour video unit, TFT screen, electronic directory and keypad. For external entrance
9800079	PAK-51010	iBLACK entrance panel with 2-wire audio unit, TFT screen, electronic directory and keypad
9800082	PAK-54010	iBLACK entrance panel with 2-wire audio unit, TFT screen, electronic directory and keypad, for external entrance
9800077	PTN-50000	iBLACK entrance panel with call code-house indicator directory



9670164



9679101



9690033



9690038

CODE	MODEL	DESCRIPTION
PUSH-BUTTONS iBLACK OUTDOOR ENTRANCE PANELS: MODULES WITH AUDIO UNIT, CAMERA AND CARD HOLDER OR BLANK		
9670178	MVN-508	Generic colour video unit module, 2-wire system. iBLACK
9670164	MAN-500	Audio unit module, 2-wire system. iBLACK. Includes speaker and microphone module.
9670168	MAN-501	Audio unit module for external entrance, 2-wire system iBLACK. Includes speaker and microphone module.
9670165	MTN-500	Card-holder module. iBLACK
9670166	MLN-500	Blank module iBLACK
9670177	MPN-500	T25 module iBLACK
9690030	LPR-500	iBLACK module with iACCESS proximity reader
9679101	MVN-908	Compact panel with generic colour camera, 2-wire system. iBLACK
NEW 9690033	LPR-900	iBLACK compact panel with iACCESS reader
9690038	CCA-004	Central post for access control by proximity. Advanced management 1 doors
9800114	PNK-50000	Entrance panel with keypad for access control iBLACK



9660066



9660072



9660104



9660113

CODE	MODEL	DESCRIPTION
PUSH-BUTTONS IBLACK ENTRANCE PANELS: MODULES WITH PUSH-BUTTONS		
SIMPLE PUSH-BUTTONS AND 1 WINDOW		
9660066	PPS-52101	1 simple push-button and 1 window entrance panel
9660067	PPS-52102	2 simple push-button and 1 window entrance panel
9660068	PPS-52103	3 simple push-button and 1 window entrance panel
9660069	PPS-52104	4 simple push-button and 1 window entrance panel
9660070	PPS-52105	5 simple push-button and 1 window entrance panel
9660071	PPS-52106	6simple push-button and 1 window entrance panel
9660072	PPS-52107	7 simple push-button and 1 window entrance panel
NEW 9660073	PPS-52108	8 simple push-button and 1 window entrance panel
9660074	PPS-52109	9 simple push-button and 1 window entrance panel
9660075	PPS-52110	10 simple push-button and 1 window entrance panel
9660076	PPS-52111	11 simple push-button and 1 window entrance panel
9660077	PPS-52112	12 simple push-button and 1 window entrance panel
9660078	PPS-52113	13 simple push-button and 1 window entrance panel
9660079	PPS-52114	14 simple push-button and 1 window entrance panel
9660080	PPS-52115	15 simple push-button and 1 window entrance panel
9660081	PPS-52116	16 simple push-button and 1 window entrance panel
Double PUSH-BUTTONS AND 1 WINDOW		
9660098	PPD-52101	2 push-buttons (1 double push-button) and 1 window entrance panel
9660099	PPD-52102	4 push-buttons (2 double push-buttons) and 1 window entrance panel
9660100	PPD-52103	6 push-buttons (3 double push-buttons) and 1 window entrance panel
9660101	PPD-52104	8 push-buttons (4 double push-buttons) and 1 window entrance panel
9660102	PPD-52105	10 push-buttons (5 double push-buttons) and 1 window entrance panel
9660103	PPD-52106	12 push-buttons (6 double push-buttons) and 1 window entrance panel
9660104	PPD-52107	14 push-buttons (7 double push-buttons) and 1 window entrance panel
9660105	PPD-52108	16 push-buttons (8 double push-buttons) and 1 window entrance panel
9660106	PPD-52109	18 push-buttons (9 double push-buttons) and 1 window entrance panel
9660107	PPD-52110	20 push-buttons (10 double push-buttons) and 1 window entrance panel
9660108	PPD-52111	22 push-buttons (11 double push-buttons) and 1 window entrance panel
9660109	PPD-52112	24 push-buttons (12 double push-buttons) and 1 window entrance panel
9660110	PPD-52113	26 push-buttons (13 double push-buttons) and 1 window entrance panel
9660111	PPD-52114	28 push-buttons (14 double push-buttons) and 1 window entrance panel
9660112	PPD-52115	30 push-buttons (15 double push-buttons) and 1 window entrance panel
9660113	PPD-52116	32 push-buttons (16 double push-buttons) and 1 window entrance panel

2.3 2 WIRES



9660082



9660129



9660135

CODE	MODEL	DESCRIPTION
PUSH-BUTTONS IBLACK ENTRANCE PANELS: MODULES WITH PUSH-BUTTONS		
SIMPLE PUSH-BUTTONS AND 2 WINDOWS		
9660082	PPS-52201	1 simple push-button and 2 windows entrance panel
9660083	PPS-52202	2 simple push-buttons and 2 windows entrance panel
9660084	PPS-52203	3 simple push-buttons and 2 windows entrance panel
9660085	PPS-52204	4 simple push-buttons and 2 windows entrance panel
9660086	PPS-52205	5 simple push-buttons and 2 windows entrance panel
9660087	PPS-52206	6 simple push-buttons and 2 windows entrance panel
9660088	PPS-52207	7 simple push-buttons and 2 windows entrance panel
9660089	PPS-52208	8 simple push-buttons and 2 windows entrance panel
9660090	PPS-52209	9 simple push-buttons and 2 windows entrance panel
9660091	PPS-52210	10 simple push-buttons and 2 windows entrance panel
9660092	PPS-52211	11 simple push-buttons and 2 windows entrance panel
9660093	PPS-52212	12 simple push-buttons and 2 windows entrance panel
9660094	PPS-52213	13 simple push-buttons and 2 windows entrance panel
9660095	PPS-52214	14 simple push-buttons and 2 windows entrance panel
9660096	PPS-52215	15 simple push-buttons and 2 windows entrance panel
9660097	PPS-52216	16 simple push-buttons and 2 windows entrance panel
Double PUSH-BUTTONS AND 2 WINDOWS		
9660114	PPD-52201	2 push-buttons (1 double push-button) and 2 windows entrance panel
9660115	PPD-52202	4 push-buttons (2 double push-buttons) and 2 windows entrance panel
9660116	PPD-52203	6 push-buttons (3 double push-buttons) and 2 windows entrance panel
9660117	PPD-52204	8 push-buttons (4 double push-buttons) and 2 windows entrance panel
9660118	PPD-52205	10 push-buttons (5 double push-buttons) and 2 windows entrance panel
9660119	PPD-52206	12 push-buttons (6 double push-buttons) and 2 windows entrance panel
9660120	PPD-52207	14 push-buttons (7 double push-buttons) and 2 windows entrance panel
9660121	PPD-52208	16 push-buttons (8 double push-buttons) and 2 windows entrance panel
9660122	PPD-52209	18 push-buttons (9 double push-buttons) and 2 windows entrance panel
9660123	PPD-52210	20 push-buttons (10 double push-buttons) and 2 windows entrance panel
9660124	PPD-52211	22 push-buttons (11 double push-buttons) and 2 windows entrance panel
9660125	PPD-52212	24 push-buttons (12 double push-buttons) and 2 windows entrance panel
9660126	PPD-52213	26 push-buttons (13 double push-buttons) and 2 windows entrance panel
9660127	PPD-52214	28 push-buttons (14 double push-buttons) and 2 windows entrance panel
9660128	PPD-52215	30 push-buttons (15 double push-buttons) and 2 windows entrance panel
9660129	PPD-52216	32 push-buttons (16 double push-buttons) and 2 windows entrance panel

CODE	MODEL	DESCRIPTION
PUSH-BUTTONS iBLACK ENTRANCE PANELS: MODULES WITH PUSH-BUTTONS		
CONFIGURABLE		
9660130	PPD-52900	Entrance panel, configurable from 1 to 8 floors with window for entrance panel module. iBLACK
9660131	PPD-52901	Entrance panel, configurable from 9 to 16 floors with window for entrance panel module. iBLACK
9660132	PPD-52902	Entrance panel, configurable from 1 to 8 floors with windows for 2 entrance panel modules. iBLACK
9660133	PPD-52903	Entrance panel, configurable from 9 to 16 floors with windows for 2 entrance panel modules. iBLACK
9660134	PPD-52904	Entrance panel, configurable from 3 to 10 floors. iBLACK
9660135	PPD-52905	Entrance panel, configurable from 11 to 18 floors. iBLACK



9740010



9740004

CODE	MODEL	DESCRIPTION
FLUSH-MOUNTED BOXES FOR iBLACK ENTRANCE PANELS		
9740005	CMO-002	Flush-mounted box for 1 or 2 rows
9740006	CMO-004	Flush-mounted box for 3 or 4 rows
9740007	CMO-006	Flush-mounted box for 5 or 6 rows
9740008	CMO-008	Flush-mounted box for 7 or 8 rows
9740009	CMO-010	Flush-mounted box for 9 or 10 rows
9740010	CMO-012	Flush-mounted box for 11 or 12 rows
9740011	CMO-014	Flush-mounted box for 13 or 14 rows
9740012	CMO-016	Flush-mounted box for 15 or 16 rows
9740015	CMO-018	Flush-mounted box for 17 or 18 rows plus plus double upper module
9740004	CEM-001	Set of separators for flush-mounted box (2 items)
9740208	CEM-002	Vertical separators for flush-mounted boxes for iBLACK panels



9740195

CODE	MODEL	DESCRIPTION
iBLACK ENTRANCE PANEL EXTENSION		
9740195	MAR-511	iBLACK Panel extension for single panel, 1or 2 floors, 236x334mm
9740196	MAR-512	iBLACK Panel extension for single panel, 3or 4 floors, 236x382mm
9740197	MAR-513	iBLACK Panel extension for single panel, 5 or 6 floors, 236x430mm

2.3 2 WIRES

CODE	MODEL	DESCRIPTION
iBLACK ENTRANCE PANEL EXTENSION		
9740198	MAR-514	iBLACK Panel extension for single panel, 7 or 8 floors, 236x478mm
9740199	MAR-515	iBLACK Panel extension for single panel, 9 or 10 floors, 236x526mm
9740200	MAR-516	iBLACK Panel extension for single panel, 11 or 12 floors, 236x574mm
9740201	MAR-517	iBLACK Panel extension for single panel, 13or 14 floors, 236x622mm
9740202	MAR-518	iBLACK Panel extension for single panel, 15 or 16 floors, 236x670mm
9740203	MAR-519	iBLACK Panel extension for single panel, 17 or 18 floors, 236x718mm



9740187



9740191

CODE	MODEL	DESCRIPTION
iBLACK SURFACE BOX		
9740186	CSU-511	iBLACK simple surface box for 1 or 2 rows
9740187	CSU-512	iBLACK simple surface box for 3 or 4 rows
9740188	CSU-513	iBLACK simple surface box for 5 or 6 rows
9740189	CSU-514	iBLACK simple surface box for 7 or 8 rows
9740190	CSU-515	iBLACK simple surface box for 9 or 10 rows
9740191	CSU-516	iBLACK simple surface box for 11 or 12 rows
9740192	CSU-517	iBLACK simple surface box for 13 or 14 rows
9740193	CSU-518	iBLACK simple surface box for 15 or 16 rows
9740194	CSU-519	iBLACK simple surface box for 17 or 18 rows
9740172	CSU-000	Set of separators for surface box (2 items)

LÍNEA 201 ENTRANCE PANELS



9670183



9670184



9670186

CODE	MODEL	DESCRIPTION
LINEA 201 PUSH-BUTTON ENTRANCE PANELS: MODULES WITH AUDIO UNIT, VIDEO UNIT, CARD HOLDER OR iACCESS READER		
9670182	MAN-420	Audio unit module, 2-wire system
9670187	MVN-408	Generic colour video unit module, 2-wire system

CODE	MODEL	DESCRIPTION
LINEA 201 PUSH-BUTTON ENTRANCE PANELS: MODULES WITH AUDIO UNIT, VIDEO UNIT, CARD HOLDER OR iACCESS READER		
9670183	MDN-420	Entrance panel with MAN-420 and generic colour video unit
9670184	MDT-420	Entrance panel with MAN-420 and generic colour video unit. With iACCESS card holder
9670018	MTN-000	Entrance panel with card holder
9670021	MLN-000	Blank entrance panel
9670086	MLT-000	Entrance panel with card-holder and blank module
9670186	MVN-920	Compact panel with generic colour camera, 2-wire system
9690034	LPR-200	Entrance panel with card holder, with iACCESS proximity reader
NEW 9690038	CCA-004	Central post for access control by proximity. Advanced management 1 doors
9800006	PNK-00000	Entrance panel with keypad for access control
9800002	PTN-00000	Entrance panel with call code-house indicator directory



9660150



9660157



9660158

CODE	MODEL	DESCRIPTION
LINEA 201 PUSH-BUTTON ENTRANCE PANELS: LOWER MODULES WITH PUSH-BUTTONS		
9660146	MPS-101	Outdoor entrance panel module with 1 single push-button
9660147	MPS-102	Outdoor entrance panel module with 2 single push-buttons
9660148	MPS-104	Outdoor entrance panel module with 4 single push-buttons
9660149	MPS-106	Outdoor entrance panel module with 6 single push-buttons
9660150	MPS-108	Outdoor entrance panel module with 8 single push-buttons
9660151	MPD-102	Outdoor entrance panel module with 4 push-buttons (2 double push-buttons)
9660152	MPD-103	Outdoor entrance panel module with 6 push-buttons (3 double push-buttons)
9660153	MPD-104	Outdoor entrance panel module with 8 push-buttons (4 double push-buttons)
9660154	MPD-105	Outdoor entrance panel module with 10 push-buttons (5 double push-buttons)
9660155	MPD-106	Outdoor entrance panel module with 12 push-buttons (6 double push-buttons)
9660156	MPD-108	Outdoor entrance panel module with 16 push-buttons (8 double push-buttons)
9660157	MPD-110	Outdoor entrance panel module with 20 push-buttons (10 double push-buttons)
9660158	MPD-902	Configurable push-button entrance panel 1-8 floors
9660159	MPD-903	Configurable push-button entrance panel 9-16 floors

2.3 2 WIRES



9740010



9740004

CODE	MODEL	DESCRIPTION
FLUSH-MOUNTED BOXES FOR LINEA 201 ENTRANCE PANELS		
9740005	CMO-002	Flush-mounted box for 1 or 2 rows
9740006	CMO-004	Flush-mounted box for 3 or 4 rows
9740007	CMO-006	Flush-mounted box for 5 or 6 rows
9740008	CMO-008	Flush-mounted box for 7 or 8 rows
9740009	CMO-010	Flush-mounted box for 9 or 10 rows
9740010	CMO-012	Flush-mounted box for 11 or 12 rows
9740011	CMO-014	Flush-mounted box for 13 or 14 rows
9740012	CMO-016	Flush-mounted box for 15 or 16 rows
9740015	CMO-018	Flush-mounted box for 17 or 18 rows plus double upper module
9740004	CEM-001	Set of separators for flush-mounted box (2 items)
9740208	CEM-002	Vertical separators for flush-mounted boxes for iBLACK panels



9740047



9740001

CODE	MODEL	DESCRIPTION
MARCOS Y EMBELLECEDORES PARA PLACAS LÍNEA 201		
9740047	MAR-900	Decorative frame for single panel
9740016	MAR-901	Decorative frame for double panel
9740017	MAR-902	Decorative frame for triple panel
* Made from anodised aluminium		
* Made to measure, e.g. MAR-900 (010, 250, 390): Decorative frame for single panel, for CMO-010 flush-mounted box, external width 250 mm and external height 390 mm.		
9740001	TOP-100	Customised decorative fittings entrance panel



9740102



9740107

CODE	MODEL	DESCRIPTION
SURFACE BOX FOR LINEA 201 ENTRANCE PANEL		
9740100	CSU-211	Simple surface box for 1 or 2 rows
9740101	CSU-212	Simple surface box for 3 or 4 rows
9740102	CSU-213	Simple surface box for 5 or 6 rows
9740103	CSU-214	Simple surface box for 7 or 8 rows
9740104	CSU-215	Simple surface box for 9 or 10 rows
9740105	CSU-216	Simple surface box for 11 or 12 rows
9740106	CSU-217	Simple surface box for 13 or 14 rows
9740107	CSU-218	Simple surface box for 15 or 16 rows
9740108	CSU-219	Simple surface box for 15 or 16 rows plus double upper module
9740172	CSU-000	Set of separators for surface box (2 items)



9740163

CODE	MODEL	DESCRIPTION
ANGULAR SURFACE BOX FOR LINEA 201 ENTRANCE PANEL		
9740163	CSU-311	Angular single surface box for 1-2 rows
9740164	CSU-312	Angular single surface box for 3-4 rows
9740165	CSU-313	Angular single surface box for 5-6 rows
9740166	CSU-314	Angular single surface box for 7-8 rows
9740167	CSU-315	Angular single surface box for 9-10 rows
9740168	CSU-316	Angular single surface box for 11-12 rows
9740169	CSU-317	Angular single surface box for 13-14 rows
9740170	CSU-318	Angular single surface box for 15-16 rows
9740171	CSU-319	Angular single surface box for 15-16 rows plus double upper module

2.3 2 WIRES



9740109



9740119



9740128



9740133

CODE	MODEL	DESCRIPTION
RAIN-SHIELD FOR LINEA 201 FLUSH-MOUNTED BOXES		
SINGLE RAIN-SHIELDS		
9740109	VIS-111	Single rain-shield for 1 or 2 rows
9740110	VIS-112	Single rain-shield for 3 or 4 rows
9740111	VIS-113	Single rain-shield for 5 or 6 rows
9740112	VIS-114	Single rain-shield for 7 or 8 rows
9740113	VIS-115	Single rain-shield for 9 or 10 rows
9740114	VIS-116	Single rain-shield for 11 or 12 rows
9740115	VIS-117	Single rain-shield for 13 or 14 rows
9740116	VIS-118	Single rain-shield for 15 or 16 rows
9740117	VIS-119	Single rain-shield for 15 or 16 rows plus double upper module
DOUBLE RAIN-SHIELDS		
9740118	VIS-121	Double rain-shield for 1 or 2 rows
9740119	VIS-122	Double rain-shield for 3 or 4 rows
9740120	VIS-123	Double rain-shield for 5 or 6 rows
9740121	VIS-124	Double rain-shield for 7 or 8 rows
9740122	VIS-125	Double rain-shield for 9 or 10 rows
9740123	VIS-126	Double rain-shield for 11 or 12 rows
9740124	VIS-127	Double rain-shield for 13 or 14 rows
9740125	VIS-128	Double rain-shield for 15 or 16 rows
9740126	VIS-129	Double rain-shield for 15 or 16 rows plus double upper module
TRIPLE RAIN-SHIELDS		
9740127	VIS-131	Triple rain-shield for 1 or 2 rows
9740128	VIS-132	Triple rain-shield for 3 or 4 rows
9740129	VIS-133	Triple rain-shield for 5 or 6 rows
9740130	VIS-134	Triple rain-shield for 7 or 8 rows
9740131	VIS-135	Triple rain-shield for 9 or 10 rows
9740132	VIS-136	Triple rain-shield for 11 or 12 rows
9740133	VIS-137	Triple rain-shield for 13 or 14 rows
9740134	VIS-138	Triple rain-shield for 15 or 16 rows
9740135	VIS-139	Triple rain-shield for 15 or 16 rows plus double upper module



CODE	MODEL	DESCRIPTION
RAIN-SHIELD FOR LINEA 201 SURFACE BOXES		
SINGLE RAIN-SHIELDS		
9740136	VIS-211	Single rain-shield for surface box for 1 or 2 rows
9740137	VIS-212	Single rain-shield for surface box for 3 or 4 rows
9740138	VIS-213	Single rain-shield for surface box for 5 or 6 rows
9740139	VIS-214	Single rain-shield for surface box for 7 or 8 rows
9740140	VIS-215	Single rain-shield for surface box for 9 or 10 rows
9740141	VIS-216	Single rain-shield for surface box for 11 or 12 rows
9740142	VIS-217	Single rain-shield for surface box for 13 or 14 rows
9740143	VIS-218	Single rain-shield for surface box for 15 or 16 rows
9740144	VIS-219	Single rain-shield for surface box for 15 or 16 rows plus double upper module
DOUBLE RAIN-SHIELDS		
9740145	VIS-221	Double rain-shield for surface box for 1 or 2 rows
9740146	VIS-222	Double rain-shield for surface box for 3 or 4 rows
9740147	VIS-223	Double rain-shield for surface box for 5 or 6 rows
9740148	VIS-224	Double rain-shield for surface box for 7 or 8 rows
9740149	VIS-225	Double rain-shield for surface box for 9 or 10 rows
9740150	VIS-226	Double rain-shield for surface box for 11 or 12 rows
9740151	VIS-227	Double rain-shield for surface box for 13 or 14 rows
9740152	VIS-228	Double rain-shield for surface box for 15 or 16 rows
9740153	VIS-229	Double rain-shield for surface box for 15 or 16 rows plus double upper module
TRIPLE RAIN-SHIELDS		
9740154	VIS-231	Triple rain-shield for surface box for 1 or 2 rows
9740155	VIS-232	Triple rain-shield for surface box for 3 or 4 rows
9740156	VIS-233	Triple rain-shield for surface box for 5 or 6 rows
9740157	VIS-234	Triple rain-shield for surface box for 7 or 8 rows
9740158	VIS-235	Triple rain-shield for surface box for 9 or 10 rows
9740159	VIS-236	Triple rain-shield for surface box for 11 or 12 rows
9740160	VIS-237	Triple rain-shield for surface box for 13 or 14 rows
9740161	VIS-238	Triple rain-shield for surface box for 15 or 16 rows
9740162	VIS-239	Triple rain-shield for surface box for 15 or 16 rows plus double upper module

2.3 2 WIRES

CODE	MODEL	DESCRIPTION
ACCESSORIES FOR 2 WIRES ENTRANCE PANELS		
9730006	APC-001	Accessory that allows to activate a single electric lock from several entrance panels with independent power supply
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal. Application: activation by the call, auxiliary pushbutton, etc. of devices connected to the mains (lights, sirens, etc.)
9730097	APX-013	Accessory to extend the functions of the audio unit, 2-wire system: "door open" function, activation of devices by means of auxiliary pushbuttons 2 and 3 of handset/indoor unit.
9730086	CCV-001	Adapter to replace the entrance panel video unit by an external CCTV camera. 2-wire system

CUSTOM MADE VANDAL PROOF ENTRANCE PANEL



CODE	MODEL	DESCRIPTION
CUSTOM MADE VANDAL PROOF ENTRANCE PANELS		
9800133	PLE-003	Vandal proof entrance panel with push-buttons. 2-wire system

Those entrance panels by ALCAD are adapted to the needs of the installation, with a customized configuration both in the location of the push-buttons and in the size of the complete entrance panel; recording the name of the building on the same entrance panel is also permitted. All of them made of stainless steel.

Check with your representative to get your quote.

ELECTRIC LOCKS



9730087



9730062



9730004

CODE	MODEL	DESCRIPTION
FLUSH ELECTRIC LOCK		
9730087	ABR-021	Universal standard electric lock, compact size, with adjustable bolt. 12-18V AC/DC
9730062	ABR-015	Standard electric lock. 15 VDC
9730025	ABR-011	Standard electric lock, compact size, with adjustable bolt. 15 VDC
9730064	ABR-017	Automatic electric lock (activated by electrical impulse). 15 VDC
9730007	ABR-013	Automatic electric lock (activated by electrical impulse), compact size, with adjustable bolt. 15 VDC
9730065	ABR-018	Automatic electric lock (activated by electrical impulse) with manual release. 15 VDC
9730008	ABR-014	Automatic electric lock (activated by electrical impulse), compact size, with manual release and adjustable bolt. 15 VDC
9730085	ABR-019	Fail safe electric lock, compact size, with adjustable bolt. 15 VDC. without connexion polarity

ELECTROMAGNETIC LOCK		
9730076	VEN-003	Electromagnetic door lock, 300 Kg. For overlapping 12 / 24 VDC
9730077	VEN-005	Electromagnetic door lock, 500 Kg. For overlapping 12 / 24 VDC

CODE	MODEL	DESCRIPTION
ELECTRIC LOCKS ACCESSORIES		
9730004	CNP-001	Door contact
9730033	ESC-010	Large shield for electric locks
9620001	ALA-040	25 VA power supply unit, electronic door entry system
9620011	ALM-040	25 VA power supply unit, video door entry system
9620013	ALM-080	Power supply to release electric locks with high power consumption
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal. Application: activation by the call, auxiliary pushbutton, etc. of devices connected to the mains (lights, sirens, etc.)

POWER SUPPLY UNITS, SPLITTERS AND REGENERATORS



9650004



9730079



9650022



9750009



9750005

CODE	MODEL	DESCRIPTION
FLUSH ELECTRIC LOCK		
9650004	ALS-020	Power supply unit interface, 2-wire system
9730079	DIV-061	Tap-off for 2-wire system, 1 low-loss tapped output and highloss throughput
9730080	DIV-064	Tap-off for 2-wire system, 4 low-loss tapped output and highloss throughput
9730082	DIV-152	Splitter for 2-wire system. 2 outputs
9730071	DIV-154	Splitter for 2-wire system. 4 outputs
9770052	RVE-017	Line termination load. 2-wire system
9730084	DIV-041	Entrance panel tap-off
9650022	REG-054	Audio and video signal amplifier. 2-wire system
9650013	REG-050	BUS voltage regenerator. 2-wire system
9650021	REG-053	Upward audio signal amplifier. 2-wire system
9650025	GCO-001	Control unit for building

RECOMMENDED CABLE

9750009	CAB-307	Optimized screened sleeved cable 2x1 mm2. 2-wire system
9750010	CAB-357	Optimized screened sleeved cable 2x1 mm2. 500m 2-wire system

CABLE USED FOR SMALL FACILITIES

9750005	CAB-007	Sleeved cable 2x1 mm ² (100m rolls)
9750002	CAB-004	Sleeved cable 2 x 0,5 mm ² . (100m rolls)
9750000	CAB-032	Sleeved cable 6 x 0,25 mm ²
9750001	CAB-052	Sleeved cable 10 x 0,25 mm ²
9750003	CAB-034	Sleeved cable 6 x 0,5 mm ²
9750006	CAB-117	Sleeved cable 4x1 mm ² and coaxial

2.3 2 WIRES

iACCESS SYSTEM



iACCESS is an access control system through proximity readers integrated in our entrance panels, which allows access to the facilities by using **electronic keys**, avoiding the use of traditional keys or memorizing access codes.

The card allows the residents entrance control to the different points of a building or an housing development by giving total or partial **permits**. The system allows the creation of activated keys only temporarily, for example for the summer months (pool cleaners, lifeguards), or only for specific times (gardeners can only access with their electronic key in the morning).

The system allows the configuration of those options, the creation of new keys for new users, the cancellation of lost keys, and many more configuration options in a **simple and fast** way. The control of all these possibilities, is possible thanks to our accessible iACCESS WEB application at www.alcad.net/iaccess .

The system provides **comfort** for the residents, as well as advantages in **security and control** of the people who access to the facilities of the building from property managers, thanks to a better access management of the service providers (workers, counting of accountants, postman, etc.) to the different common parts of the buildings (main door, technical premises, roof, terraces, etc.).





9690010



9690038



9690035



9690033



9690001

CODE	MODEL	DESCRIPTION
RFID ACCESS CONTROL BASED IN PROXIMITY		
9690010	PLO-000	USB programmer for electronic proximity keys
9690038	CCA-004	Central post for access control by proximity. Advanced management 1 door
9620011	ALM-040	25 VA power supply unit, video door entry system
9620013	ALM-080	Power supply to release electric locks with high power consumption
9690035	LPR-010	iVANDAL compact panel with iACCESS RFID integrated antenna
9690033	LPR-900	iBLACK compact panel with iACCESS reader
9770054	RVE-018	Accessory to supply power to equipment. 2-wire system
9690018	LAC-020	Set of 5 electronic proximity keys for residents iAccess numbers 0, 1, 2, 3 and 4. Key-fob format yellow (formerly yellow, red, green, blue and grey)
9690001	LAC-000	Electronic proximity key for residents iAccess number 0. 10 units
9690002	LAC-001	Electronic proximity key for residents iAccess number 1. Key-fob format. 10 units
9690003	LAC-002	Electronic proximity key for residents iAccess number 2. 10 units
9690004	LAC-003	Electronic proximity key for residents iAccess number 3. Key-fob format. 10 units
9690005	LAC-004	Electronic proximity key for residents iAccess number 4. Key-fob format. 10 units
9690006	LAC-005	Electronic proximity key for residents iAccess number 5. Key-fob format. 10 units
9690012	LAC-006	Electronic proximity key for residents iAccess number 6. Key-fob format. 10 units
9690013	LAC-007	Electronic proximity key for residents iAccess number 7. Key-fob format. 10 units
9690014	LAC-008	Electronic proximity key for residents iAccess number 8. Key-fob format. 10 units
9690015	LAC-009	Electronic proximity key for residents iAccess number 9. Key-fob format. 10 units
9690016	LAC-010	iAccess electronic proximity key for configuration of central post. Key-fob format, letter C
9690017	LAC-011	iAccess electronic proximity key for access to multiple installations. Key-fob format, letter M
LONG-RANGE RFID ACCESS CONTROL		
9690022	CCA-200	RF access control central unit at 868,35 MHz
9690023	TLM-002	RF and proximity remote control, 2 push-buttons, 868,35 MHz & Mifare
9690026	TLM-004	RF and proximity remote control, 4 push-buttons, 868,35 MHz & Mifare
9690029	EXP-201	Expasion card with relay for additional function in RF central unit



9690023



9690022

2.3 2 WIRES

Línea201 - Special entrance panels

Please contact your sales agent for further information or request

MPD-902 ENTRANCE PANELS (from 1 to 8 floors in single and double entrance panels)

- A:** code (9660158)
B: model (MPD-902)
C: S -single push-buttons D-double push-buttons
D: entrance panel height from 001 to 008
E: push-buttons to remove (1,2,3I,4D...)
F: YES-with iACCESS reader; NO-without iACCESS reader

Note: If F is not indicated, it is understood that you want without iACCESS reader

e.g. 1: 9660158 MPD-902(S-004,1,2, NO)

A	B	C	D	E	F
9660158	MPD-902	S	-004	1,2	NO

e.g. 2: 9660158 MPD-902(D-004,1D,2D,3D,4D,YES)

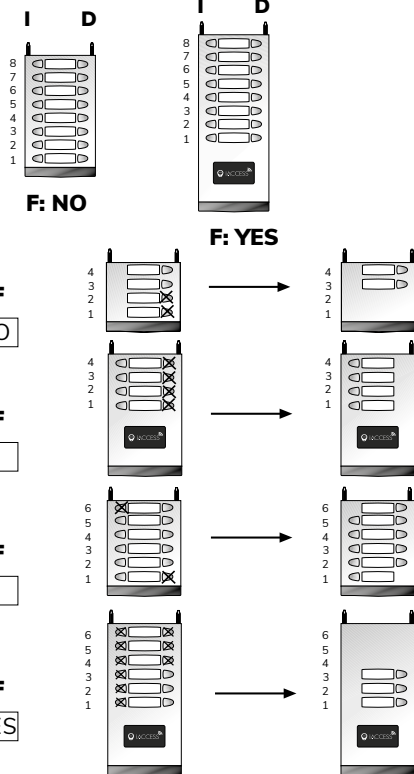
A	B	C	D	E	F
9660158	MPD-902	D	-004	1D,2D,3D,4D	SI

e.g. 3: 9660158 MPD-902(D-006,1D,6I)

A	B	C	D	E	F
9660158	MPD-902	D	-006	1D,6I	

e.g. 4: 9660158 MPD-902(D-006,1I,2I,3I,4,5,6,YES)

A	B	C	D	E	F
9660158	MPD-902	D	-006	1I,2I,3I,4,5,6	YES



MPD-903 ENTRANCE PANELS (from 9 to 16 heights in single and double entrance panels)

- A:** code (9660159)
B: model (MPD-903)
C: S -single push-buttons D-double push-buttons
D: entrance panel height from 009 to 016 (from 009 to 012 if F=YES)
E: push-buttons to remove (1,2,3I,4D...)
F: YES-with iACCESS reader; NO-without iACCESS reader

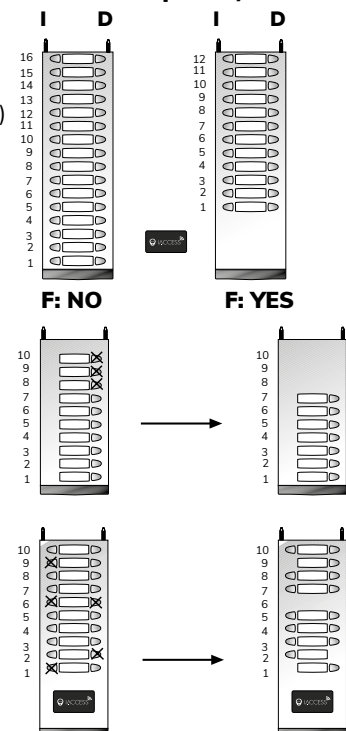
Note: If F is not indicated, it is understood that you want without iACCESS reader

e.g. 1: 9660159 MPD-903(S-010,8,9,10)

A	B	C	D	E	F
9660159	MPD-903	S	-010	8,9,10	

e.g. 2: 9660159 MPD-903(D-010,1I,2D,6,9I,YES)

A	B	C	D	E	F
9660159	MPD-903	D	-010	1I,2D,6,9I	YES



www.alcadelectronics.com

We capture, process and bring life signals to the digital world to improve the health, safety and entertainment of people, by designing, manufacturing and marketing European quality products and technological systems.





2 HILOscoax TECHNOLOGY (former DIGITAL)

Indoor units

Guard unit

Outdoor entrance panels

Electric locks

Power supply units and splitters

iACCESS system

Advantages



Easy
installation



Guard unit



Up to 200m and
950 homes

Characteristics table

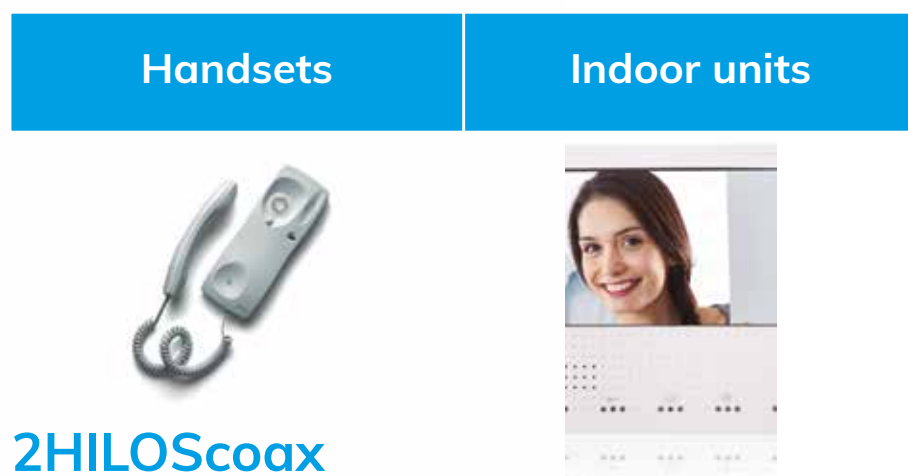
Wiring	2 non-polarized wires, Flexible topology ⁽¹⁾
Cable types	- Parallel 2x1mm² (For distances up to 100m) - Parallel 2x2,5mm² (for maximum distances from 100m to 200m)
Maximum distance outdoor entrance panel to indoor unit	200m
No of homes	950
Terminals Connection	2 non-polarized wires. Possibility of connection in derivation or cascade (from housing to housing) ⁽²⁾
Supply voltage	15Vcc

- (1) The bus between entrance panel and telephones lacks connection polarity. In video door entry system installations the wiring is 4 wires + Coaxial
- (2) In the case of video door entry system terminals, are 4 wires + Coaxial

ENTRANCE PANELS



INDOOR UNITS



2HILOSCOAX

INDOOR UNITS



CODE	MODEL	DESCRIPTION
INDOOR UNITS AND HANDSETS		
9600007	TED-001	Digital handset with electronic call and privacy of conversation
9600010	TED-002	Digital handset with electronic call and privacy of conversation, 2 push-buttons
9730060	APX-001	Kit which lets you add two extra push-buttons to the handset. L201
9630008	MVC-002	Digital colour video indoor unit
9630004	SCM-030	Connection bracket for digital indoor unit with connections

2.4 2Hcoax

INDOOR UNITS



9730049



9730036



9730019



9730021



9730060

CODE	MODEL	DESCRIPTION
ACCESSORIES FOR INDOOR UNITS AND HANDSETS		
9730049	SSM-001	Desktop support for monitor (does not include the connection bracket for monitor)
9730035	MAE-001	Cover frame for indoor unit. Dimensions: 250x275 mm
9730036	MAE-002	Cover frame for indoor unit. Dimensions: 300x325 mm
* Made to measure, e.g. MAE-900 (210, 260): decorative frame for indoor unit, with external width of 210mm and height of 260mm		
9730034	MAE-900	Generic cover frame for indoor unit. Made to measure
9730090	MAE-003	Cover frame for hands-free indoor unit. Dimensions: 250x275 mm
9730089	MAE-901	Generic cover frame for indoor unit. Made to measure
9730029	SST-001	Desktop support for handset
9730092	MAE-101	Cover frame for handset. Dimensions: 125x275 mm
9730093	MAE-102	Cover frame for handset. Dimensions: 250x275 mm
9730091	MAE-902	Generic cover frame for handset. Made to measure
9730019	AAL-200	Electronic call extension
9730018	AAL-120	Accessory required for the use of the electronic call extension or any other device which can be activated by means of an electronic call in installations with digital handsets.
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal. Application: activation by the call, auxiliary pushbutton, etc. of devices connected to the mains (lights, sirens, etc.)
9730060	APX-001	Kit which lets you add two extra push-buttons to the handset. L201
9730061	AAL-130	Accessory for receiving calls on a landing handset

GUARD UNIT



9800012



9680008



9680015

CODE	MODEL	DESCRIPTION
INDOOR UNITS AND HANDSETS		
9800012	PAK-03020	Guard unit panel with digital audio unit, numeric display and numeric keypad
9680008	TCD-001	Handset for digital guard unit system with electronic call and privacy of conversation
9680015	MCC-002	Indoor unit for guard unit system, colour
9680016	SCC-030	Indoor unit connection bracket for digital guard unit system with connections for coaxial cable



9730054



9740008



9730021



9730023

CODE	MODEL	DESCRIPTION
ACCESSORIES FOR GUARD UNIT		
9730054	SSC-001	Desktop support for digital guard unit system with handset
9730056	SSC-002	Desktop support for digital guard unit system with indoor unit
9740008	CMO-008	Flush-mounted box for 7 or 8 rows
9740103	CSU-214	Simple surface box for 7 or 8 rows
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal. Application: activation by the call, auxiliary pushbutton, etc. of devices connected to the mains (lights, sirens, etc.)
9730023	ASC-001	Switch selector accessory activated by means of external control signal. Applications: seeing images from a second camera, activating a second electric lock by means of an auxiliary button, etc

OUTDOOR ENTRANCE PANELS (LÍNEA 201)



9800033



9800036



9800002

CODE	MODEL	DESCRIPTION
KEYBOARD		
9800033	PAK-41000	Entrance panel with digital audio unit, numerical display and numerical keypad
9800037	PAK-42000	Entrance panel with digital audio unit, numeric display and numeric keypad for installations with guard unit system
9800038	PAK-44000	Entrance panel with digital audio unit, numeric display and numeric keypad for external entrance in installations with guard unit system
9800036	PDK-41500	Entrance panel with digital audio unit, generic colour video unit for coaxial cable, numeric display and numeric keypad
9800041	PDK-42500	Entrance panel with digital audio unit, generic colour video unit for coaxial cable, numerical display and numerical keypad in installations with guard unit system.
9800042	PDK-44500	Entrance panel with digital audio unit, generic colour video unit for coaxial cable, numeric display and numeric keypad for external entrance in installations with guard unit system
9800002	PTN-00000	Entrance panel with call code-house indicator directory

2.4 2Hcoax

OUTDOOR ENTRANCE PANELS (LÍNEA 201)



9670144



9670153



9660001



9660050

CODE	MODEL	DESCRIPTION
LÍNEA 201 PUSH-BUTTONS ENTRANCE PANELS: MODULES WITH AUDIO UNIT, TELECAMERA...		
9670144	MAN-470	Entrance panel with digital audio group
9670146	MCN-470	Entrance panel with digital audio group. Blank module
9670145	MMN-470	Entrance panel with digital audio group. With card-holder
9670018	MTN-000	Entrance panel with card holder
9690034	LPR-200	Entrance panel with card holder, with iACCESS proximity reader. L201
9670086	MLT-000	Entrance panel with card-holder and blank module
9670045	MVN-302	Entrance panel with generic colour video unit coaxial
NEW 9670107	MVN-905	Compact entrance panel generic colour video unit
9670153	MDN-472	Entrance panel with MAN-470 and generic colour video unit coaxial
9670154	MDT-472	Entrance panel with MAN-470 and generic colour video unit coaxial. With card holder
9730030	COL-000	Concentrator of 16 calls for digital electronic door entry systems
9730068	AIB-010	Estate identifying accessory (not equipped with concentrator of calls)
LÍNEA 201 PUSH-BUTTONS ENTRANCE PANELS: LOWER MODULES WITH PUSH-BUTTONS		
9660014	MPS-001	Entrance panel module with 1 single push-button
9660015	MPS-002	Entrance panel module with 2 single push-buttons
9660000	MPS-003	Entrance panel module with 3 single push-buttons
9660001	MPS-004	Entrance panel module with 4 single push-buttons
9660002	MPS-005	Entrance panel module with 5 single push-buttons
9660003	MPS-006	Entrance panel module with 6 single push-buttons
9660004	MPS-007	Entrance panel module with 7 single push-buttons
9660005	MPS-008	Entrance panel module with 8 single push-buttons
9660006	MPS-009	Entrance panel module with 9 single push-buttons
9660007	MPS-010	Entrance panel module with 10 single push-buttons
9660008	MPS-011	Entrance panel module with 11 single push-buttons
9660009	MPS-012	Entrance panel module with 12 single push-buttons
9660010	MPS-013	Entrance panel module with 13 single push-buttons
9660011	MPS-014	Entrance panel module with 14 single push-buttons
9660012	MPS-015	Entrance panel module with 15 single push-buttons
9660013	MPS-016	Entrance panel module with 16 single push-buttons
9660048	MPD-001	Entrance panel module with 2 push-buttons (1 double push-button)
9660049	MPD-002	Entrance panel module with 4 push-buttons (2 double push-button)
9660050	MPD-003	Entrance panel module with 6 push-buttons (3 double push-button)



9660054



9660062

CODE	MODEL	DESCRIPTION
LÍNEA 201 PUSH-BUTTONS ENTRANCE PANELS: LOWER MODULES WITH PUSH-BUTTONS		
9660051	MPD-004	Entrance panel module with 8 push-buttons (4 double push-button)
9660052	MPD-005	Entrance panel module with 10 push-buttons (5 double push-button)
9660053	MPD-006	Entrance panel module with 12 push-buttons (6 double push-button)
9660054	MPD-007	Entrance panel module with 14 push-buttons (7 double push-button)
9660055	MPD-008	Entrance panel module with 16 push-buttons (8 double push-button)
9660056	MPD-009	Entrance panel module with 18 push-buttons (9 double push-button)
9660057	MPD-010	Entrance panel module with 20 push-buttons (10 double push-button)
9660058	MPD-011	Entrance panel module with 22 push-buttons (11 double push-button)
9660059	MPD-012	Entrance panel module with 24 push-buttons (12 double push-button)
9660060	MPD-013	Entrance panel module with 26 push-buttons (13 double push-button)
9660061	MPD-014	Entrance panel module with 28 push-buttons (14 double push-button)
9660062	MPD-015	Entrance panel module with 30 push-buttons (15 double push-button)
9660063	MPD-016	Entrance panel module with 32 push-buttons (16 double push-button)
9660064	MPD-900	Configurable push-button entrance panel 1-8 floors
9660065	MPD-901	Configurable push-button entrance panel 9-16 floors

FLUSH-MOUNTED BOXES FOR LÍNEA 201 ENTRANCE PANELS



9740006



9740010

CODE	MODEL	DESCRIPTION
FLUSH-MOUNTED BOXES		
9740005	CMO-002	Flush-mounted box for 1 or 2 rows
9740006	CMO-004	Flush-mounted box for 3 or 4 rows
9740007	CMO-006	Flush-mounted box for 5 or 6 rows
9740008	CMO-008	Flush-mounted box for 7 or 8 rows
9740009	CMO-010	Flush-mounted box for 9 or 10 rows
9740010	CMO-012	Flush-mounted box for 11 or 12 rows
9740011	CMO-014	Flush-mounted box for 13 or 14 rows

2.4 2Hcoax

FLUSH-MOUNTED BOXES FOR LÍNEA 201 ENTRANCE PANELS

CODE	MODEL	DESCRIPTION
FLUSH-MOUNTED BOXES		
9740012	CMO-016	Flush-mounted box for 15 or 16 rows
9740015	CMO-018	Flush-mounted box for 17 or 18 rows plus double upper module
9740004	CEM-001	Set of separators for flush-mounted box (2 items)
* Note: surface boxes, rain shields, decorative frame: check "Línea 201 entrance panels" on page 55		

ACCESSORIES FOR 2 HILOScoax ENTRANCE PANELS

CODE	MODEL	DESCRIPTION
ACCESSORIES		
9730006	APC-001	Accessory that allows to activate a single electric lock from several entrance panels with independent power supply
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal. Application: activation by the call, auxiliary pushbutton, etc. of devices connected to the mains (lights, sirens, etc.)
9730057	ASC-051	Selector/switch accessory with timer activated by means of external control signal. Applications: activation of devices connected to the mains (lights, sirens), second electric lock.
9730023	ASC-001	Switch selector accessory activated by means of external control signal. Applications: seeing images from a second camera, activating a second electric lock by means of an auxiliary button, etc
9730030	COL-000	Concentrator of 16 calls for digital electronic door entry systems
9730068	AIB-010	Estate identifying accessory (not equipped with concentrator of calls)

VANDAL PROOF ENTRANCE PANELS

ALCAD has a range of vandal proof entrance panels for buildings of up to 950 50 villas. Manufactured in maximum quality stainless steel AISI-316L, with a thickness of 2.5mm that allows it to resist to any humid and saline environment.

VANDAL PROOF ENTRANCE PANELS		
9800071	PAK-61000	Vandal proof entrance panel with digital audio unit, numerical display and numerical keypad
9800073	PTN-60000	Vandal proof entrance panel with call code-house indicator directory

CUSTOM MADE ENTRANCE PANELS

ALCAD has street entrance panels adapted to the needs of its installation, with a customized configuration both in the location of the buttons and in the size of the entrance panel. Optionally, it's possible to record the name of the building on the entrance panel. All of them are made of stainless steel.

Check with your sales representative to get your quote.



CUSTOM MADE VANDAL PROOF ENTRANCE PANELS		
9800132	PLE-002	Vandal proof entrance panel with push-buttons. Custom made. 2Hcoax system

ELECTRIC LOCK

CODE	MODEL	DESCRIPTION
FLUSH ELECTRIC LOCK		
9730087	ABR-021	Universal standard electric lock, compact size, with adjustable bolt. 12-18V AC/DC
9730062	ABR-015	Standard electric lock. 15 VDC
9730025	ABR-011	Standard electric lock, compact size, with adjustable bolt. 15 VDC
9730064	ABR-017	Automatic electric lock (activated by electrical impulse). 15 VDC
9730007	ABR-013	Automatic electric lock (activated by electrical impulse), compact size, with adjustable bolt. 15 VDC
9730065	ABR-018	Automatic electric lock (activated by electrical impulse) with manual release. 15 VDC
9730008	ABR-014	Automatic electric lock (activated by electrical impulse), compact size, with manual release and adjustable bolt. 15 VDC
9730085	ABR-019	Fail safe electric lock, compact size, with adjustable bolt. 15 VDC. without connexion

CODE	MODEL	DESCRIPTION
ELECTROMAGNETIC LOCKS		
9730076	VEN-003	Electromagnetic door lock, 300 Kg. For overlapping 12 / 24 VDC
9730077	VEN-005	Electromagnetic door lock, 500 Kg. For overlapping 12 / 24 VDC
ELECTRIC LOCKS ACCESSORIES		
9730004	CNP-001	Door contact
9730033	ESC-010	Large shield for electric locks
9620001	ALA-040	25 VA power supply unit, electronic door entry system
9620011	ALM-040	25 VA power supply unit, video door entry system
9620013	ALM-080	Power supply to release electric locks with high power consumption
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal. Application: activation by the call, auxiliary pushbutton, etc. of devices connected to the mains (lights, sirens, etc.)

POWER SUPPLY UNITS AND SPLITTERS

CODE	MODEL	DESCRIPTION
POWER SUPPLY UNITS AND SPLITTERS		
9620014	ALC-070	Power supply 15VDC 3A
9620011	ALM-040	Power supply 25 VA, 12VAC y 15VDC
9620013	ALM-080	Power supply to release electric locks with high power consumption
9620001	ALA-040	Power supply 25 VA, 12VAC
9730055	AIB-001	Accesory for digital installations with keypad in buildings with more than 150 villas
9650001	GCI-001	Control unit for AIB-001 in video intercom installations or with guard unit
9730031	DIV-024	Amplified video tap-off for coaxial cable with screw terminal. 4 outputs
9730032	DIV-124	Amplified video splitter for coaxial cable with screw terminal. 4 outputs
RECOMMENDED CABLE		
9750005	CAB-007	Sleeved cable 2x1 mm ² . (100m rolls)

2.4 2Hcoax

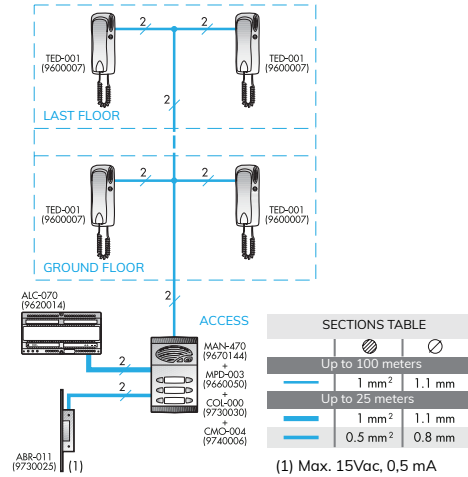
Typical schematics

1 ACCESS

No. houses	1x3	2x3	2x4	2x5	*2x6	3x4	3x5	3x6	4x4	4x5	4x6	6x5	6x6
MODEL													
TED-001	3	6	8	10	12	12	15	18	16	20	24	30	36
MAN-470	1	1	1	1	1	1	1	1	1	1	1	1	1
MLN-000						1	1	1	1	1	1	2	2
MPS-003	1												
MPS-004						1							
MPS-005							1						
MPS-006								1					
MPD-003		1							1				
MPD-004			1			1			2				
MPD-005				1			1			2		3	
MPD-006					1			1			2		3
ALC-070	1	1	1	1	1	1	1	1	1	1	1	1	1
COL-000	1	1	1	1	1	1	1	2	1	2	2	2	3
CEM-001						1	1	1	1	1	1	2	2
CMO-004	1	1	1			2			2				
CMO-006				1	1		2	2		2	2	3	3
ABR-011	1	1	1	1	1	1	1	1	1	1	1	1	1

*Installation for 2 houses per floor and 6 floors

TYPICAL SCHEMATIC AND SECTIONS

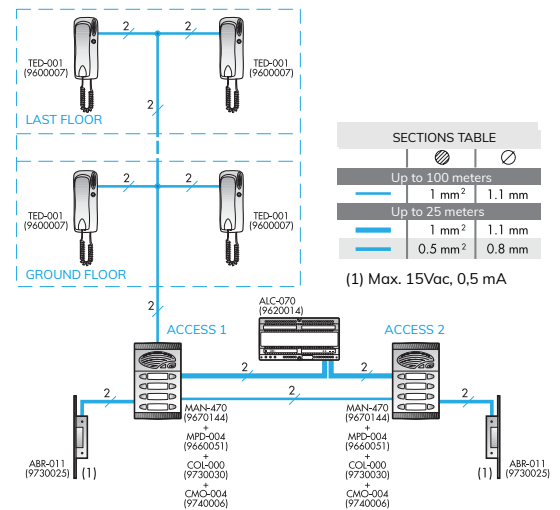


2 ACCESS POINTS

No. houses	1x3	2x3	2x4	2x5	*2x6	3x4	3x5	3x6	4x4	4x5	4x6	6x5	6x6
MODEL													
TED-001	3	6	8	10	12	12	15	18	16	20	24	30	36
MAN-470	2	2	2	2	2	2	2	2	2	2	2	2	2
MLN-000						2	2	2	2	2	2	4	4
MPS-003	2												
MPS-004						2							
MPS-005							2						
MPS-006								2					
MPD-003		2							4				
MPD-004			2			2			4				
MPD-005				2			2		4			6	
MPD-006					2			2		4		6	
ALC-070	1	1	1	1	1	1	1	1	1	1	1	1	1
COL-000	2	2	2	2	2	2	2	4	2	4	4	4	6
CEM-001						2	2	2	2	2	2	4	4
CMO-004	2	2	2			4			4				
CMO-006				2	2		4	4		4	4	6	6
ABR-001	2	2	2	2	2	2	2	2	2	2	2	2	2

*Installation for 2 houses per floor and 6 floors

TYPICAL SCHEMATIC AND SECTIONS

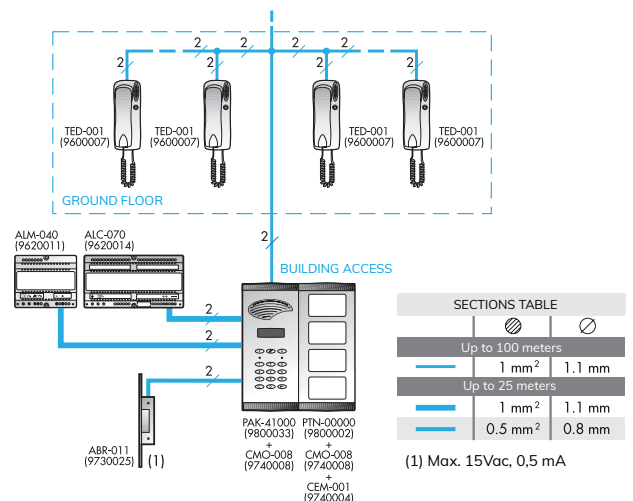


1 ACCESS WITH KEYPAD

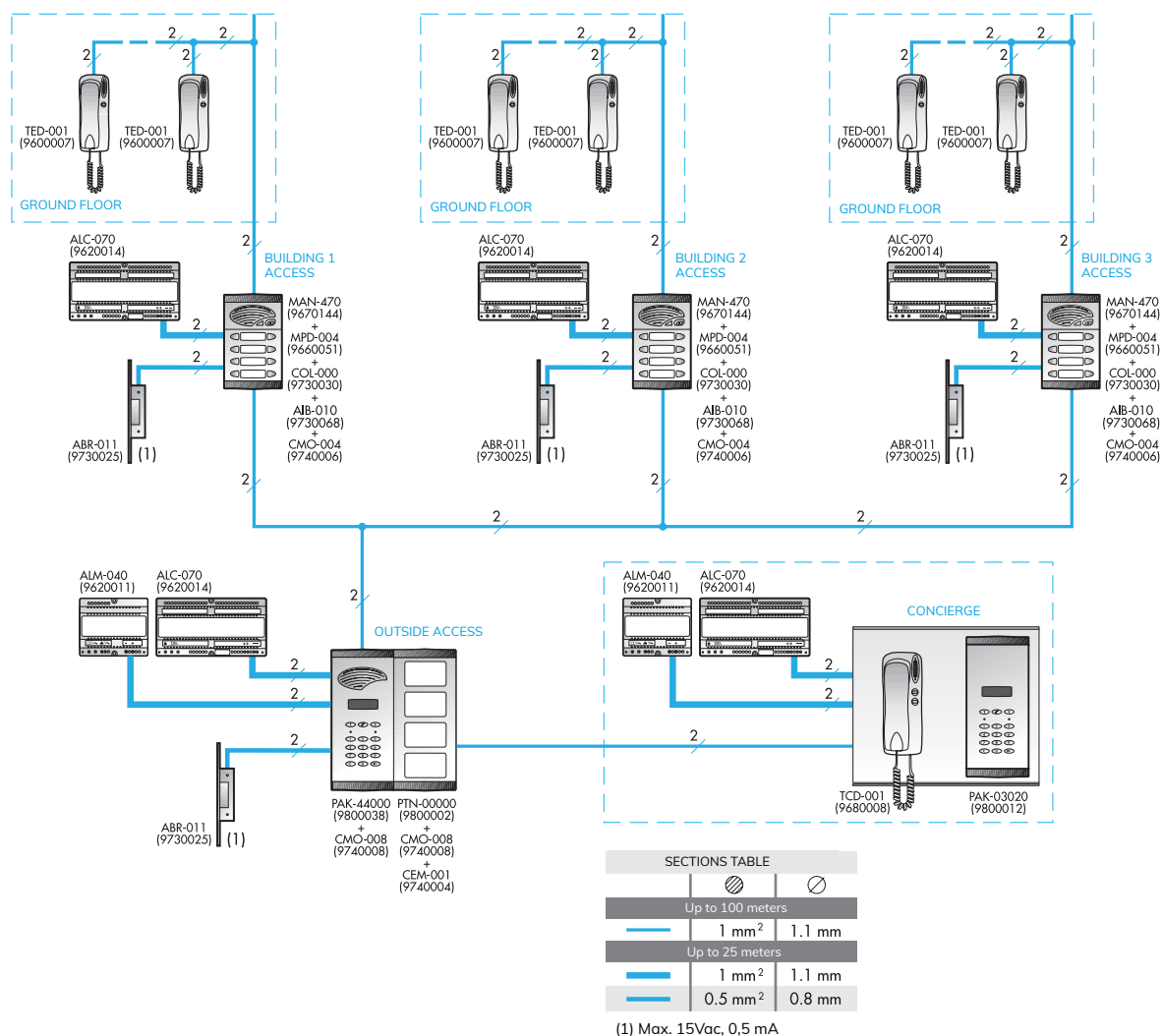
No. houses	4x10	6x10	6x15	8x15	10x15
MODEL					
TED-001	40	60	90	120	150
PAK-41000	1	1	1	1	1
PTN-00000	1	1	1	2	2
ALM-040	1	1	1	1	1
ALC-070	1	1	1	1	1
CEM-001	1	1	1	2	2
CMO-008	2	2	2	3	3
ABR-011	1	1	1	1	1

*Installation for 2 houses per floor and 6 floors

TYPICAL SCHEMATIC AND SECTIONS



Typical schematics - State with guard unit





4+N SYSTEM

Indoor units

Outdoor entrance panels

Electric locks

Power supply units and splitters

iACCESS system

Advantages



Standard
4+n system



Multiple access with no
additional accessories



useful and
intuitive

Characteristics table

Wiring	4+N: 4 common wires and N call wires ⁽¹⁾
Cable types	- Multi core cable hose (0,22 mm²) - Power supply: Parallel 2x1mm²
Maximum distance outdoor entrance panel to indoor unit	100m
No of homes	200
Terminals Connection	5 wires
Supply voltage	12Vca

(1) N refers to the number of calls, or number of dwellings

ENTRANCE PANELS with push-buttons



INDOOR UNITS Handsets



CUSTOM MADE ENTRANCE PANELS



INDOOR UNITS



9600001



9600014



9730029



9730091

CODE	MODEL	DESCRIPTION
HANDSETS		
9600001	TEL-001	Handset with electronic call
9600018	TEL-101	Customised handset with electronic call
9600009	TEL-002	Electronic handset 2 push buttons
9600039	TEL-004	Electronic handset 4 push buttons
9600040	TUN-201	Handset with electronic or buzzer call (Universal)
9600002	TUN-001	Telephone with electronic or buzzer call (Universal)
9600013	TUN-101	Customised handset with electronic or buzzer call (Universal)
9600011	TUN-002	Handset with 2 push buttons with electronic or buzzer call (Universal)
9600003	TES-001	Handset with electronic call and privacy of conversation
9600014	TIN-001	Handset for internal communication. Compatible with door entry installations using a conventional 4+N system and with electronic call
VIDEO INTERCOM MONITOR WITH INTERCOMMUNICATION		
9630055	MVC-015	4+n color video monitor with intercommunication
9630056	SCM-011	Connection bracket for intercommunication analogic monitor with connections
ACCESSORIES FOR HANDSETS		
9730029	SST-001	Desktop support for handset
9730092	MAE-101	Cover frame for handset. Dimensions: 125x275 mm
9730093	MAE-102	Cover frame for handset. Dimensions: 250x275 mm
* Made to measure Order example: MAE-902 (210, 260): Decorative frame for handset, with external width of 210 mm and Height of 260 mm.		
9730091	MAE-902	Generic cover frame for handset. Made to measure
9730019	AAL-200	Electronic call extension. To be used with handsets and indoor units in both conventional and digital systems. With digital handsets, the use of an accessory (namely, AAL-120) is required
9730020	AAL-210	Call extension with buzzer
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal. Application: activation by the call, auxiliary pushbutton, etc. of devices connected to the mains (lights, sirens, etc.)
9730060	APX-001	Kit which lets you add two extra push-buttons to the handset. L201
9730061	AAL-130	Accessory for receiving calls on a landing handset

2.5 4+N SYSTEM

LÍNEA 201 - ENTRANCE PANELS



9670126



9690034



9690038



9660002

CODE	MODEL	DESCRIPTION
LÍNEA 201 PUSH-BUTTONS ENTRANCE PANELS: MODULES WITH AUDIO UNIT		
9670115	MAN-410	Entrance panel with 4+N audio group and with electronic call
9670126	MMN-410	Entrance panel with 4+N audio group and with electronic call. With card-holder.
9670151	MDN-442	Entrance panel with MAN-441 and generic color video unit coaxial
9670018	MTN-000	Entrance panel with card holder
9690034	LPR-200	Entrance panel with card holder, with iACCESS proximity reader. L201
9690038	CCA-004	Central post for access control by proximity. Advanced management 1 doors
9670021	MLN-000	Blank entrance panel
9670119	MAN-451	Entrance panel with 4+N audio unit with electronic and buzzer call
9670127	MMN-451	Entrance panel with universal 4+N audio unit and with electronic and buzzer call. With card-holder.
9670116	MAN-430	Entrance panel with microprocessor based 4+N audio group, with electronic call and multiple access points
9670128	MMN-430	Entrance panel with microprocessor based 4+N audio group, with electronic call and multiple access points. With card-holder
9730005	AAL-001	Accessory that allows to use entrance panel modules with 4+N audio unit and electronic call in installations with buzzer call handsets
9670118	MAN-441	Entrance panel with 4+N audio group and with electronic call, privacy of conversation and multiple access points
9670137	MMN-441	Entrance panel with 4+N audio group and with electronic call, privacy of conversation and multiple points of entry. With cardholder
LÍNEA 201 PUSH-BUTTONS ENTRANCE PANELS: LOWER MODULES WITH PUSH-BUTTONS		
9660014	MPS-001	Entrance panel module with 1 single push-button
9660015	MPS-002	Entrance panel module with 2 single push-buttons
9660000	MPS-003	Entrance panel module with 3 single push-buttons
9660001	MPS-004	Entrance panel module with 4 single push-buttons
9660002	MPS-005	Entrance panel module with 5 single push-buttons
9660003	MPS-006	Entrance panel module with 6 single push-buttons
9660004	MPS-007	Entrance panel module with 7 single push-buttons
9660005	MPS-008	Entrance panel module with 8 single push-buttons



9660009



9660054



9660016



9800006

CODE	MODEL	DESCRIPTION
LÍNEA 201 PUSH-BUTTONS ENTRANCE PANELS: LOWER MODULES WITH PUSH-BUTTONS		
9660006	MPS-009	Entrance panel module with 9 single push-buttons
9660007	MPS-010	Entrance panel module with 10 single push-buttons
9660008	MPS-011	Entrance panel module with 11 single push-buttons
9660009	MPS-012	Entrance panel module with 12 single push-buttons
9660010	MPS-013	Entrance panel module with 13 single push-buttons
9660011	MPS-014	Entrance panel module with 14 single push-buttons
9660012	MPS-015	Entrance panel module with 15 single push-buttons
9660013	MPS-016	Entrance panel module with 16 single push-buttons
9660048	MPD-001	Entrance panel module with 2 push-buttons (1 double push-button)
9660049	MPD-002	Entrance panel module with 4 push-buttons (2 double push-button)
9660050	MPD-003	Entrance panel module with 6 push-buttons (3 double push-button)
9660051	MPD-004	Entrance panel module with 8 push-buttons (4 double push-button)
9660052	MPD-005	Entrance panel module with 10 push-buttons (5 double push-button)
9660053	MPD-006	Entrance panel module with 12 push-buttons (6 double push-button)
9660054	MPD-007	Entrance panel module with 14 push-buttons (7 double push-button)
9660055	MPD-008	Entrance panel module with 16 push-buttons (8 double push-button)
9660056	MPD-009	Entrance panel module with 18 push-buttons (9 double push-button)
9660057	MPD-010	Entrance panel module with 20 push-buttons (10 double push-button)
9660058	MPD-011	Entrance panel module with 22 push-buttons (11 double push-button)
9660059	MPD-012	Entrance panel module with 24 push-buttons (12 double push-button)
9660060	MPD-013	Entrance panel module with 26 push-buttons (13 double push-button)
9660061	MPD-014	Entrance panel module with 28 push-buttons (14 double push-button)
9660062	MPD-015	Entrance panel module with 30 push-buttons (15 double push-button)
9660063	MPD-016	Entrance panel module with 32 push-buttons (16 double push-button)
9660064	MPD-900	Configurable push-button entrance panel 1-8 floors
9660065	MPD-901	Configurable push-button entrance panel 9-16 floors
LÍNEA 201 PUSH-BUTTONS ENTRANCE PANEL MODULES WITH ACCESS CONTROL		
9660016	MKD-900	Configurable push-button entrance panel 1-12 floors and keypad for access control
9800006	PNK-00000	Entrance panel with keypad for access control

2.5 4+N SYSTEM

FLUSH-MOUNTED BOXES - LÍNEA 201



9740010



9740004

CODE	MODEL	DESCRIPTION
FLUSH-MOUNTED BOXES		
9740005	CMO-002	Flush-mounted box for 1 or 2 rows
9740006	CMO-004	Flush-mounted box for 3 or 4 rows
9740007	CMO-006	Flush-mounted box for 5 or 6 rows
9740008	CMO-008	Flush-mounted box for 7 or 8 rows
9740009	CMO-010	Flush-mounted box for 9 or 10 rows
9740010	CMO-012	Flush-mounted box for 11 or 12 rows
9740011	CMO-014	Flush-mounted box for 13 or 14 rows
9740012	CMO-016	Flush-mounted box for 15 or 16 rows
9740015	CMO-018	Flush-mounted box for 17 or 18 rows plus double upper module
9740004	CEM-001	Set of separators for flush-mounted box (2 items)
* Note: surface boxes, rain shields, decorative frame: check "Línea 201 entrance panels" on page 55		

ACCESSORIES FOR 4+N OUTDOOR ENTRANCE PANELS

CODE	MODEL	DESCRIPTION
ACCESSORIES FOR 4+N OUTDOOR ENTRANCE PANELS		
9730006	APC-001	Accessory that allows to activate a single electric lock from several entrance panels with independent power supply
9730005	AAL-001	Accessory that allows to use entrance panel modules with 4+N audio unit and electronic call in installations with buzzer call handsets
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal. Application: activation by the call, auxiliary pushbutton, etc. of devices connected to the mains (lights, sirens, etc.)
9730057	ASC-051	Selector/switch accessory with timer activated by means of external control signal. Applications: activation of devices connected to the mains (lights, sirens), second electric lock
9730023	ASC-001	Switch selector accessory activated by means of external control signal. Applications: seeing images from a second camera, activating a second electric lock by means of an auxiliary button, etc

CUSTOM MADE ENTRANCE PANELS

ALCAD has street entrance panels adapted to the needs of its installation, with a customized configuration both in the location of the buttons and in the size of the entrance panel. Optionally, it's possible to record the name of the building on the entrance panel. All of them are made of stainless steel.

Check with your sales representative to get your quote.



CODE	MODEL	DESCRIPTION
CUSTOM MADE VANDAL PROOF ENTRANCE PANELS		
9800131	PLE-001	Vandal proof entrance panel with push-buttons. Conventional 4+N system

ELECTRIC LOCK



9730087



9730062



9730004

CODE	MODEL	DESCRIPTION
FLUSH ELECTRIC LOCKS		
9730087	ABR-021	Universal standard electric lock, compact size, with adjustable bolt. 12-18V AC/DC
9730000	ABR-001	Standard electric lock. 12 VAC
9730001	ABR-002	Standard electric lock with manual release. 12 VAC
9730002	ABR-003	Automatic electric lock (activated by electrical impulse). 12 VAC
9730003	ABR-004	Automatic electric lock (activated by electrical impulse) with manual release. 12 VAC
9730094	ABR-102	Standard electric lock with manual release and large shield ESC-010. 12 VAC
ELECTROMAGNETIC LOCKS		
9730076	VEN-003	Electromagnetic door lock, 300 Kg. For overlapping 12 / 24 VDC
9730077	VEN-005	Electromagnetic door lock, 500 Kg. For overlapping 12 / 24 VDC
ELECTRIC LOCKS ACCESSORIES		
9730004	CNP-001	Door contact
9730033	ESC-010	Large shield for electric locks
9620001	ALA-040	25 VA power supply unit, electronic door entry system
9620011	ALM-040	25 VA power supply unit, video door entry system
9620013	ALM-080	Power supply to release electric locks with high power consumption
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal. Application: activation by the call, auxiliary pushbutton, etc. of devices connected to the mains (lights, sirens, etc.)

2.5 4+N SYSTEM

POWER SUPPLY UNITS



9620001



9620011

CODE	MODEL	DESCRIPTION
POWER SUPPLY UNITS		
9620001	ALA-040	25 VA power supply unit, electronic door entry system
9620002	ALA-020	16 VA power supply unit for kit, electronic door entry system
9620011	ALM-040	25 VA power supply unit, video door entry system
9620013	ALM-080	Power supply to release electric locks with high power consumption
9650001	GCI-001	Control unit for internal communication system

Línea 201 - Special entrance panels

Please contact your sales agent for further information or request.

MPD-900 ENTRANCE PANELS (from 3 to 8 heights in single and double entrance panels)

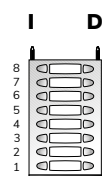
A: code (9660064)

B: model (MPD-900)

C: S-single push-buttons D-double push-buttons

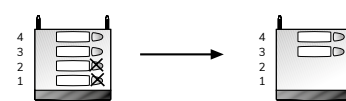
D: entrance panel height (from 003 to 008)

E: push-buttons to remove (1,2,3I,4D...)



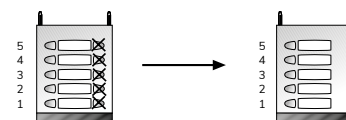
e.g.1: 9660064 MPD-900(S-004,1,2)

A	B	C	D	E
9660064	MPD-900	S	-004	1, 2



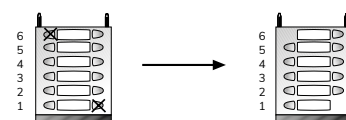
e.g.2: 9660064 MPD-900(D-005,1D,2D,3D,4D,5D)

A	B	C	D	E
9660064	MPD-900	D	-005	1D,2D,3D,4D,5D



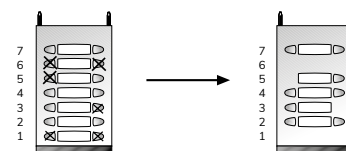
e.g.3: 9660064 MPD-900(D-006,1D,6I)

A	B	C	D	E
9660064	MPD-900	D	-006	1D,6I



e.g.4: 9660064 MPD-900(D-007,1,3D,5I,6)

A	B	C	D	E
9660064	MPD-900	D	-007	1,3D,5I, 6



MPD-901 ENTRANCE PANELS (from 9 to 16 heights in single and double entrance panels)

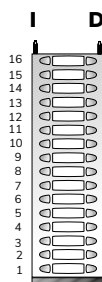
A: code (9660065)

B: model (MPD-901)

C: S-single push-buttons D-double push-buttons

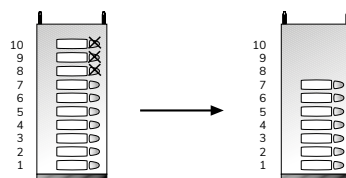
D: entrance panel height (from 009 to 016)

E: push-buttons to remove (1,2,3I,4D...)



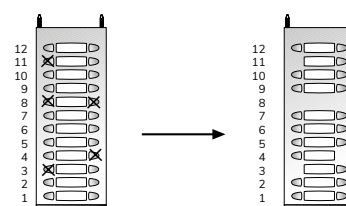
e.g.1: 9660065 MPD-901(S-010,8,9,10)

A	B	C	D	E
9660065	MPD-901	S	-010	8,9,10



e.g.2: 9660065 MPD-901(D-012,3I,4D,8,11I)

A	B	C	D	E
9660065	MPD-901	D	-012	3I,4D,8,11I

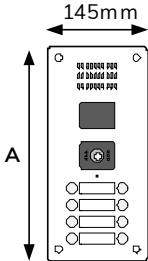
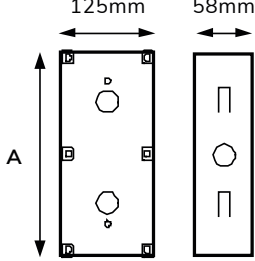




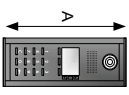
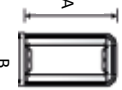
INDEX

1. FOR VILLAS	3
1.1. VIDEO DOOR ENTRY KITS	4
1.2. AUDIO DOOR ENTRY KITS	12
2. FOR BUILDINGS	20
2.1. TECHNOLOGY SUMMARY	20
2.2. IPAL SYSTEM	22
2.3. 2 WIRES SYSTEM	26
2.4. 2HCOAX SYSTEM (FORMER DIGITAL)	52
2.5. 4 + N SYSTEM	62
3. ANNEX	70
3.1. DIMMENSIONS - iVANDAL entrance panels	71
3.2. DIMMENSIONS - iBLACK entrance panels	72
3.3. DIMMENSIONS - LÍNEA201 entrance panels	74
3.4. DIMMENSIONS HANDSETS, INDOOR UNITS AND ACCESSORIES	76
3.5. CODES AND MODELS LIST	78
3.6. GENERAL TERMS OF TRADE	82

3.1 iVANDAL outdoor entrance panels dimensions

ENTRANCE PANELS		FLUSH MOUNTED BOXES	
			
A	MODELS	A	MODELS
142 mm	9690035 LPR-010 9800159 PNB-600	125 mm	9740226 CMO-201
260 mm	9800161 PTS-60201 9800173 PTS-61201 9800141 PTS-60202 9800174 PTS-61202 9800166 PTD-60201 9800183 PTD-61201 9800146 PTD-60202 9800184 PTD-61202	243 mm	9740219 CMO-202
308 mm	9800162 PTS-60203 9800175 PTS-61203 9800142 PTS-60204 9800176 PTS-61204 9800167 PTD-60203 9800185 PTD-61203 9800147 PTD-60204 9800186 PTD-61204	291 mm	9740220 CMO-204
356 mm	9800163 PTS-60205 9800177 PTS-61205 9800143 PTS-60206 9800178 PTS-61206 9800168 PTD-60205 9800187 PTD-61205 9800148 PTD-60206 9800188 PTD-61206	339 mm	9740221 CMO-206
404 mm	9800164 PTS-60207 9800179 PTS-61207 9800144 PTS-60208 9800180 PTS-61208 9800169 PTD-60207 9800189 PTD-61207 9800149 PTD-60208 9800190 PTD-61208	387 mm	9740222 CMO-208
452 mm	9800165 PTS-60209 9800181 PTS-61209 9800145 PTS-60210 9800182 PTS-61210 9800170 PTD-60209 9800191 PTD-61209 9800150 PTD-60210 9800192 PTD-61210	435 mm	9740223 CMO-210

3.2 iBLACK entrance panels dimensions

1-2 FLOORS			ENTRANCE PANELS	FLUSH MOUNTED BOXES	RAIN-SHIELD FOR FLUSH-MOUNTED BOXES					
A	B	MODELS			SIMPLE		DOBLE		TRIPLE	
339 mm	128 mm	PDK-54810 PDK-54910 PDK-51810 PDK-51910 PAK-54010 PAK-51010 PTN-50000								
323 mm	114 mm	CMO-010								
364 mm	171 mm	VIS-115								
364 mm	299 mm	VIS-125								
364 mm	427 mm	VIS-135								

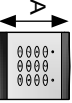
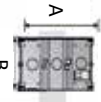
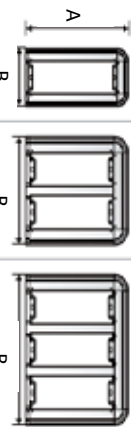
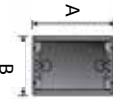
1-2 FLOORS					SURFACE BOX		RAIN-SHIELD FOR SURFACE BOXES						ANGULAR SURFACE BOX	
A	B	MODEL					SIMPLE		DOBLE		TRIPLE			
339 mm			A	B										
128 mm														
CSU-515														
352 mm			A	B										
156 mm														
VIS-215														
352 mm			A	B										
284 mm														
VIS-225														
352 mm			A	B										
412 mm														
VIS-235														
332 mm			A	B										
128 mm														
CSU-315														

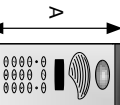
15-16 FLOORS		13-14 FLOORS		11-12 FLOORS		9-10 FL
531 mm	483 mm	483 mm	435 mm	435 mm	387 mm	387 mm
128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm
PPS-52209 PPD-52210 PPD-52209 PPD-52210	PPS-52115 PPS-52116 PPD-52115 PPD-52116	PPS-52213 PPS-52214 PPD-52213 PPD-52214	PPS-52113 PPS-52114 PPD-52113 PPD-52114	PPS-52211 PPS-52212 PPD-52211 PPD-52212	PPS-52112 PPD-52111 PPD-52112	PPS-52210 PPD-52209
515 mm	467 mm	467 mm	419 mm	419 mm	371 mm	371 mm
144 mm	144 mm	144 mm	144 mm	144 mm	144 mm	144 mm
CMO-018	CMO-016	CMO-016	CMO-014	CMO-014	CMO-012	CMO-012
556 mm	508 mm	508 mm	460 mm	460 mm	412 mm	412 mm
171 mm	171 mm	171 mm	171 mm	171 mm	171 mm	171 mm
VIS-119	VIS-118	VIS-118	VIS-117	VIS-117	VIS-116	VIS-116
556 mm	508 mm	508 mm	460 mm	460 mm	412 mm	412 mm
299 mm	299 mm	299 mm	299 mm	299 mm	299 mm	299 mm
VIS-129	VIS-128	VIS-128	VIS-127	VIS-127	VIS-126	VIS-126
556 mm	508 mm	508 mm	460 mm	460 mm	412 mm	412 mm
427 mm	427 mm	427 mm	427 mm	427 mm	427 mm	427 mm
VIS-139	VIS-138	VIS-138	VIS-137	VIS-137	VIS-136	VIS-136

15-16 FLOORS		13-14 FLOORS		11-12 FLOORS		9-10 FLO
531 mm	483 mm	483 mm	435 mm	435 mm	387 mm	387 mm
128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm
CSU-519	CSU-518	CSU-518	CSU-517	CSU-517	CSU-516	CSU-516
544 mm	496 mm	496 mm	448 mm	448 mm	400 mm	400 mm
156 mm	156 mm	156 mm	156 mm	156 mm	156 mm	156 mm
VIS-219	VIS-218	VIS-218	VIS-217	VIS-217	VIS-216	VIS-216
544 mm	496 mm	496 mm	448 mm	448 mm	400 mm	400 mm
284 mm	284 mm	284 mm	284 mm	284 mm	284 mm	284 mm
VIS-229	VIS-228	VIS-228	VIS-227	VIS-227	VIS-226	VIS-226
544 mm	496 mm	496 mm	448 mm	448 mm	400 mm	400 mm
412 mm	412 mm	412 mm	412 mm	412 mm	412 mm	412 mm
VIS-239	VIS-238	VIS-238	VIS-237	VIS-237	VIS-236	VIS-236
527 mm	476 mm	476 mm	428 mm	428 mm	380 mm	380 mm
128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm
CSU-319	CSU-318	CSU-318	CSU-317	CSU-317	CSU-316	CSU-316

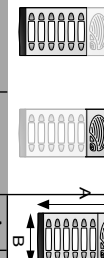
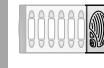
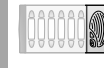
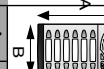
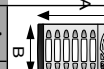
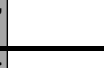
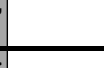
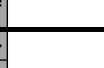
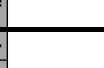
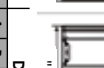
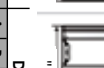
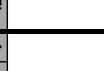
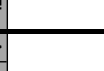
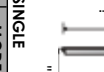
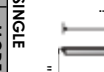
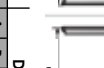
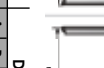
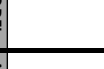
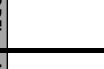
[illegible]

3.3 Línea 201 entrance panel dimensions

ENTRANCE PANEL			FLUSHMOUNTED BOX			RAINSHIELD FOR FLUSHMOUNTED BOXES									SURFACE BOX			RAINSHIELDS FOR SURFACE BOXES									ANGULAR SURFACE BOX		
																													
A	B	MODELS	A	B	MODEL	SINGLE			DOUBLE			TRIPLE			A	B	MODEL	SINGLE			DOUBLE			TRIPLE			A	B	MODEL
147 mm	128 mm	MVN-905 PNK-00000	131 mm	114 mm	CMO-002	172 mm	171 mm	VS-111	172 mm	299 mm	VS-121	172 mm	427 mm	VS-131	147 mm	128 mm	CSU-211	160 mm	156 mm	VS-211	160 mm	284 mm	VS-221	160 mm	412 mm	VS-231	140 mm	128 mm	CSU-311

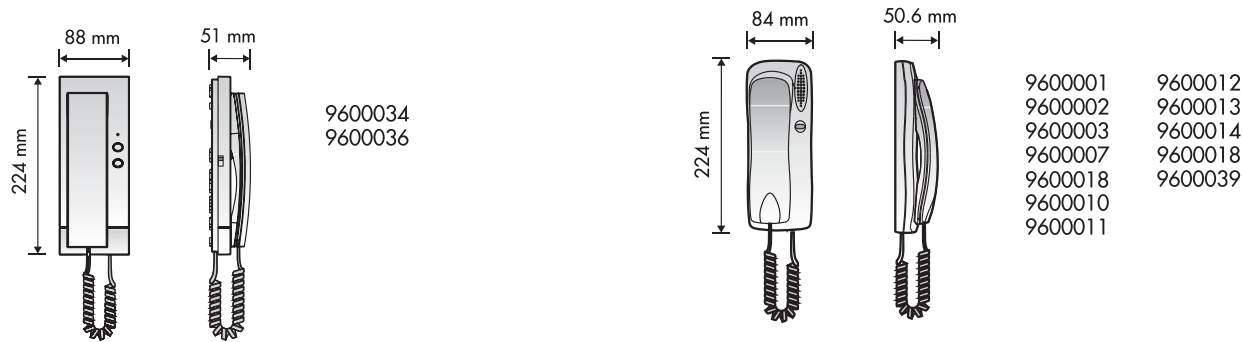
ENTRANCE PANEL			FLUSHMOUNTED BOX			RAINSHIELD FOR FLUSHMOUNTED BOXES									SURFACE BOX			RAINSHIELDS FOR SURFACE BOXES									ANGULAR SURFACE BOX		
																													
A	B	MODELS	A	B	MODEL	SINGLE			DOUBLE			TRIPLE			A	B	MODEL	SINGLE			DOUBLE			TRIPLE			A	B	MODEL
291 mm	128 mm	PAK-41000 PAK-42000 PAK-44000 PAK-03020 PDK-41500 PDK-42500 PDK-44500 PTN-00000	275 mm	114 mm	CMO-008	316 mm	171 mm	VS-114	316 mm	299 mm	VS-124	316 mm	427 mm	VS-134	291 mm	128 mm	CSU-214	304 mm	156 mm	VS-214	304 mm	284 mm	VS-224	304 mm	412 mm	VS-234	284 mm	128 mm	CSU-314

15-16 FLOORS		13-14 FLOORS				11-12 FLOORS			
MPS-015 MPS-016 MPD-015 MPD-016		MPS-013 MPS-014 MPD-013 MPD-014		MPS-011 MPS-012 MPD-011 MPD-012		MPS-011 MPS-012 MPD-011 MPD-012		MPS-011 MPS-012 MPD-011 MPD-012	
DOUBLE	SINGLE	TRIPLE	DOUBLE	SINGLE	TRIPLE	DOUBLE	TRIPLE	DOUBLE	TRIPLE
531 mm	483 mm	531 mm	483 mm	435 mm	483 mm	435 mm	483 mm	435 mm	483 mm
128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm
515 mm	467 mm	515 mm	467 mm	419 mm	467 mm	419 mm	467 mm	419 mm	467 mm
114 mm	114 mm	114 mm	114 mm	114 mm	114 mm	114 mm	114 mm	114 mm	114 mm
CMO-018	CMO-016	CMO-018	CMO-016	CMO-014	CMO-016	CMO-014	CMO-016	CMO-014	CMO-016
556 mm	508 mm	556 mm	508 mm	460 mm	508 mm	460 mm	508 mm	460 mm	508 mm
171 mm	171 mm	171 mm	171 mm	171 mm	171 mm	171 mm	171 mm	171 mm	171 mm
VS-119	VS-118	VS-119	VS-118	VS-117	VS-118	VS-117	VS-118	VS-117	VS-118
556 mm	508 mm	556 mm	508 mm	460 mm	508 mm	460 mm	508 mm	460 mm	508 mm
299 mm	299 mm	299 mm	299 mm	299 mm	299 mm	299 mm	299 mm	299 mm	299 mm
VS-129	VS-128	VS-129	VS-128	VS-127	VS-128	VS-127	VS-128	VS-127	VS-128
556 mm	508 mm	556 mm	508 mm	460 mm	508 mm	460 mm	508 mm	460 mm	508 mm
427 mm	427 mm	427 mm	427 mm	427 mm	427 mm	427 mm	427 mm	427 mm	427 mm
VS-139	VS-138	VS-139	VS-138	VS-137	VS-138	VS-137	VS-138	VS-137	VS-138
531 mm	483 mm	531 mm	483 mm	435 mm	483 mm	435 mm	483 mm	435 mm	483 mm
128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm
CSU-219	CSU-218	CSU-219	CSU-218	CSU-217	CSU-218	CSU-217	CSU-218	CSU-217	CSU-218
544 mm	496 mm	544 mm	496 mm	448 mm	496 mm	448 mm	496 mm	448 mm	496 mm
156 mm	156 mm	156 mm	156 mm	156 mm	156 mm	156 mm	156 mm	156 mm	156 mm
VS-219	VS-218	VS-219	VS-218	VS-217	VS-218	VS-217	VS-218	VS-217	VS-218
544 mm	496 mm	544 mm	496 mm	448 mm	496 mm	448 mm	496 mm	448 mm	496 mm
284 mm	284 mm	284 mm	284 mm	284 mm	284 mm	284 mm	284 mm	284 mm	284 mm
VS-229	VS-228	VS-229	VS-228	VS-227	VS-228	VS-227	VS-228	VS-227	VS-228
544 mm	496 mm	544 mm	496 mm	448 mm	496 mm	448 mm	496 mm	448 mm	496 mm
412 mm	412 mm	412 mm	412 mm	412 mm	412 mm	412 mm	412 mm	412 mm	412 mm
VS-239	VS-238	VS-239	VS-238	VS-237	VS-238	VS-237	VS-238	VS-237	VS-238
527 mm	476 mm	524 mm	476 mm	428 mm	476 mm	428 mm	476 mm	428 mm	476 mm
128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm
CSU-319	CSU-318	CSU-319	CSU-318	CSU-317	CSU-318	CSU-317	CSU-318	CSU-317	CSU-318

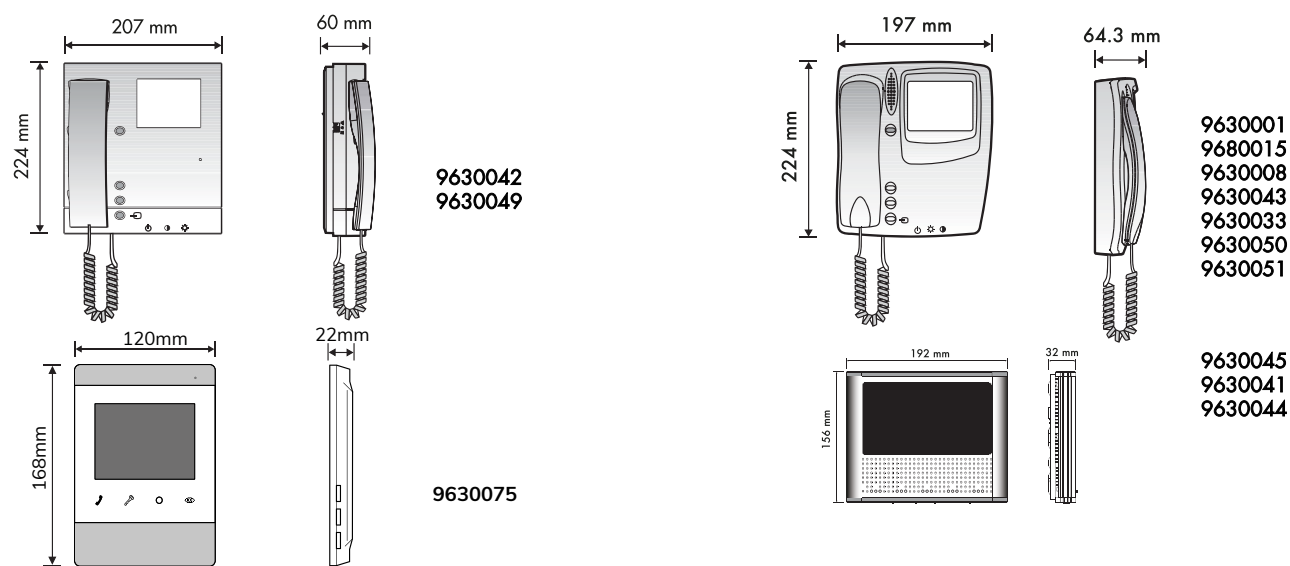
ENTRANCE PANEL		DIMENSIONS		FLUSH-MOUNTED BOX		RAIN-SHIELDS FOR FLUSH-MOUNTED BOXES												SURFACE BOXES		RAIN-SHIELDS FOR SURFACE BOXES												ANGULAR SURFACE BOX	
						SINGLE				DOUBLE				TRIPLE						SINGLE				DOUBLE				TRIPLE					
LOWER MODULE				A	B	A	B	MODEL	A	B	A	B	A	B	MODEL	A	B	A	B	A	B	A	B	A	B	MODEL	A	B	A	B	MODEL		
MPS-001			147 mm	128 mm	131 mm	114 mm	CMO-002	172 mm	171 mm	VS-111	172 mm	171 mm	VS-112	220 mm	172 mm	VS-131	147 mm	128 mm	CSU-211	160 mm	156 mm	VS-211	160 mm	284 mm	VS-221	160 mm	412 mm	VS-231	140 mm	128 mm	CSU-311		
MPS-002			195 mm	128 mm	179 mm	114 mm	CMO-004	220 mm	171 mm	VS-112	220 mm	171 mm	VS-122	299 mm	220 mm	VS-132	195 mm	128 mm	CSU-212	208 mm	156 mm	VS-212	208 mm	284 mm	VS-222	208 mm	412 mm	VS-232	188 mm	128 mm	CSU-312		
MPS-003			195 mm	128 mm	179 mm	114 mm	CMO-004	220 mm	171 mm	VS-112	220 mm	171 mm	VS-122	299 mm	220 mm	VS-132	243 mm	128 mm	CSU-212	208 mm	156 mm	VS-212	208 mm	284 mm	VS-222	208 mm	412 mm	VS-232	188 mm	128 mm	CSU-312		
MPS-004			243 mm	128 mm	227 mm	114 mm	CMO-006	268 mm	171 mm	VS-113	268 mm	171 mm	VS-123	299 mm	268 mm	VS-133	243 mm	128 mm	CSU-213	256 mm	156 mm	VS-213	256 mm	284 mm	VS-223	256 mm	412 mm	VS-233	236 mm	128 mm	CSU-313		
MPS-005			243 mm	128 mm	227 mm	114 mm	CMO-006	268 mm	171 mm	VS-113	268 mm	171 mm	VS-123	299 mm	268 mm	VS-133	291 mm	128 mm	CSU-214	307 mm	156 mm	VS-214	307 mm	284 mm	VS-224	307 mm	412 mm	VS-234	284 mm	128 mm	CSU-314		
MPS-006			291 mm	128 mm	227 mm	114 mm	CMO-008	316 mm	171 mm	VS-114	316 mm	171 mm	VS-124	299 mm	316 mm	VS-134	291 mm	128 mm	CSU-215	352 mm	156 mm	VS-215	352 mm	284 mm	VS-225	352 mm	412 mm	VS-235	236 mm	128 mm	CSU-315		
MPS-007			291 mm	128 mm	275 mm	114 mm	CMO-008	316 mm	171 mm	VS-114	316 mm	171 mm	VS-124	299 mm	316 mm	VS-134	339 mm	128 mm	CSU-215	352 mm	156 mm	VS-215	352 mm	284 mm	VS-225	352 mm	412 mm	VS-235	284 mm	128 mm	CSU-315		
MPS-008			339 mm	128 mm	323 mm	114 mm	CMO-010	364 mm	171 mm	VS-115	364 mm	171 mm	VS-125	299 mm	364 mm	VS-135	339 mm	128 mm	CSU-216	400 mm	156 mm	VS-216	400 mm	284 mm	VS-226	400 mm	412 mm	VS-236	332 mm	128 mm	CSU-316		
MPS-009			339 mm	128 mm	323 mm	114 mm	CMO-010	364 mm	171 mm	VS-115	364 mm	171 mm	VS-125	299 mm	364 mm	VS-135	387 mm	128 mm	CSU-216	400 mm	156 mm	VS-216	400 mm	284 mm	VS-226	400 mm	412 mm	VS-236	380 mm	128 mm	CSU-316		
MPS-010			339 mm	128 mm	323 mm	114 mm	CMO-012	364 mm	171 mm	VS-116	364 mm	171 mm	VS-126	299 mm	364 mm	VS-136	387 mm	128 mm	CSU-217	448 mm	156 mm	VS-217	448 mm	284 mm	VS-227	448 mm	412 mm	VS-237	428 mm	128 mm	CSU-317		
MPS-011			387 mm	128 mm	371 mm	114 mm	CMO-012	412 mm	171 mm	VS-116	412 mm	171 mm	VS-126	299 mm	412 mm	VS-136	435 mm	128 mm	CSU-217	448 mm	156 mm	VS-217	448 mm	284 mm	VS-227	448 mm	412 mm	VS-237	428 mm	128 mm	CSU-317		
MPS-012			387 mm	128 mm	371 mm	114 mm	CMO-012	412 mm	171 mm	VS-116	412 mm	171 mm	VS-126	299 mm	412 mm	VS-136	387 mm	128 mm	CSU-216	400 mm	156 mm	VS-216	400 mm	284 mm	VS-226	400 mm	412 mm	VS-236	380 mm	128 mm	CSU-316		
MPS-013			435 mm	128 mm	419 mm	114 mm	CMO-014	460 mm	171 mm	VS-117	460 mm	171 mm	VS-127	299 mm	460 mm	VS-137	435 mm	128 mm	CSU-217	448 mm	156 mm	VS-217	448 mm	284 mm	VS-227	448 mm	412 mm	VS-237	428 mm	128 mm	CSU-317		
MPS-014			435 mm	128 mm	419 mm	114 mm	CMO-014	460 mm	171 mm	VS-117	460 mm	171 mm	VS-127	299 mm	460 mm	VS-137	435 mm	128 mm	CSU-217	448 mm	156 mm	VS-217	448 mm	284 mm	VS-227	448 mm	412 mm	VS-237	428 mm	128 mm	CSU-317		
MPS-015			435 mm	128 mm	419 mm	114 mm	CMO-014	460 mm	171 mm	VS-117	460 mm	171 mm	VS-127	299 mm	460 mm	VS-137	435 mm	128 mm	CSU-217	448 mm	156 mm	VS-217	448 mm	284 mm	VS-227	448 mm	412 mm	VS-237	428 mm	128 mm	CSU-317		
MPS-016			435 mm	128 mm	419 mm	114 mm	CMO-014	460 mm	171 mm	VS-117	460 mm	171 mm	VS-127	299 mm	460 mm	VS-137	435 mm	128 mm	CSU-217	448 mm	156 mm	VS-217	448 mm	284 mm	VS-227	448 mm	412 mm	VS-237	428 mm	128 mm	CSU-317		
MPS-017			435 mm	128 mm	419 mm	114 mm	CMO-014	460 mm	171 mm	VS-117	460 mm	171 mm	VS-127	299 mm	460 mm	VS-137	435 mm	128 mm	CSU-217	448 mm	156 mm	VS-217	448 mm	284 mm	VS-227	448 mm	412 mm	VS-237	428 mm	128 mm	CSU-317		
MPS-018			435 mm	128 mm	419 mm	114 mm	CMO-014	460 mm	171 mm	VS-117	460 mm	171 mm	VS-127	299 mm	460 mm	VS-137	435 mm	128 mm	CSU-217	448 mm	156 mm	VS-217	448 mm	284 mm	VS-227	448 mm	412 mm	VS-237	428 mm	128 mm	CSU-317		
MPS-019			435 mm	128 mm	419 mm	114 mm	CMO-014	460 mm	171 mm	VS-117	460 mm	171 mm	VS-127	299 mm	460 mm	VS-137	435 mm	128 mm	CSU-217	448 mm	156 mm	VS-217	448 mm	284 mm	VS-227	448 mm	412 mm	VS-237	428 mm	128 mm	CSU-317		
MPS-020			435 mm	128 mm	419 mm	114 mm	CMO-014	460 mm	171 mm	VS-117	460 mm	171 mm	VS-127	299 mm	460 mm	VS-137	435 mm	128 mm	CSU-217	448 mm	156 mm	VS-217	448 mm	284 mm	VS-227	448 mm	412 mm	VS-237	428 mm	128 mm	CSU-317		
MPS-021			435 mm	128 mm	419 mm	114 mm	CMO-014	460 mm	171 mm	VS-117	460 mm	171 mm	VS-127	299 mm	460 mm	VS-137	435 mm	128 mm	CSU-217	448 mm	156 mm	VS-217	448 mm	284 mm	VS-227	448 mm	412 mm	VS-237	428 mm	128 mm	CSU-317		

3.4 Handsets, indoor units and accessories dimensions

HANDSET

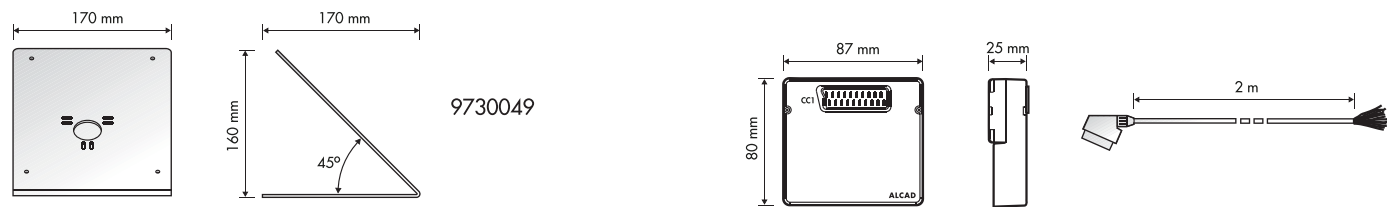


INDOOR UNITS

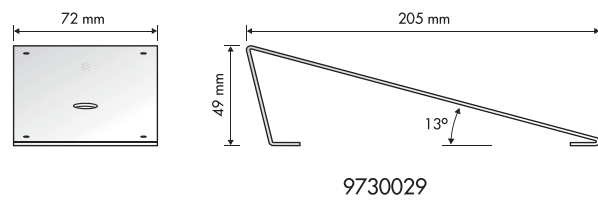


ACCESSORIES FOR INDOOR UNITS

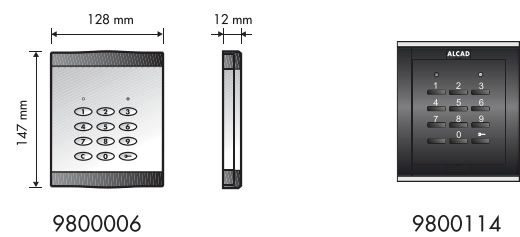
SOPORTE DE SOBREMESA



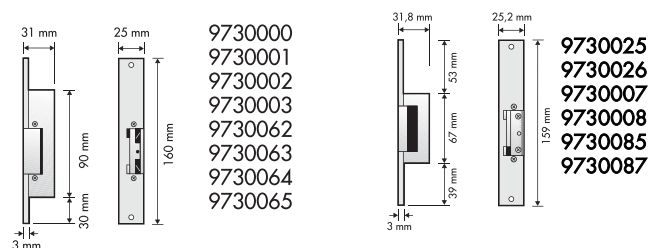
ACCESSORIES FOR HANDSETS



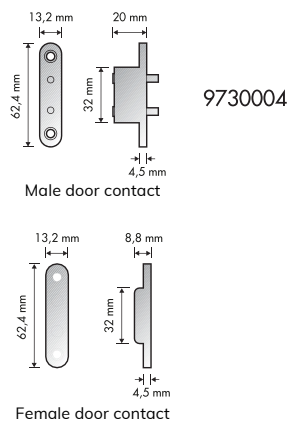
ACCESS CONTROL SYSTEM



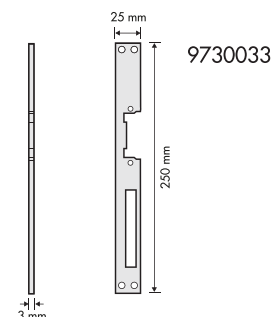
ELECTRIC LOCK



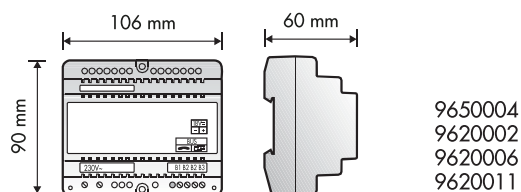
DOOR CONTACT



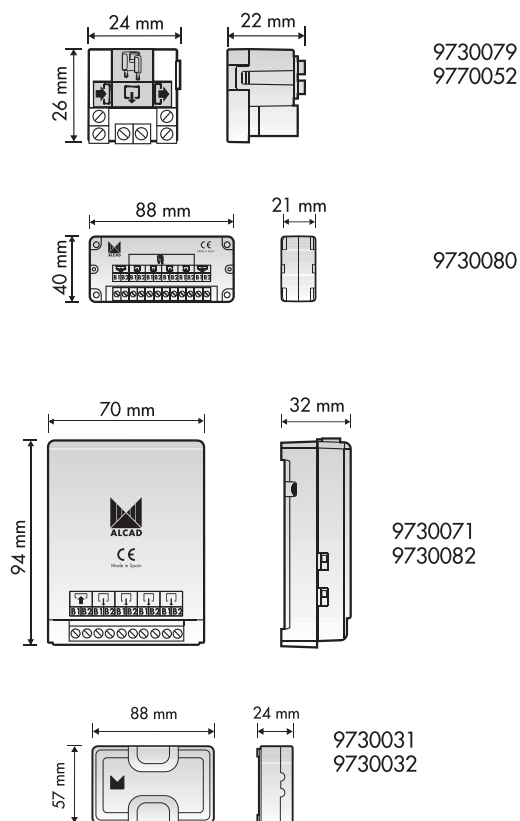
ELECTRIC LOCK SHIELD



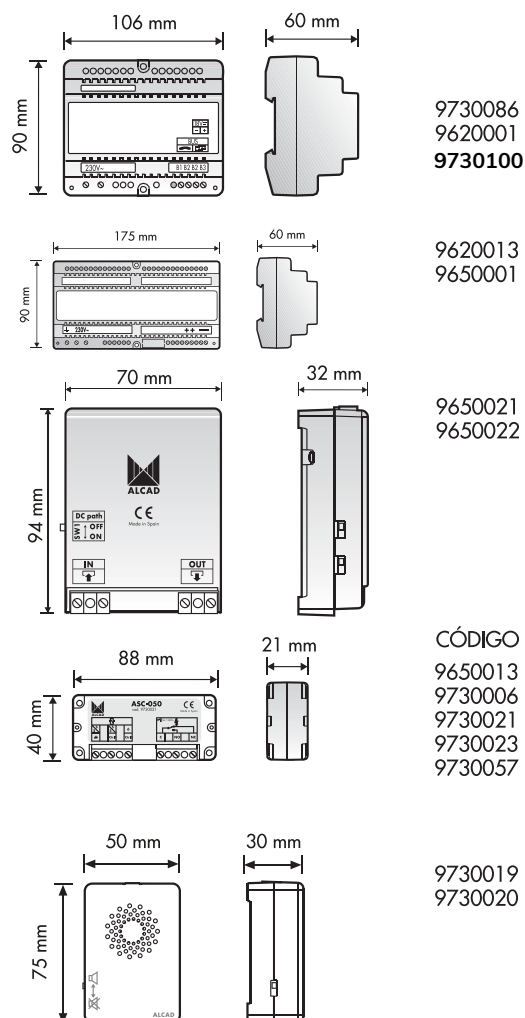
POWER SUPPLY UNIT



SPLITTER / TAP-OFF



ELECTRONIC ACCESSORIES



3.5 Codes and models list

CODE	MODEL	PACK	PAGE
9730005	AAL-001	18	64/66
9730018	AAL-120	18	16/54
9730061	AAL-130	18	54/63
9730019	AAL-200	18	9/11/16/17/ 32/54/63
9730020	AAL-210	18	63
9730000	ABR-001	50	16/67
9730001	ABR-002	50	67
9730002	ABR-003	50	67
9730003	ABR-004	50	67
9730025	ABR-011	50	46/59
9730007	ABR-013	50	46/59
9730008	ABR-014	50	46/59
9730062	ABR-015	50	6/7/8/9/ 10/14/15/ 16/46/59/67
9730064	ABR-017	50	46/59
9730065	ABR-018	50	46/59
9730085	ABR-019	50	46/59
9730087	ABR-021	50	46/59/67
9730094	ABR-102	30	67
9730055	AIB-001	18	59
9730068	AIB-010	18	56/58
9620002	ALA-020	18	16/68
9620001	ALA-040	18	9/10/15/47 59/67/68/
9620014	ALC-070	9	59
9620011	ALM-040	18	6/7/47/49 59/67/68
9620013	ALM-080	9	6/7/47/49/59 67/68/
9650004	ALS-020	18	8/14/47
9730006	APC-001	18	46/58/66
9730060	APX-001	8	53/54/63
9730072	APX-011	24	32
9730073	APX-012	20	32
9730097	APX-013	20	8/14/32/46
9730023	ASC-001	18	55/58/66
9730021	ASC-050	18	9/32/46/47/ 54/55/58/59/ 63/66/67
9730057	ASC-051	18	7/32/58/66
9750002	CAB-004	500	7/14/47
9750005	CAB-007	500	11/16/47/59
9750000	CAB-032	500	47
9750003	CAB-034	500	47
9750001	CAB-052	500	47
9750006	CAB-117	100	47

CODE	MODEL	PACK	PAGE
9750009	CAB-307	500	9/14/47
9750010	CAB-357	7	47
9690038	CCA-004	7	35/36/41/ 49/64
9690022	CCA-200	1	49
9730086	CCV-001	40	46
9100021	CE-753		11
9740004	CEM-001	50	39/42/58/66
9740208	CEM-002	100	39/42
9740225	CEM-003	20	35
9740230	CEM-004		35
9760001	CEX-200	1	6/25
9740227	CME-020	15	6/24
9740005	CMO-002	16	14/15/16/39 42/57/66
9740006	CMO-004	12	8/10/16/39 42/57/66
9740007	CMO-006	16	39/42/57/66
9740008	CMO-008	15	39/42/55/ 57/66
9740009	CMO-010	12	39/42/57/66
9740010	CMO-012	12	39/42/57/66
9740011	CMO-014	12	39/42/57/66
9740012	CMO-016	12	39/42/58/66
9740015	CMO-018	20	39/42/58/66
9740226	CMO-201	18	35/71
9740219	CMO-202	9	35/71
9740220	CMO-204	9	35/71
9740221	CMO-206	6	35/71
9740222	CMO-208	6	35/71
9740223	CMO-210	6	35/71
9740228	CMO-702		24
9740229	CMO-703		24
9730004	CNP-001	50	46/47/59/67
9730030	COL-000	18	56/58
9680025	COV-200		25
9740172	CSU-000	100	40/43
9740100	CSU-211	18	16/17/43
9740101	CSU-212	9	11/17/43
9740102	CSU-213	9	17/43
9740103	CSU-214	8	43/55
9740104	CSU-215	11	43
9740105	CSU-216	11	43
9740106	CSU-217	11	43
9740107	CSU-218	18	43
9740108	CSU-219	18	43

CODE	MODEL	PACK	PAGE
9740163	CSU-311	6	43
9740164	CSU-312	12	43
9740165	CSU-313	9	43
9740166	CSU-314	9	43
9740167	CSU-315	6	43
9740168	CSU-316	6	43
9740169	CSU-317	6	43
9740170	CSU-318	12	43
9740171	CSU-319	12	43
9740186	CSU-511	18	40
9740187	CSU-512	9	9/40
9740188	CSU-513	9	40
9740189	CSU-514	8	40
9740190	CSU-515	11	40
9740191	CSU-516	11	40
9740192	CSU-517	11	40
9740193	CSU-518	18	40
9740194	CSU-519	18	40
9730031	DIV-024	75	59
9730084	DIV-041	17	47
9730079	DIV-061	30	14/47
9730080	DIV-064	18	47
9730032	DIV-124	75	59
9730082	DIV-152	12	8/14/47
9730071	DIV-154	12	47
9730098	DIV-261	30	14/32
9730100	DIV-304		6/25/77
9730101	DIV-308		25
9730099	DIV-324		25
9730033	ESC-010		47/59/67
9690029	EXP-201	1	49
9650001	GCI-001	9	59/68
9650025	GCO-001	7	47
9610044	GRF-302	7	35
9610048	GRF-304	7	35
9790007	HAA-000		25
9790008	HAA-001		25
9700040	KAD-41001	6	17
9700041	KAD-41002	6	17
9700042	KAD-41003	4	17
9700043	KAD-41004	2	16
9700044	KAD-41005	2	17
9700045	KAD-41006	2	17
9700047	KAD-41021	6	17
9700107	KAD-47001	6	15

3.5 Codes and models list

CODE	MODEL	PACK	PAGE
9700116	KAD-50001	6	14
9700119	KAD-67001	6	15
9700037	KAS-41001	10	16
9700038	KAS-41003	6	17
9700135	KAS-41004	4	17
9700039	KAS-41005	4	17
9700046	KAS-41021	10	16
9700104	KAS-42021	6	17
9700106	KAS-47001	10	15
9700131	KAS-47021	10	15
9700115	KAS-50001	12	14
9700118	KAS-67001	6	15
9700103	KBD-42121	6	17
9630048	KMC-12600	10	9
9630054	KMC-13000	10	8
9720107	KVD-47201	4	10
9720109	KVD-47501	4	10
9720145	KVS-30421	6	9
9720150	KVS-30721	6	9
9720156	KVS-31121		7
9720047	KVS-47201	6	10
9720108	KVS-47501	6	10
9720149	KVS-50601	6	8
9720151	KVS-50821	6	8
9690001	LAC-000	40	49
9690002	LAC-001	40	49
9690003	LAC-002	40	49
9690004	LAC-003	40	49
9690005	LAC-004	40	49
9690006	LAC-005	40	49
9690012	LAC-006	40	49
9690013	LAC-007	40	49
9690014	LAC-008	40	49
9690015	LAC-009	40	49
9690016	LAC-010	40	49
9690017	LAC-011	40	49
9690018	LAC-020	40	49
9690037	LPR-002	8	35
9690035	LPR-010	8	34/35/49/71
9690034	LPR-200	12	41/56/64
9690030	LPR-500	20	36
9690033	LPR-900	12	36/49
9730035	MAE-001	10	31/54
9730036	MAE-002	10	31/54

CODE	MODEL	PACK	PAGE
9730090	MAE-003	10	32/54
9730092	MAE-101	10	32/54/63
9730093	MAE-102	10	32/54/63
9730034	MAE-900	8	31/54
9730089	MAE-901	13	32/54
9730091	MAE-902	13	32/54/63
9670115	MAN-410	12	64
9670182	MAN-420	9	40
9670116	MAN-430	12	64
9670118	MAN-441	12	64
9670119	MAN-451	12	64
9670144	MAN-470	12	56
9670164	MAN-500	7	8/14/36
9670168	MAN-501	7	36
9740195	MAR-511	1	39
9740196	MAR-512	1	39
9740197	MAR-513	1	39
9740198	MAR-514	1	40
9740199	MAR-515	1	40
9740200	MAR-516	1	40
9740201	MAR-517	1	40
9740202	MAR-518	1	40
9740203	MAR-519	1	40
9740047	MAR-900	1	42
9740016	MAR-901	1	42
9740017	MAR-902	1	42
9680015	MCC-002	10	54
9670146	MCN-470	9	56
9630080	MCO-300		6/24
9670183	MDN-420	9	40/41
9670151	MDN-442	9	64
9670153	MDN-472	9	56
9670184	MDT-420	9	40/41
9670154	MDT-472	9	56
9790000	MEC-100		24
9790001	MEC-101		24
9790002	MEC-102		24
9790003	MEC-103		25
9790005	MEC-200		25
9790004	MEC-300		25
9790015	MEC-400		25
9660016	MKD-900	9	65
9800153	MLI-000		35
9670021	MLN-000	12	41/64

CODE	MODEL	PACK	PAGE
9670166	MLN-500	20	36
9670086	MLT-000	9	41/56
9670126	MMN-410	9	64
9670128	MMN-430	9	64
9670137	MMN-441	9	64
9670127	MMN-451	9	64
9670145	MMN-470	9	56
9660048	MPD-001	12	56/65
9660049	MPD-002	12	56/65
9660050	MPD-003	9	56/65
9660051	MPD-004	9	57/65
9660052	MPD-005	9	57/65
9660053	MPD-006	9	57/65
9660054	MPD-007	9	57/65
9660055	MPD-008	9	57/65
9660056	MPD-009	13	57/65
9660057	MPD-010	13	57/65
9660058	MPD-011	13	57/65
9660059	MPD-012	13	57/65
9660060	MPD-013	13	57/65
9660061	MPD-014	13	57/65
9660062	MPD-015	10	57/65
9660063	MPD-016	10	57/65
9660151	MPD-102	12	41
9660152	MPD-103	9	41
9660153	MPD-104	9	41
9660154	MPD-105	9	41
9660155	MPD-106	9	41
9660156	MPD-108	9	41
9660157	MPD-110	13	41
9660064	MPD-900	9	57/65
9660065	MPD-901	10	57/65
9660158	MPD-902	9	41
9660159	MPD-903	10	41
9670177	MPN-500	20	36
9660014	MPS-001	12	56/64
9660015	MPS-002	12	56/64
9660000	MPS-003	9	56/64
9660001	MPS-004	9	56/64
9660002	MPS-005	9	56/64
9660003	MPS-006	9	56/64
9660004	MPS-007	9	56/64
9660005	MPS-008	9	56/64
9660006	MPS-009	13	56/65

3.5 Codes and models list

CODE	MODEL	PACK	PAGE
9660007	MPS-010	13	56/65
9660008	MPS-011	13	56/65
9660009	MPS-012	13	56/65
9660010	MPS-013	13	56/65
9660011	MPS-014	13	56/65
9660012	MPS-015	10	56/65
9660013	MPS-016	10	56/65
9660146	MPS-101	12	41
9660147	MPS-102	12	41
9660148	MPS-104	9	41
9660149	MPS-106	9	41
9660150	MPS-108	9	41
9670018	MTN-000	12	41/56/64
9670165	MTN-500	20	36
9630008	MVC-002	10	10/53
9630042	MVC-007	10	31
9630043	MVC-008	10	8/31/
9630049	MVC-009	10	31
9630051	MVC-011	10	31
9630055	MVC-015	10	63
9630045	MVC-130	10	8/31
9630077	MVC-133	1	7
9630075	MVC-140	16	8/31
9630078	MVC-250		24
9630074	MVC-230		6/24
9630072	MVC-630		11
9630073	MVC-640		11
9670045	MVN-302	12	56
9670187	MVN-408	12	40
9670178	MVN-508	20	8/36
9670107	MVN-905	9	56
9679101	MVN-908	12	36
9670186	MVN-920	9	40/41
9800012	PAK-03020	7	54
9800033	PAK-41000	7	55
9800037	PAK-42000	7	55
9800038	PAK-44000	7	55
9800079	PAK-51010	5	36
9800082	PAK-54010	5	36
9800071	PAK-61000	5	58
9800172	PDK-20001		24
9800158	PDK-20002		24
9800171	PDK-20003		24
9800036	PDK-41500	7	55
9800041	PDK-42500	7	55

CODE	MODEL	PACK	PAGE
9800042	PDK-44500	7	55
9800116	PDK-51910	5	36
9800115	PDK-54910	5	36
9800160	PDP-20011		6/24
9800154	PDP-61111		11
9800155	PDP-61112		11
9800156	PDP-61113		11
9800157	PDP-61114		11
9790016	PER-000		25
9690010	PLO-000	7	49
9800159	PNB-600	8	34/35/71
9800006	PNK-00000	7	41/65
9800114	PNK-50000	5	36
9660098	PPD-52101	12	37
9660099	PPD-52102	12	37
9660100	PPD-52103	12	37
9660101	PPD-52104	12	37
9660102	PPD-52105	15	37
9660103	PPD-52106	15	37
9660104	PPD-52107	15	37
9660105	PPD-52108	15	37
9660106	PPD-52109	15	37
9660107	PPD-52110	15	37
9660108	PPD-52111	32	37
9660109	PPD-52112	32	37
9660110	PPD-52113	32	37
9660111	PPD-52114	32	37
9660112	PPD-52115	32	37
9660113	PPD-52116	32	37
9660114	PPD-52201	12	38
9660115	PPD-52202	12	38
9660116	PPD-52203	15	38
9660117	PPD-52204	15	38
9660118	PPD-52205	15	38
9660119	PPD-52206	15	38
9660120	PPD-52207	15	38
9660121	PPD-52208	15	38
9660122	PPD-52209	32	38
9660123	PPD-52210	32	38
9660124	PPD-52211	32	38
9660125	PPD-52212	32	38
9660126	PPD-52213	32	38
9660127	PPD-52214	32	38
9660128	PPD-52215	32	38
9660129	PPD-52216	32	38

CODE	MODEL	PACK	PAGE
9660130	PPD-52900	15	39
9660131	PPD-52901	32	39
9660132	PPD-52902	15	39
9660133	PPD-52903	32	39
9660134	PPD-52904	15	39
9660135	PPD-52905	32	39
9660066	PPS-52101	12	14/37
9660067	PPS-52102	12	14/37
9660068	PPS-52103	12	37
9660069	PPS-52104	12	37
9660070	PPS-52105	15	37
9660071	PPS-52106	15	37
9660072	PPS-52107	15	37
9660073	PPS-52108	15	37
9660074	PPS-52109	15	37
9660075	PPS-52110	15	37
9660076	PPS-52111	32	37
9660077	PPS-52112	32	37
9660078	PPS-52113	32	37
9660079	PPS-52114	32	37
9660080	PPS-52115	32	37
9660081	PPS-52116	32	37
9660082	PPS-52201	12	8/38
9660083	PPS-52202	12	38
9660084	PPS-52203	15	38
9660085	PPS-52204	15	38
9660086	PPS-52205	15	38
9660087	PPS-52206	15	38
9660088	PPS-52207	15	38
9660089	PPS-52208	15	38
9660090	PPS-52209	32	38
9660091	PPS-52210	32	38
9660092	PPS-52211	32	38
9660093	PPS-52212	32	38
9660094	PPS-52213	32	38
9660095	PPS-52214	32	38
9660096	PPS-52215	32	38
9660097	PPS-52216	32	38
9800166	PTD-60201		34
9800146	PTD-60202	9	34
9800167	PTD-60203		34
9800147	PTD-60204	9	34
9800168	PTD-60205		34
9800148	PTD-60206	7	34
9800169	PTD-60207		34

CODE	MODEL	PACK	PAGE
9800149	PTD-60208	7	34
9800170	PTD-60209		34
9800150	PTD-60210	7	34
9800183	PTD-61201		35
9800184	PTD-61202		35
9800185	PTD-61203		35
9800186	PTD-61204		35
9800187	PTD-61205		35
9800188	PTD-61206		35
9800189	PTD-61207		35
9800190	PTD-61208		35
9800191	PTD-61209		35
9800192	PTD-61210		35
9800002	PTN-00000	7	41/55
9800077	PTN-50000		36
9800073	PTN-60000	5	58
9800161	PTS-60201		34
9800141	PTS-60202	9	34
9800162	PTS-60203		34
9800142	PTS-60204	9	34
9800163	PTS-60205	7	34
9800143	PTS-60206	7	34
9800164	PTS-60207	7	34
9800144	PTS-60208	7	34
9800165	PTS-60209	7	34
9800145	PTS-60210	7	34
9800173	PTS-61201		35
9800174	PTS-61202		35
9800175	PTS-61203		35
9800176	PTS-61204		35
9800177	PTS-61205		35
9800178	PTS-61206		35
9800179	PTS-61207		35
9800180	PTS-61208		35
9800181	PTS-61209		35
9800182	PTS-61210		35
9650013	REG-050	17	47
9650021	REG-053	12	47
9650022	REG-054	12	47
9770052	RVE-017	30	14/47
9770054	RVE-018	20	49
9680016	SCC-030	11	54
9630056	SCM-011	11	63
9630004	SCM-030	11	10/53
9630005	SCM-040	11	10

CODE	MODEL	PACK	PAGE
9630031	SCM-051	11	8/31
9630052	SCM-052	11	31
9630046	SCM-150	11	31
9630076	SCM-151	11	8/31
9730054	SSC-001	4	55
9730056	SSC-002	4	55
9730049	SSM-001	8	31/54
9730029	SST-001	8	32/54/63
9680008	TCD-001	10/60	54
9600007	TED-001	10/60	15/53
9600010	TED-002	10/60	10/53
9600041	TEK-602		11
9600001	TEL-001	10/60	16/63
9600009	TEL-002	10/60	63
9600039	TEL-004	10/60	63
9600018	TEL-101	10/60	63
9790014	TER-000		25
9600003	TES-001	10/60	63
9600034	TET-002	10/60	14/31
9600036	TET-004	10/60	31
9600042	TET-302	10/60	31
9600014	TIN-001	10/60	63
9690023	TLM-002	20	49
9690026	TLM-004	20	49
9740001	TOP-100	100	42
9600002	TUN-001	10/60	63
9600011	TUN-002	10/60	63
9600013	TUN-101	10/60	63
9600040	TUN-201	10/60	63
9730076	VEN-003	1	47/59/67
9730077	VEN-005	1	47/59/67
9740109	VIS-111	6	16/17/44
9740110	VIS-112	5	9/11/17/44
9740111	VIS-113	4	17/44
9740112	VIS-114	5	44
9740113	VIS-115	5	44
9740114	VIS-116	5	44
9740115	VIS-117	9	44
9740116	VIS-118	9	44
9740117	VIS-119	9	44
9740118	VIS-121	4	44
9740119	VIS-122	6	44
9740120	VIS-123	12	44
9740121	VIS-124	8	44
9740122	VIS-125	8	44

CODE	MODEL	PACK	PAGE
9740123	VIS-126	8	44
9740124	VIS-127	4	44
9740125	VIS-128	4	44
9740126	VIS-129	4	44
9740127	VIS-131	5	44
9740128	VIS-132	3	44
9740129	VIS-133	3	44
9740130	VIS-134	4	44
9740131	VIS-135	4	44
9740132	VIS-136	4	44
9740133	VIS-137	4	44
9740134	VIS-138	4	44
9740135	VIS-139	4	44
9740136	VIS-211	6	16/45
9740137	VIS-212	4	9/11/45
9740138	VIS-213	4	45
9740139	VIS-214	4	45
9740140	VIS-215	3	45
9740141	VIS-216	3	45
9740142	VIS-217	3	45
9740143	VIS-218	4	45
9740144	VIS-219	4	45
9740145	VIS-221	3	45
9740146	VIS-222	4	45
9740147	VIS-223	2	45
9740148	VIS-224	2	45
9740149	VIS-225	6	45
9740150	VIS-226	6	45
9740151	VIS-227	3	45
9740152	VIS-228	3	45
9740153	VIS-229	3	45
9740154	VIS-231	3	45
9740155	VIS-232	3	45
9740156	VIS-233	2	45
9740157	VIS-234	2	45
9740158	VIS-235	3	45
9740159	VIS-236	3	45
9740160	VIS-237	3	45
9740161	VIS-238	3	45
9740162	VIS-239	3	45
9790009	WSN-100		25
9790011	WSN-200		25
9790012	WSN-300		25
9790013	WSN-400		25
9790010	WSN-500		25

3.6 General terms of trade

The acceptance of orders by ALCAD Electronics S.L. implies the acceptance of the following general terms of trade. These terms take priority over the conditions of purchase that may figure on client order forms or other documents.

1. PRICES

Our unit prices are Ex Works Irún. The price that will be applied is the current price in the country of sale at the date of receipt of order. Orders accepted by our agents are only formalised following our confirmation.

2. TRANSPORT

Transportation costs will be paid for by the client. The risks of transport and problems that could occur during transportation will be at the expense of the client, even when the goods are shipped free delivered. The client will adopt the necessary measures with the transport company the moment the goods are received and will have to confirm by registered letter the event of any loss or damage caused to the goods, and send a copy of the same letter to the shipping agent.

3. DELIVERY TIMES, DELIVERIES, RETURNS AND COMPLAINTS

ALCAD Electronics, S.L. will only accept orders that are confirmed in writing. Delivery times are only indicative and the delays that may occur cannot be held as a reason to refuse the acceptance of the material or as a cause for compensation.

ALCAD Electronics, S.L. reserves the right to organise the delivery of the goods in one or several shipments, and to invoice the goods in accordance with the agreed terms. No return of material will be allowed without the express prior authorisation of ALCAD Electronics, S.L. In the event that the return of the material is accepted, the goods must be in perfect working condition and in their original packing and sent to us carriage-paid with a photocopy of the authorisation of the return and the initial invoice.

Any complaint regarding the delivered material must be made within the 8 days that follow the reception of the goods.

4. GUARANTEE

The material is guaranteed for two years following the date of the invoice for the ALCAD Electronics, S.L. products to the end client and will be validated by the presentation of the purchase document of the product in question.

The guarantee is strictly limited to the replacement of the materials supplied by ALCAD Electronics, S.L., and does not cover any damage or breakdowns due to misuse, incorrect installation, or prohibited manipulation or handling of the materials, carried out by the client before returning the goods to ALCAD Electronics, S.L..

This guarantee does not imply any liability on part of ALCAD Electronics, S.L. for compensation or damages whatsoever.

5. TERMS AND CONDITIONS OF PAYMENT

Each of the agreed terms and conditions of payment will be negotiated with the client and confirmed in writing. Any delay in the agreed date of payment could be cause for an additional invoice to cover the costs of delay and damages.

6. RESERVE OF OWNERSHIP CLAUSE

ALCAD Electronics, S.L. reserves the rights to full ownership of the goods until the purchaser has totally satisfied the full payment of the agreed price. The purchaser is obliged to make every effort to preserve and maintain the goods in perfect order and to cover the goods with a fully comprehensive insurance policy. Should the purchaser fail to satisfy any of their obligations, ALCAD Electronics, S.L. may exercise its rights of ownership and withdraw the goods or demand the fulfilment of the obligation of payment.

7. COMPETENT JURISDICTION

For any question relating to the fulfilment or interpretation of the contract or its incidence, the parties, with the express renunciation of any other body or authority that may correspond to them, agree to submit any dispute to the competence of the courts and tribunals in the jurisdiction of our registered head office.

8. CONCERNING THIS DOCUMENT

The revisions of the designs and the manufacturing processes may obligate Alcad Electronics S.L. to modify some values and specifications of the products. Due to this fact, the technical data included in this Short Form Catalogue are indicative values, as well as the pictures and any drawing or scheme included.

Alcad Electronics S.L. reserves the right to introduce in their products without any previous notice the modifications considered necessary, this not being prejudicial to their main features. Any data or value considered transcendental when placing an order will have to be previously verified by the purchaser, contacting Alcad Electronics S.L..

The item codes are subject to changes without previous notice.

This Short Form Catalogue cancels and replaces all the previous ones.

IPAL

2 HILOS

 2Hcoax
$$Z_{+4}$$

ANNEX

MULTIMEDIA

Reception and distribution
of TV signals |
IPTV

DOOR ENTRY SYSTEMS

Video and audio intercom,
Access Control

HEALTHCARE

Nurse Call Solution
100% IP



ALCAD

www.alcadelectronics.com

Tel. 943.63.96.60
Fax 943.63.92.66
Int.Tel. +34 943.63.96.60
info@alcad.net
Polígono Arreche-Ugaldé, Nº1
Apdo. 455
E-20305 IRUN - Spain

FRANCE: B.P. 60284 - F-64701 HENDAYE - Tel. 00 34 - 943.63.96.60 - Fax 00 34 - 943.63.92.66
UNITED ARAB EMIRATES: Middle East FZE - P.O. Box 54830 W5A DAFZA DUBAI - Tel. +97142146140 - Fax 97142146147
CZECH REPUBLIC: nám. V. Mrštika 40 - 664 81 OSTROVÁČICE - Tel. 546.427.059 - Fax 546.427.212
TURKEY: Izpark Plaza, Vezirköprü Cd. Ordu Sk. N:23A D:29 - 34880 Kartal/Istanbul TURKEY -
Tel. +90 216 380 93 17 - Fax +90 216 380 93 63

