

DOOR ENTRY SYSTEMS

Video and audio intercom | Access control



#signal_hunters



SHORT FORM
CATALOGUE

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YOUR HOME, YOUR NEST

A home is a nest, a refuge to rest from the hustle and bustle of everyday life. Because we are aware of this, at ALCAD Electronics we have updated our DOOR ENTRY SYSTEMS (DES) product catalogue to improve the lives of families.

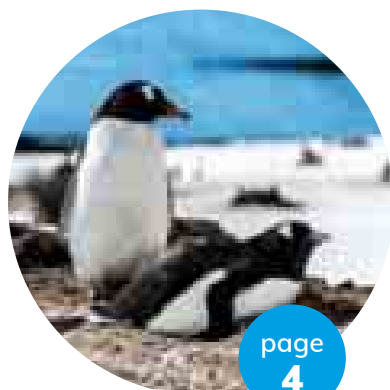
With **100% IP solutions for Home Automation** and **2-WIRE, DIGITAL** or **4+N systems**, both for villas and buildings. With access control and taking accessibility into account. And with all our guarantee.



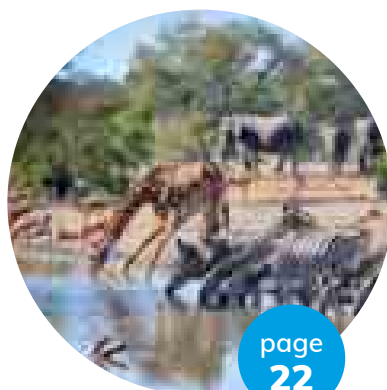
Short form catalogue
DOOR ENTRY SYSTEMS (DES)
January 2020

How to choose the best solution for your installation

- 1 Choose between our 4 **systems**: IPAL (100% IP), 2-WIRE, DIGITAL and 4+N
- 2 Based on the **type of installation**, select the items you want to include:



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SOLUTIONS FOR: VILLAS & SMALL FACILITIES

- The **Kits by ALCAD** are designed for small installations, mostly villas. Choose a system and select between:
 - Video door entry kits
 - Audio door entry kits
- If necessary, choose your **accessories**. Including:
 - Electric locks
 - Additional entry panels
 - Additional handsets / monitors

SOLUTIONS FOR: BUILDINGS

- All of our **systems for buildings** are designed to meet different needs. Start by choosing the system that best suits your installation – if you have any questions, you will find:
 - Summary of technologies
 - Comparison of features
- The elements of each system are **arranged in sections in a hierarchical way**, so that you can add, in a comfortable way, everything that you will need. Basically:
 - Indoor terminals
 - Entrance panels
 - Vandalproof entrance panels
 - Electric locks
 - Guard unit *
 - Power supply units, splitters
- At the end of each section you will find a list of related accessories.
- At the end of each system you will find standard examples to perform:
 - Diagrams
 - Quotes
- Finally, you can also add our **iACCESS access control system**, compatible with all the ALCAD systems.

APPENDIX

We answer all your **queries** related to:

- Special product orders and custom manufacturing products:
 - Examples of special products orders
- Choice of accessories for entrance panels: flush-mounted boxes, surface boxes and rain shields.
 - Dimensions and accessories
- Complete lists of products, both by code and by model.
 - Lists of products

VILLAS

BUY.
CHOOSE.
INSTALL.

The kits by ALCAD for villas and small facilities are prepared with all the elements you need for commissioning. Choose between video or audio and the technology that best suits your needs: **IP, 2-WIRE, DIGITAL** or **4+N**.



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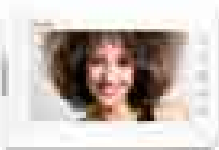
■ Audio door entry kits

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VIDEO DOOR ENTRY KITS

Feature summary

		ENTRANCE PANEL	HANDSET	MODEL (Number of villas)
	(page 8)			KIP-00300 (1 villa)
	(page 8)			 KVS-31121 (1 villa)
	(page 10)			 KVS-50921 (1 villa) KVS-50821 (1 villa) KVS-50601 (1 villa)
	(page 12)			KVS-30421 (1 villa) KVS-30721 (1 villa)
	(page 14)			KVS-47201 (1 villa) KVD-47201 (2 villas) KVS-47501 (1 villa) KVD-47501 (2 villas)

 Until end of stock

 New

											VIDEO DOOR ENTRY KITS
											AUDIO DOOR ENTRY KITS
											IPAL
											2 WIRES
											DIGITAL
											4+N
											ACCESS
											EXAMPLES OF ORDERS
											DIMENSIONS & ACCESSORIES
											LISTS OF PRODUCTS
											LEGAL
WIRING	ENTRANCE PANEL MOUNTING	ADDITIONAL ENTRANCE PANEL	INDOOR UNIT SCREEN	HANDS-FREE	IMAGE CAPTURE	INTERCOMMUNICATION	NO. OF ADDITIONAL INDOOR UNITS	MAXIMUM DISTANCE WITHOUT ADDITIONAL ACCESSORIES	EXPANDABLE DISTANCE WITH ACCESSORIES	INCLUDES ELECTRIC LOCK	
IP	Flush-mounted / Surface	No limit	7"	YES	YES (VIDEO)	YES (AUDIO + VIDEO)	+1	No limit	Does not apply	NO	
2 wires	Surface	+0	7"	YES	YES	YES	+1	100m	NO	NO	
2 wires	Flush-mounted	+5	4"	YES	NO			340m		NO	
			7"	YES	YES	NO	+5	265m	YES	NO	
			3'5"	NO	NO			545m		YES	
2 wires	Surface	+0	7"	YES	NO YES	YES	+2	180m	NO	NO	
4 wires + coax 4 wires + twisted pair	Flush-mounted	+9	3'5"	NO	NO	NO	+3 per villa	100m	NO	YES	

Kit IPAL (Shortly)

100%
IP



1 VILLA KIT

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 vandalproof flush-mounted entrance panel with one push-button and integrated keyless RFID access control.

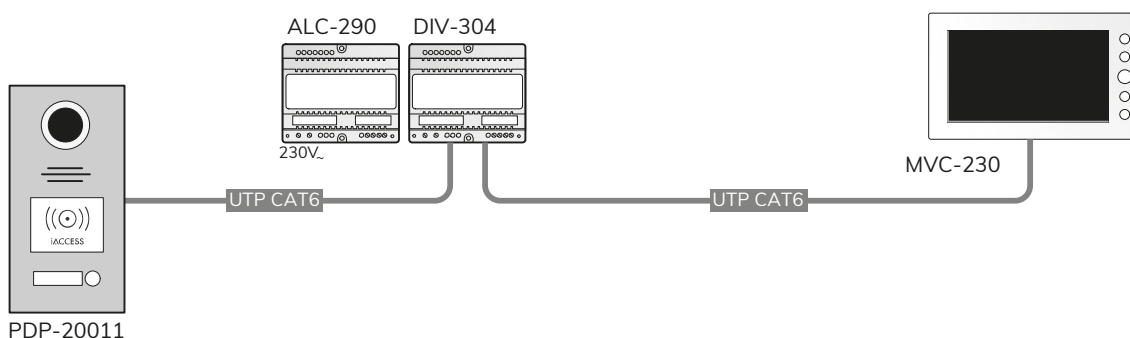
THE KIT INCLUDES:

CODE	MODEL	DESCRIPTION
9800160	PDP-20011	1 push-button entrance panel (with flush-mounted box)
9630074	MVC-230	IPAL KABI7" Wi-Fi white indoor unit
9740227	CME-020	IPAL 86x86 standard flush box
9730100	DIV-304	Tap-off switch (4 outputs)
9620023	ALC-290	48V DC 65,3 VA 100-240 VAC power supply
9690018	LAC-020	Set of 5 proximity keys for residents
9430075	RFI-252	RFID card MIFARE (2 units)



/ Accessories

QTY.	CODE	MODEL	DESCRIPTION
SECOND INDOOR UNIT			
1 unit	9630074	MVC-230	Hands-free white KABI7" indoor monitor with integrated Wi-Fi and RF chipsets for IPAL system
1 unit	9630080	MCO-300	KABI7" indoor monitor wired alarms connector (4 inputs)
1 unit	9740227	CME-020	Standard 86x86mm flushed box
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
RECOMMENDED CABLE			
-	9300065	TCA-100	Category 6 solid UTP cable, LSZH (305m)
ACCESS CONTROL			
1 unit	9690018	LAC-020	Set of 5 proximity keys for residents
1 unit	9430075	RFI-252	RFID card MIFARE



Kit ERLEA



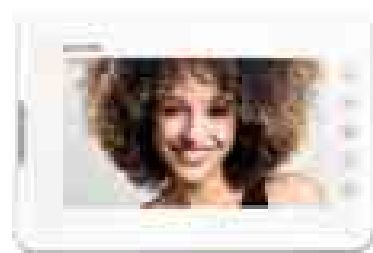
1 VILLA KIT 7" INDOOR UNIT

9720156 **KVS-31121**

ERLEA hands-free kit with 1 single push-button, 2-wires 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



Until end of stock

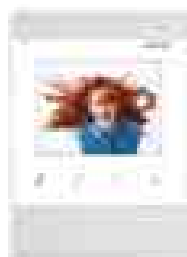
/ Accessories

QTY.	CODE	MODEL	DESCRIPTION
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. 15 VDC
SIMPLE ELECTRIC LOCK FOR SECOND DOOR			
1 unit	9730062	ABR-015	Simple electric lock. 15 VDC
1 unit	9730057	ASC-051	Timed relay for door opener maneuver
1 unit	9620011	ALM-040	25VA power supply, 12VAC and 15VDC
RECOMMENDED CABLE			
-	9750005	CAB-007	Sleeved cable 2 x 0,5 mm ² (by 100m coils)



Kits iBLACK

FLUSH-MOUNTED



2_H

1 VILLA KIT 4" ENARA INDOOR UNIT

9720164 **KVS-50921**

iBLACK kit for 1 villa, ENARA hands-free 4" indoor unit and 1 single push-button entrance panel.

THE KIT INCLUDES:

CODE	MODEL	DESCRIPTION
9670164	MAN-500	Push-button audio unit module
9670178	MVN-508	Generic colour video unit
9660082	PPS-52201	iBLACK ent. panel 1 single p.but., window 2 mod.
9740006	CMO-004	Flush-mounted box for 3 or 4 storeys
9650004	ALS-020	Power supply unit interface
9630075	MVC-140	ENARA hands-free 4" indoor unit

New

2_H



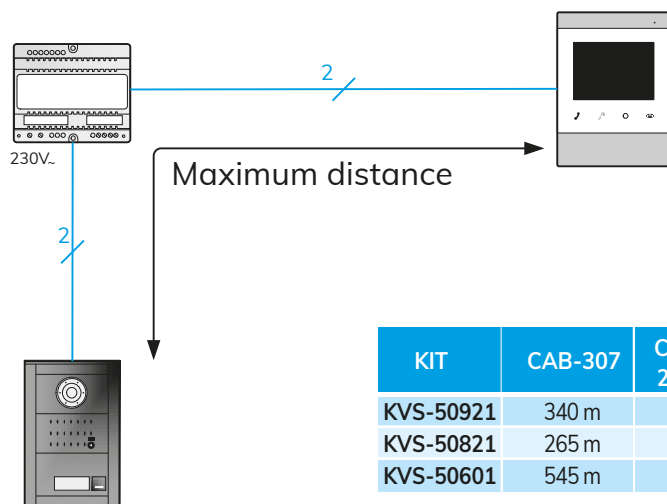
1 VILLA KIT 7" INDOOR UNIT

9720151 **KVS-50821**

iBLACK hands-free kit with 1 single push-button, 2-WIRE system with white indoor unit with automatic image capture when calls are unanswered.

THE KIT INCLUDES:

CODE	MODEL	DESCRIPTION
9670164	MAN-500	Push-button audio unit module
9670178	MVN-508	Generic colour video unit
9660082	PPS-52201	iBLACK ent. panel 1 single p.but., window 2 mod.
9740006	CMO-004	Flush-mounted box for 3 or 4 storeys
9650004	ALS-020	Power supply unit interface
9630045	MVC-130	7" hands-free indoor unit
9630076	SCM-151	Connect. bracket HFMM 2 wires cascade



KIT	CAB-307	CAB-007 2x1 mm ²	CAB-004 2x0,5 mm ²	2x0,25 mm ²	TCA-100 UTP CAT6
KVS-50921	340 m	175 m	175 m	130 m	115 m
KVS-50821	265 m	210 m	130 m	65 m	55 m
KVS-50601	545 m	210 m	210 m	155 m	140 m



1 VILLA KIT WITH 3,5" INDOOR UNIT

9720149 **KVS-50601**

iBLACK Kit with 1 single push-button entrance panel, and 3,5" indoor unit.

THE KIT INCLUDES:

CODE	MODEL	DESCRIPTION
9670164	MAN-500	Audio unit module
9670178	MVN-508	Generic colour video unit module
9660082	PPS-52201	iBLACK ent. panel 1 single p.but., window 2 mod.
9740006	CMO-004	Flush-mounted box for 3 or 4 storeys
9650004	ALS-020	Power supply unit interface
9630043	MVC-008	2-Wires colour indoor unit, Linea 201 aesthetic
9630031	SCM-051	Indoor unit connections support
9730062	ABR-015	Standard electric lock. 15VDC



/ Accessories

QTY.	CODE	MODEL	DESCRIPTION
SECOND ENTRANCE PANEL			
1 unit	9670164	MAN-500	Audio unit module. Speaker and microphone
1 unit	9670178	MVN-508	Generic colour video unit module
1 unit	9660082	PPS-52201	Entrance panel with 1 single push-button and windows for 2 entrance panel modules
1 unit	9740006	CMO-004	Flush-mounted box for 3 or 4 storeys
1 unit	9730082	DIV-152	Splitter, 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	When connected to the entrance panel, it allows the use of the auxiliary buttons on the monitors
RAIN-SHIELD FOR ENTRANCE PANEL			
1 unit	9740110	VIS-112	Single rain-shield for 3 or 4 storeys
SURFACE BOX + RAIN-SHIELD FOR ENTRANCE PANEL			
1 unit	9740187	CSU-512	iBLACK simple surface box for 3 or 4 storeys
1 unit	9740137	VIS-212	Single rain-shield for surface box for 3 or 4 storeys
ELECTRONIC CALL EXTENSION			
1 unit	9730019	AAL-200	Electronic call extension to be used on installations with electronic call
RECOMMENDED CABLE			
-	9750009	CAB-307	Optimized screened sleeved cable 2x1 mm ² (by 100m coils)

Kits Zamac

SURFACE MOUNTED



1 VILLA KIT WITH 7" HANDS-FREE INDOOR UNIT WITH AUTOMATIC IMAGE CAPTURE

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.

THE KIT INCLUDES:

CODE	MODEL	DESCRIPTION
-	-	1 push-button Zamac entrance panel
9630044	MVC-126	Hands-free white entrance panel Captu kit
9630039	SCM-160	Hands-free indoor unit connection support
9620016	ALC-030	DC 22 VA 230/240 VAC power supply



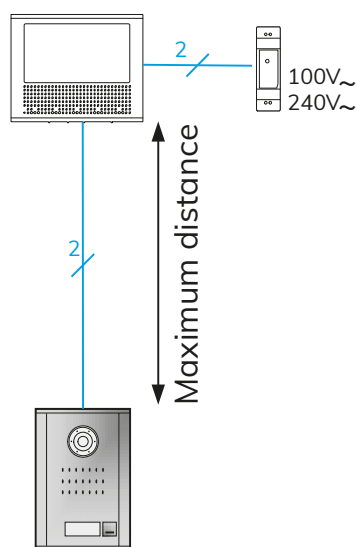
1 VILLA KIT WITH 7" HANDS-FREE INDOOR UNIT

9720145 **KVS-30421**

Hands-free kit with 1 single pushbutton, 2-WIRE system with white indoor unit and surface entrance panel.

THE KIT INCLUDES:

CODE	MODEL	DESCRIPTION
-	-	1 push-button Zamac entrance panel
9630041	MVC-125	Monitor manos libres kit colour
9630039	SCM-160	Hands-free indoor unit connection support
9620016	ALC-030	DC 22 VA 230/240 VAC power supply



KIT	CAB-307	CAB-007 2x1 mm ²	CAB-004 2x0,5 mm ²	2x0,25 mm ²	TCA-100 UTP CAT6
KVS-30421	180 m	100 m	80 m	60 m	90 m
KVS-30721	180 m	100 m	80 m	60 m	90 m

/ Accessories

QTY.	CODE	MODEL	DESCRIPTION
SECOND HANDS-FREE INDOOR UNIT (WITHOUT CAPTURE)			
1 unit	9630047	KMC-12500	Additional hands-free colour indoor unit set. Includes everything necessary for the installation of an extra MVC-125 indoor unit
SIMPLE ELECTRIC LOCK			
1 unit	9730062	ABR-015	Standard electric lock. 15 VDC
CONNECT EXISTING AC ELECTRIC LOCK			
1 unit	9730021	ASC-050	Timed relay for door opener maneuver
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			
-	9750009	CAB-307	Optimized screened sleeved cable 2x1 mm ² (by 100m coils)

Kits DIGITAL



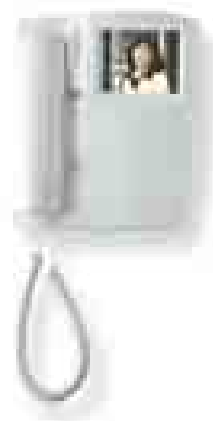
1 VILLA KIT 3,5" MONITOR 4 WIRES + COAXIAL

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:

CODE	MODEL	DESCRIPTION
-	-	Entrance panel 4+coaxial 1 push-button
9630008	MVC-002	Digital colour video indoor unit
9630004	SCM-030	Connec. bracket for digital indoor unit coax
9620015	ALC-041	Power supply unit DC 25 VA 230/240 VAC
9730062	ABR-015	Simple electric lock. 15 VDC
9740006	CMO-004	Flush-mounted box for 3 or 4 storeys



1 VILLA KIT 3,5" MONITOR 4 WIRES + TWISTED PAIR

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:

CODE	MODEL	DESCRIPTION
-	-	Entrance panel 4+twisted pair 1 push-button
9630008	MVC-002	Digital colour video indoor unit
9630005	SCM-040	Connec. Digital indoor unit twisted pair
9620015	ALC-041	Power supply unit DC 25 VA 230/240 VAC
9730062	ABR-015	Simple electric lock. 15 VDC
9740006	CMO-004	Flush-mounted box for 3 or 4 storeys

2 VILLAS KIT 3,5" MONITOR 4 WIRES + COAXIAL

9720107 **KVD-47201**

Video door entry Kit with 1 double push-button and digital system, 4 wires BUS and coaxial with colour indoor unit.

THE KIT INCLUDES:

- The same as **KVS-47201** but with two push-button entrance panel, two indoor units and two connection supports.

2 VILLAS KIT 3,5" MONITOR 4 WIRES + TWISTED PAIR

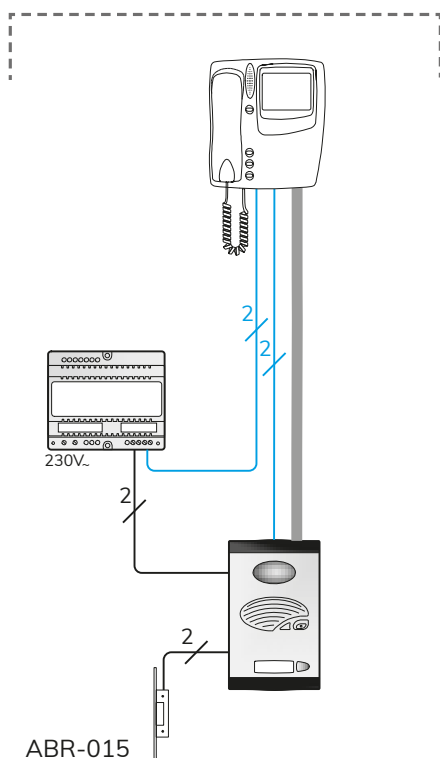
9720109 **KVD-47501**

Digital video door entry kit with 1 double push-button, 4 wires BUS and twisted pair, with colour indoor unit.

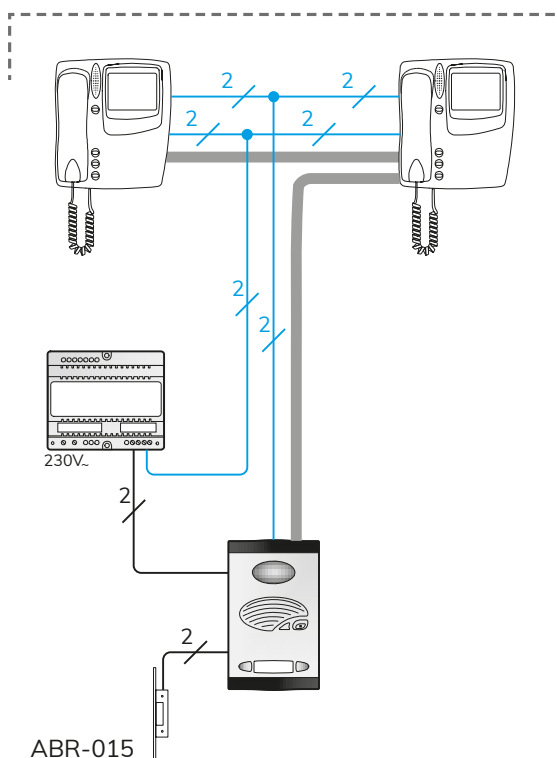
THE KIT INCLUDES:

- The same as **KVS-47501** but with two push-button entrance panel, two indoor units and two connection supports.

KIT 1 VILLA



KIT 2 VILLAS



KIT			
KVS-47201	CAB-007	CAB-007	CE-753
KVD-47201	2x1mm ²	2x1mm ²	COAX 75Ω
KVS-47501	Up to 100m	Up to 25m	TCA-100
KVD-47501			UTP CAT6

/ Accessories

QTY.	CODE	MODEL	DESCRIPTION
4-WIRE + COAX SECOND INDOOR UNIT			
1 unit	9630008	MVC-002	Video door entry system digital colour 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 colour 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
ENTRANCE PANEL RAIN-SHIELD			
1 unit	9740110	VIS-112	Single rain-shield for 3 / 4 storeys
SURFACE BOX + ENTRANCE PANEL RAIN-SHIELD			
1 unit	9740101	CSU-212	Simple surface box for 3 / 4 storeys
1 unit	9740137	VIS-212	Single rain-shield for surface box for 3 / 4 storeys
ELECTRONIC CALL EXTENSION			
1 unit	9730019	AAL-200	Electronic call extension. To be used with electronic call installations
RECOMMENDED CABLE			
-	9750005	CAB-007	Sleeved cable 2x1 mm ² (by 100m coils)
-	9100021	CE-753	7 mm, 17dB/100m 800 MHz coaxial cable (by 100m coils)
-	9300065	TCA-100	Solid UTP category 6 cable, LSZH (by 100m coils)

AUDIO DOOR ENTRY KITS

Feature summary

		ENTRANCE PANEL	HANDSET	MODEL (Number of villas)
 L201	(page 18)			KAS-47021 (1 villa)  KAS-47001 (1 villa) KAD-47001 (2 villas)
 VANDAL- PROOF	(page 18)			 KAS-67001 (1 villa)  KAD-67001 (2 villas)
	(page 20)			 KAS-41001 (1 villa) KAS-41021 (1 villa)  KAD-41001 (2 villas) KAD-41021 (2 villas) KAS-41003 (3 villas)  KAS-41004 (4 villas) KAD-41002 (4 villas)  KAS-41005 (5 villas)  KAD-41003 (6 villas)  KAD-41004 (8 villas)  KAD-41005 (10 villas)  KAD-41006 (12 villas)

 Until end of stock

									AUDIO DOOR ENTRY KITS	IPAL	2 WIRES	VIDEO DOOR ENTRY KITS			
WIRING	ENTRANCE PANEL MOUNTING	ADDITIONAL ENTRANCE PANELS	NO. OF ADDITIONAL HANDSETS	NO. OF PUSH-BUTTONS ON HANDSET	DO NOT DISTURB FUNCTION	MAXIMUM DISTANCE WITHOUT ADDITIONAL ACCESSORIES	EXPANDABLE DISTANCE WITH ACCESSORIES	INCLUDES ELECTRIC LOCK	DIGITAL	4+N	I ACCESS	EXAMPLES OF ORDERS	DIMENSIONS & ACCESSORIES	LISTS OF PRODUCTS	LEGAL
2 wires	Flush-mounted	+9	+3 per villa	1	NO	100m	NO	NO	YES	YES					
2 wires	Flush-mounted	+9	+3 per villa	1	NO	100m	NO	YES							
4+N	Flush-mounted	+0	+3 per villa	1	NO	100m	NO	YES							
								NO							
								YES							
								NO							
								YES							
								YES							
								YES							
								YES							
								YES							

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Kits DIGITAL



1 VILLA KIT 201 LINE ENTRANCE PANEL

9700131 **KAS-47021**

1 villa. DIGITAL door entry kit with 1 single push-button. 201 Line entrance panel.

THE KIT INCLUDES:

CODE	MODEL	DESCRIPTION
-	-	201 Line DIGITAL entrance panel. 1 push-button
9600007	TED-001	1 push-button DIGITAL
9740005	CMO-002	Flush-mounted box for 1 / 2 storeys
9620015	ALC-041	Power supply unit DC 25 VA 230/240 VAC

1 VILLA KIT. 201 LINE ENTRANCE PANEL WITH ELECTRIC LOCK

9700106 **KAS-47001**

1 villa. DIGITAL door entry kit with 1 single push-button, 2-wires BUS. With electric lock.

THE KIT INCLUDES:

- The same as **KAS-47021** but with 9730062 / **ABR-015** electric lock.

2 VILLA KIT 201 LINE ENTRANCE PANEL

9700107 **KAD-47001**

2 villas. DIGITAL door entry kit with 1 double pushbutton, 2-wires BUS.

THE KIT INCLUDES:

- The same as **KAS-47021** but with 2 push-button entrance panels, 2 handsets and 9730062 / **ABR-015** electric lock.



1 VILLA KIT. VANDAL-PROOF ENTRANCE PANEL

9700118 **KAS-67001**

1 villa. Vandal-proof kit, 1 single push-button, with 2-wire DIGITAL system.

THE KIT INCLUDES:

CODE	MODEL	DESCRIPTION
-	-	Vandal proof entrance panel. 1 push-button
-	-	Metal flush-mounted box
9600007	TED-001	1 push-button DIGITAL handset
9620015	ALC-041	Power supply unit DC 25 VA 230/240 VAC
9730062	ABR-015	Standard electric lock. 15 VDC

2 VILLAS KIT. VANDAL-PROOF ENTRANCE PANEL

9700119 **KAD-67001**

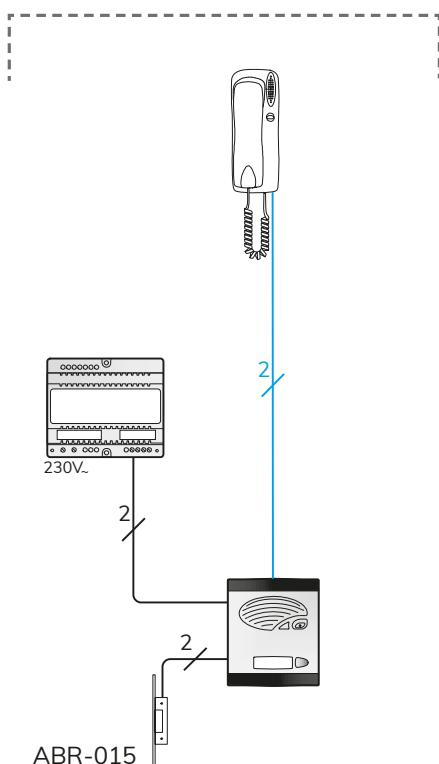
2 villas. Vandal-proof kit with 1 double push-button, with 2-wire DIGITAL system.

THE KIT INCLUDES:

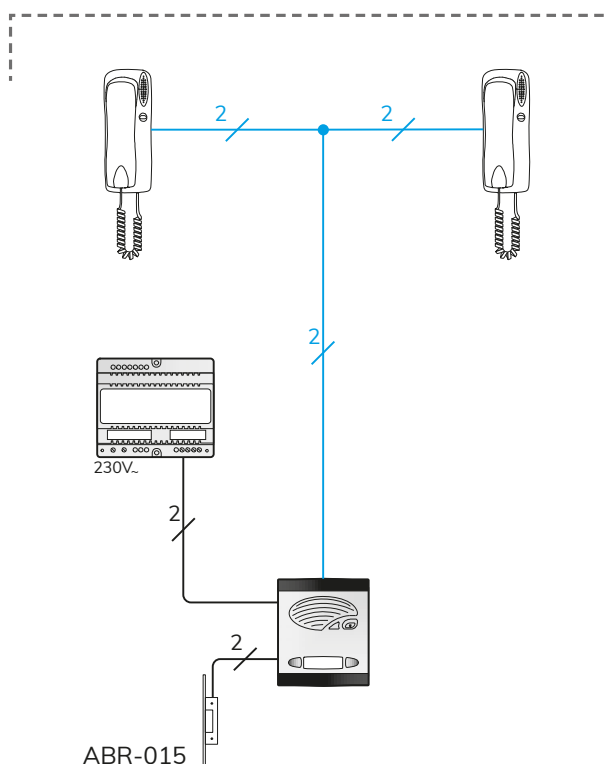
- The same as **KAS-67001** but with 2 push-button entrance panels and 2 9600007 / **TED-001** handsets.

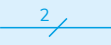
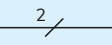
Until end of stock

KIT 1 VILLA



KIT 2 VILLAS



KIT		
KAS-47021	CAB-007 2x1mm ² Up to 100m	CAB-007 2x1mm ² Up to 25m
KAS-47001		
KAD-47001		
KAS-67001		
KAD-67001		

/ Accessories

QTY.	CODE	MODEL	DESCRIPTION
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	25VA, 12VAC power supply unit
STANDARD ELECTRIC LOCK			
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 / 2 storeys
SURFACE BOX + L201 ENTRANCE PANEL RAIN-SHIELD			
1 unit	9740100	CSU-211	Simple surface box for 1 / 2 storeys
1 unit	9740136	VIS-211	Single rain-shield for surface box for 1 / 2 storeys
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			
-	9750005	CAB-007	2x1mm ² sleeved cable (by 100m coils)

Kits 4+N



4_N

1 VILLA KIT. 4+N HANDSET AND 201 LINE ENTRANCE PANEL

9700046 **KAS-41021**

1 villa, 4+N conventional handset with 1 single push-button and 201 Line flush-mounted entrance panel with 1 push-button.

THE KIT INCLUDES:

CODE	MODEL	DESCRIPTION
-	-	Conventional 201L entrance panel. 1 push-button
9600001	TEL-001	Handset with electronic call
9740005	CMO-002	Flush-mounted box for 1 / 2 storeys
9620002	ALA-020	16 VA 230/240 VAC kit power supply unit



4_N

4 VILLAS KIT. 4+N HANDSET AND 201 LINE ENTRANCE PANEL

9700041 **KAD-41002**

4 villas kit, 4 4+N conventional handsets with 1 push-button and 201 Line entrance panel with 4 push-buttons.

THE KIT INCLUDES:

CODE	MODEL	DESCRIPTION
-	-	Conventional 201L entrance panel. 4 push-buttons
9740005	CMO-002	Flush-mounted box for 1 / 2 storeys
9600001	TEL-001	Handset with electronic call (4 units)
9620002	ALA-020	16 VA 230/240 VAC kit power supply unit
9730000	ABR-001	Standard electrick lock. 12 VAC

1 VILLA KIT. 4+N HANDSET AND 201 LINE ENTRANCE PANEL

9700037 **KAS-41001**

1 villa kit with 1 single push-button, 4+N call system.

THE KIT INCLUDES:

- The same as **KAS-41021** but with 9730000 / **ABR-001** electric lock.

8 VILLAS KIT. 4+N HANDSET AND 201 LINE ENTRANCE PANEL

9700043 **KAD-41004**

8 villas kit, 8 4+N conventional handsets with 1 push-button and 201 Line flush-mounted entrance panel with 4 push-buttons.

THE KIT INCLUDES:

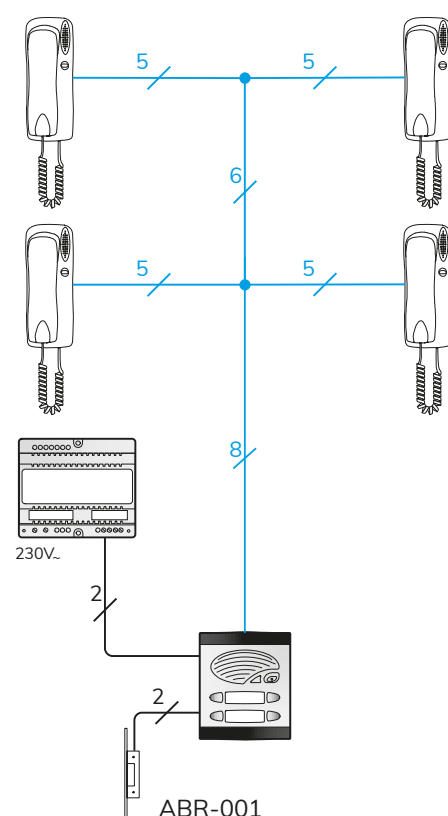
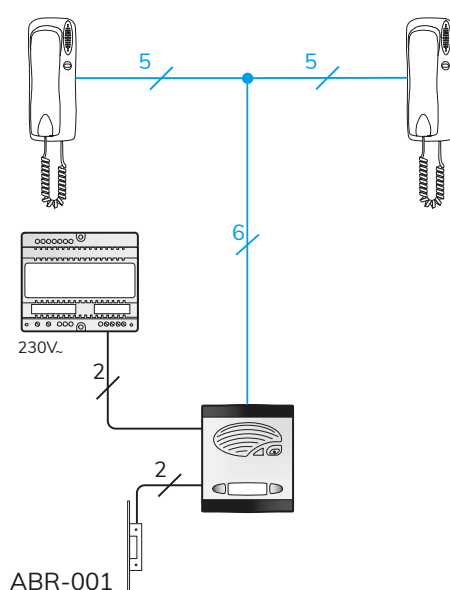
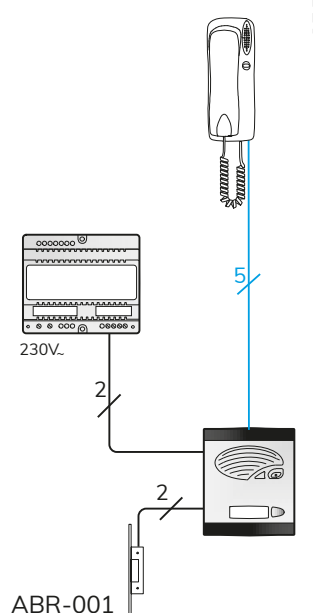
CODE	MODEL	DESCRIPTION
-	-	Conventional 201L entrance panel. 8 push-buttons
9740006	CMO-004	Flush-mounted box for 3 / 4 storeys
9600001	TEL-001	Handset with electronic call (8 units)
9620002	ALA-020	16 VA 230/240 VAC kit power supply unit
9730000	ABR-001	Standard electrick lock. 12 VAC

☀ Until end of stock

KIT 1 VILLA

KIT 2 VILLAS

KIT 4 VILLAS



KIT	N	2
KAS-41021	Nx0,25mm ² Up to 100m	CAB-007 2x1mm ² Up to 25m
KAS-41021		
KAS-41003		
KAD-41002		

/ Other kits

CODE	MODEL	DESCRIPTION
9700040	KAD-41001	2 villas kit (1 double push-button)
9700047	KAD-41021	2 villas kit (1 double push-button). Without electric lock
9700038	KAS-41003	3 villas kit (3 single push-buttons)
9700135	KAS-41004	4 villas kit (4 single push-buttons)
9700039	KAS-41005	5 villas kit (5 single push-buttons)
9700042	KAD-41003	6 villas kit (3 single push-buttons)
9700044	KAD-41005	10 villas kit (5 single push-buttons)
9700045	KAD-41006	12 villas kit (6 single push-buttons)

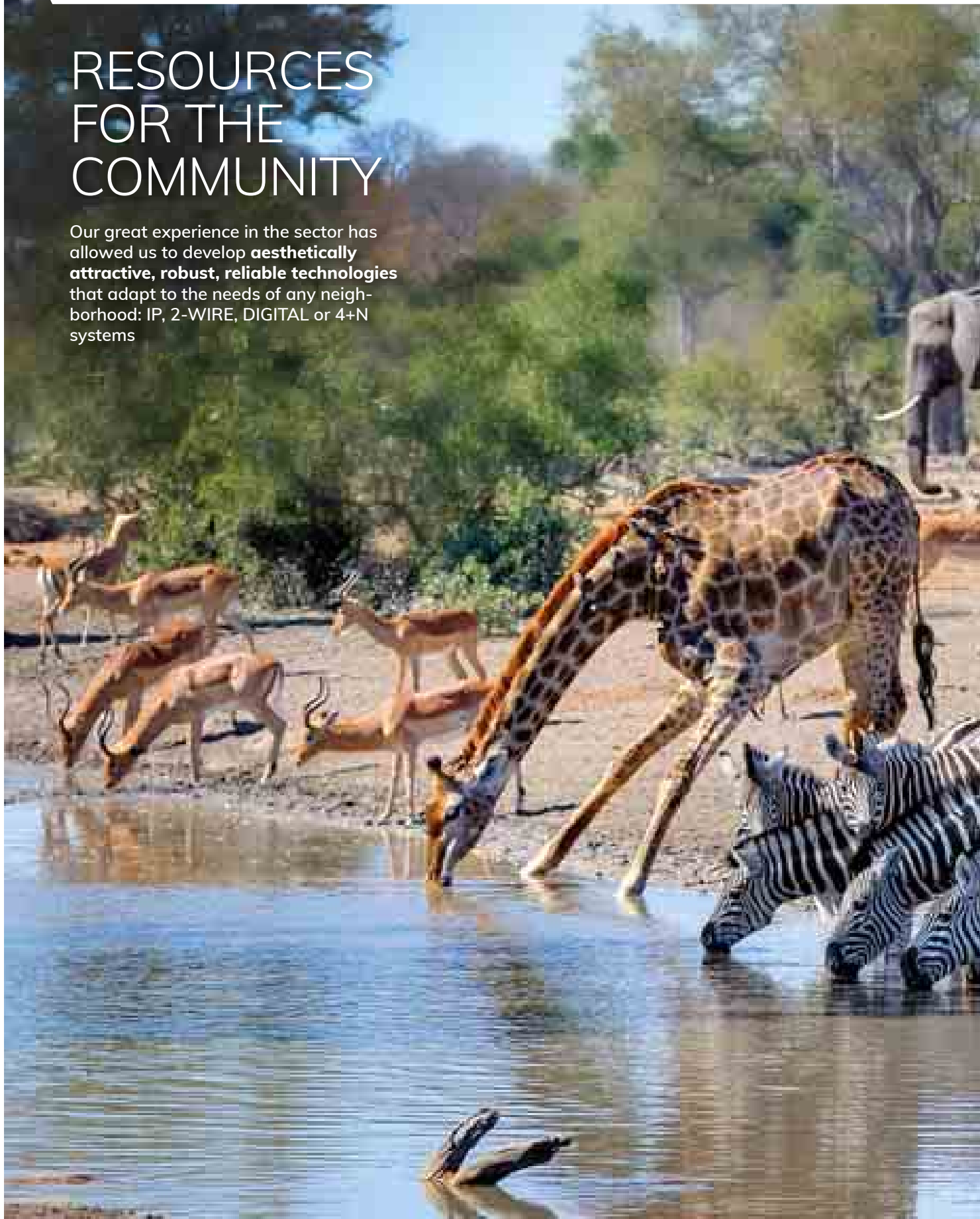
/ Accessories

CODE	MODEL	DESCRIPTION
RAIN-SHIELDS		
9740109	VIS-111	Single rain-shield for 1 / 2 storeys
9740110	VIS-112	Single rain-shield for 3 / 4 storeys
9740111	VIS-113	Single rain-shield for 5 / 6 storeys
SURFACE BOXES		
9740100	CSU-211	Surface boxes for 1 / 2 storeys
9740101	CSU-212	Surface boxes for 3 / 4 storeys
9740102	CSU-213	Surface boxes for 5 / 6 storeys
ELECTRONIC CALL EXTENSION		
9730019	AAL-200	Electronic call extension for electronic call installations

BUILDINGS

RESOURCES FOR THE COMMUNITY

Our great experience in the sector has allowed us to develop **aesthetically attractive, robust, reliable technologies** that adapt to the needs of any neighborhood: IP, 2-WIRE, DIGITAL or 4+N systems



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Summary of technologies



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 Wi-Fi 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.



Authentic Plug & Play



No limits



All-in-one security solution



Free app without additional hardware



Bidirectional video intercommunication



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.



Easy installation



Wide product range



Up to 600m and 1,500 houses



Reuses existing wiring



Flexible topology



Image capture

CHARACTERISTICS TABLE

Wiring	2 non-polarized wires, flexible topology
Cable types	- Parallel 2x1mm ² ALCAD Optimized CAB-307
	- Common Parallel (2x1mm ² , 2x0,5mm ² ...)
	- Twisted pair
	- UTP CAT5
Cable types	- Replacing of a doorbell (2 wires)
	- 4+N cable
Note: Performance may vary depending on the cable used. Recommended cable: Parallel 2x1mm ² ALCAD Optimized CAB-307 .	
Max. distance outdoor entrance panel to indoor unit	600m
No. of homes	1,500
Terminal connections	2 unpolarized wires. Possibility of connection in derivation or cascade (from housing to housing)
Supply voltage	18Vcc



The **DIGITAL** system is a 2-wires 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.



Easy installation



Up to 200m and
950 houses



Guard unit
(concierge)

CHARACTERISTICS TABLE

Wiring	2 non-polarized wires, flexible topology. ⁽¹⁾
Cable types	- Parallel 2x1mm ² (for distances up to 100m) - Parallel 2x2,5mm ² (for maximum distances from 100m to 200m).
Max. distance outdoor entrance panel to indoor unit	200m
No. of homes	950
Terminal connections	2 non-polarized wires. Possibility of connection in derivation or cascade (from housing to housing). ⁽²⁾
Supply voltage	15Vcc

⁽¹⁾ The bus between the entrance panel and the handset 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, the wiring is 4 wires + coaxial



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.



Standard 4+N
system



Multiple accesses 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 mm ²) - Power supply: Parallel 2x1mm ² .
Max. distance outdoor entrance panel to indoor unit	100m
No. of homes	200
Terminal connections	5 wires
Supply voltage	12Vca

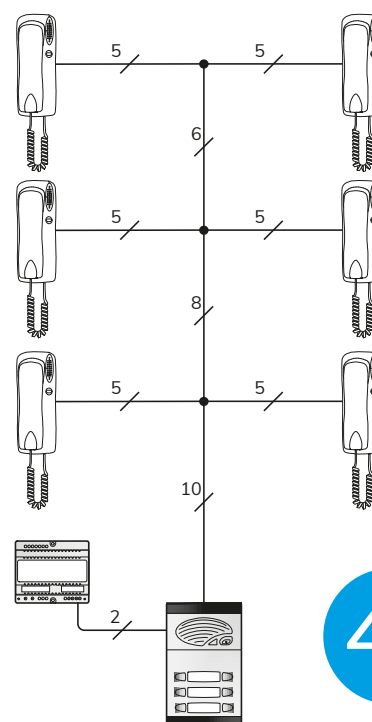
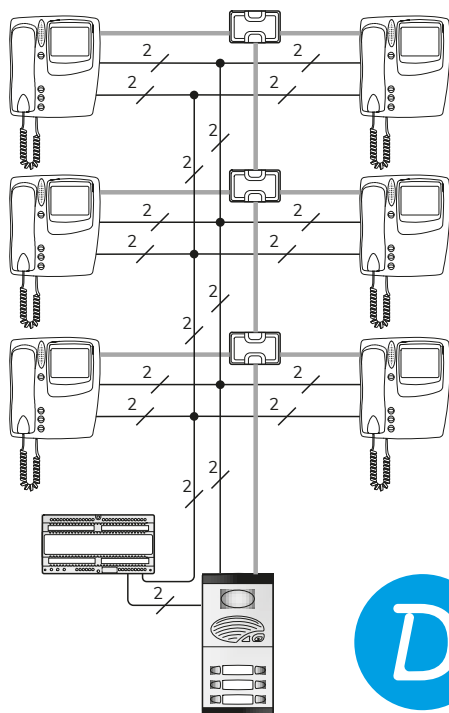
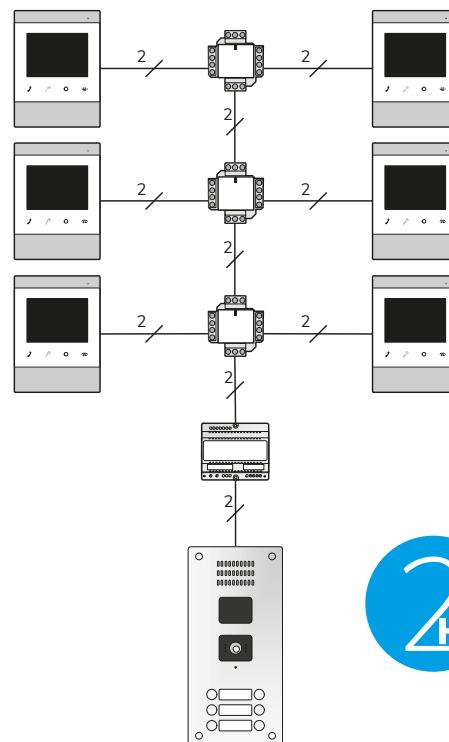
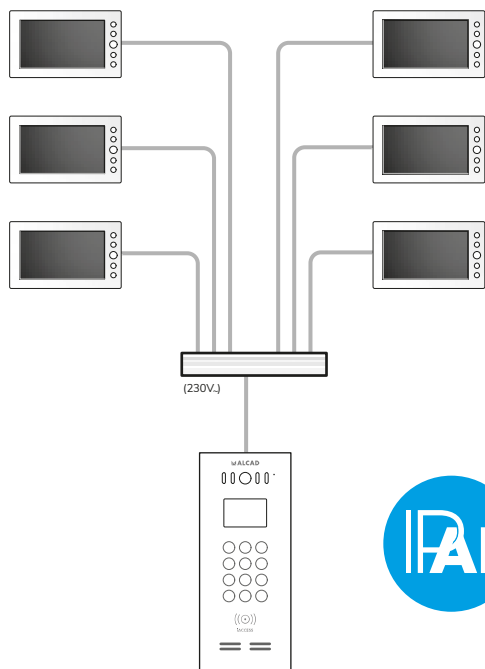
⁽¹⁾ N refers to the number of calls, or number of housings.

Comparative of technologies

	IPAL	2 _H	D	4 _{TN}
Building (Replacement using the existing wiring)		✓		✓
Small buildings	✓	✓	✓	✓
Medium size buildings	✓	✓	✓	
Large size 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	1.500	950	200
Guard unit	✓		✓	
Integration with iACCESS system	✓	✓	✓	✓
Communication secret	✓	✓	✓	✓ ✗ ⁽²⁾
Remote visitors call, door and home automation management	✓ ⁽⁴⁾			
Indoor units with video and image capture	✓	✓		
Intercommunication	✓ ⁽⁵⁾			✓ ⁽³⁾
Integration of surveillance cameras	✓			
Integration of home automation functions	✓			

- (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 housing / office (not included in the system).
 (5) Bidirectional video and audio (indoor units: KABI7 and KABI10)

Comparative of diagrams



IPAL *(Shortly)*

Indoor units



9630074
MVC-230



9630078
MVC-250

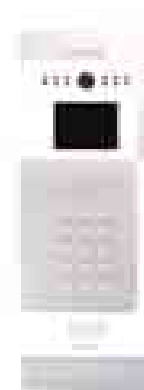
/ Colour monitors

CODE	MODEL	DESCRIPTION
9630074	MVC-230	White hands-free video intercom indoor unit KABI7. 7" colour screen
9630078	MVC-250	White hands-free video intercom indoor unit KABI10. 10" colour screen
9630080	MCO-300	KABI7" indoor monitor wired alarms connector (4 inputs)
9740227	CME-020	86x86 Standard IPAL flush-mounted box

Entrance panels



9800158
PDK-20002



9800171
PDK-20003

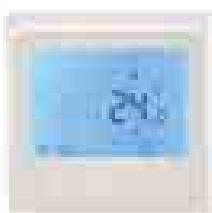


9800160
PDP-20011

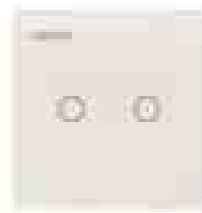
/ Entrance panels and accessories

CODE	MODEL	DESCRIPTION
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 outdoor entrance panel with keypad and 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
9690018	LAC-020	Set of 5 proximity keys for residents
9430075	RFI-252	RFID card MIFARE

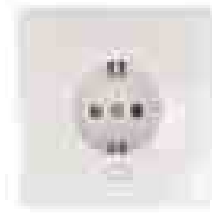
Home automation elements



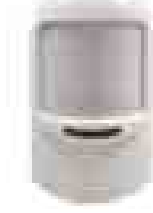
9790014
TER-000



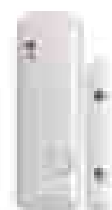
9790002
MEC-102



9790004
MEC-300



9790013
WSN-400



9790010
WSN-500



9790012
WSN-300



9790005
MEC-200

/ Home automation elements

CODE	MODEL	DESCRIPTION
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)
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 type F
9790015	MEC-400	IPAL wireless SOS button device
9790014	TER-000	IPAL Wi-Fi boiler thermostat ('IPALtherm' app)
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

Guard unit

/ Guard unit terminal

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

Splitters and power supply units

/ Tap-offs, 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



2 WIRES

Indoor units

/ Monitors and handsets

MONITOR / HANDSET + SUPPORT			SCREEN	NO. OF ADDITIONAL PUSH-BUTTONS	AUTOMATIC IMAGE CAPTURE	AUTOMATIC DOOR OPENING	LANDING CALL	PHOTO
CODE	MODEL	DEFINITION						
9630075	MCV-140	Enara hands-free monitor with TFT screen	4"	1	✗	✓	✓	1
9630045 9630076	MVC-130 SCM-151	Hands-free monitor with TFT screen Indoor unit support	7"	2	✓	✓	✓	2
9630049 9630052	MVC-009 SCM-052	Indoor unit with TFT screen Indoor unit support	3,5"	2	✓	✓	✓	3
9630051 9630052	MVC-011 SCM-052	Indoor unit with TFT screen Indoor unit support	3,5"	2	✓	✓	✓	4
9630043 9630031	MVC-008 SCM-051	Indoor unit with TFT screen Indoor unit support	3,5"	2	✗	✓	✓	4
9630042 9630031	MVC-007 SCM-051	Indoor unit with TFT screen Indoor unit support	3,5"	2	✗	✓	✓	3
9600034	TET-002	Handset	✗	1	✗	✗	✗	5
9600036	TET-004	Handset	✗	3	✗	✓	✓	5
9600042	TET-302	Handset	✗	1	✗	✗	✓	5

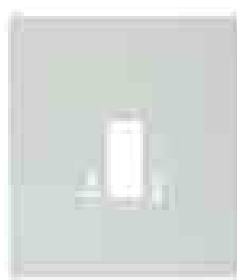




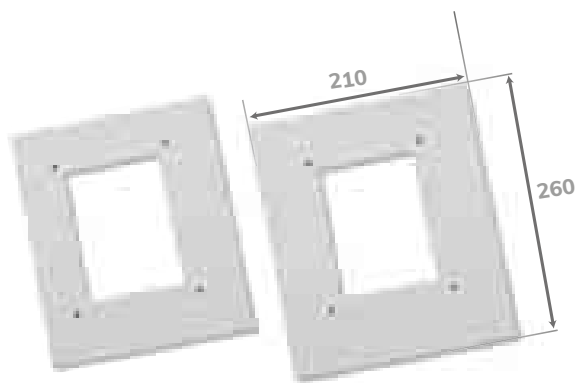
9730049
SSM-001



9730104
MAE-401



9730105
MAE-402



9730036
MAE-002

9730034
MAE-900

/ Decorative frames

FOR ENARA MONITOR

CODE	MODEL	DESCRIPTION
9730104	MAE-401	Dimensions: 120x240mm
9730105	MAE-402	Dimensions: 210x240mm

FOR HANDSET

CODE	MODEL	DESCRIPTION
9730092	MAE-101	Dimensions: 125x275mm
9730093	MAE-102	Dimensions: 250x275mm
9730091	MAE-902	Made to measure *

FOR MONITOR WITH HANDSET

CODE	MODEL	DESCRIPTION
9730035	MAE-001	Dimensions: 250x275mm
9730036	MAE-002	Dimensions: 300x325mm
9730034	MAE-900	Made to measure *

FOR MVC-130 MONITOR

CODE	MODEL	DESCRIPTION
9730090	MAE-003	Dimensions: 250x275mm
9730089	MAE-901	Made to measure *

* Made to measure in anodized aluminum.

Order example (see photo): MAE-900 (210x260), decorative frame for monitor, with 210mm outside width and 260mm height.

/ Desktop support

CODE	MODEL	DESCRIPTION
9730049	SSM-001	For monitor with handset
9730029	SST-001	For handset



9730098
DIV-261



9730072
APX-011



9730057
ASC-051

/ Electronic accessories

CODE	MODEL	DESCRIPTION
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
9730072	APX-011	Accessory to extend the functions of the handset: reception of landing calls, call repeater connection, etc.
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal
9730057	ASC-051	Selector / switch accessory with timer activated by means of external control signal
9730097	APX-013	Accessory to extend the functions of the audio unit

New



alcadelectronics.com

Entrance panels iVANDAL

/ Entrance panels

VANDAL-PROOF, MADE OF STAINLESS STEEL WITH CAMERA,
VOICE SYNTHESIZER, ACCESSIBILITY MODULE AND PUSH-BUTTONS

SINGLE PUSH-BUTTONS

CODE	MODEL	PUSH-BUTTONS
9800161	PTS-60201	1
9800141	PTS-60202	2
9800162	PTS-60203	3
9800142	PTS-60204	4
9800163	PTS-60205	5
9800143	PTS-60206	6
9800164	PTS-60207	7
9800144	PTS-60208	8
9800165	PTS-60209	9
9800145	PTS-60210	10

DOUBLE PUSH-BUTTONS

CODE	MODEL	PUSH-BUTTONS
9800166	PTD-60201	2 (1 double)
9800146	PTD-60202	4 (2 double)
9800167	PTD-60203	6 (3 double)
9800147	PTD-60204	8 (4 double)
9800168	PTD-60205	10 (5 double)
9800148	PTD-60206	12 (6 double)
9800169	PTD-60207	14 (7 double)
9800149	PTD-60208	16 (8 double)
9800170	PTD-60209	18 (9 double)
9800150	PTD-60210	20 (10 double)

! iVANDAL entrance panels do not include audio units (GRF). Order GRF separately.

/ Entrance panel extensions

VANDAL-PROOF, MADE OF STAINLESS STEEL WITH
PUSH-BUTTONS AND CARDHOLDER / iACCESS READER

SINGLE PUSH-BUTTONS

CODE	MODEL	PUSH-BUTTONS
9800173	PTS-61201	1
9800174	PTS-61202	2
9800175	PTS-61203	3
9800176	PTS-61204	4
9800177	PTS-61205	5
9800178	PTS-61206	6
9800179	PTS-61207	7
9800180	PTS-61208	8
9800181	PTS-61209	9
9800182	PTS-61210	10

DOUBLE PUSH-BUTTONS

CODE	MODEL	PUSH-BUTTONS
9800183	PTD-61201	2 (1 double)
9800184	PTD-61202	4 (2 double)
9800185	PTD-61203	6 (3 double)
9800186	PTD-61204	8 (4 double)
9800187	PTD-61205	10 (5 double)
9800188	PTD-61206	12 (6 double)
9800189	PTD-61207	14 (7 double)
9800190	PTD-61208	16 (8 double)
9800191	PTD-61209	18 (9 double)
9800192	PTD-61210	20 (10 double)

/ Electronics accessories

CODE	MODEL	DESCRIPTION
9730006	APC-001	Common door: activates the same door opener from several entrance panels
9730097	APX-013	Double relay for maneuvers with auxiliary push-buttons of the housing terminals and other functions
9730021	ASC-050	Relay for maneuvers with special openers and other functions
9730086	CCV-001	Connects a CCTV camera to an audio entrance panel
9730103	PPA-002	Illuminated vandal-proof timed push-button



9800150
PTD-60210

9800192
PTD-61210



9800159
PNB-600



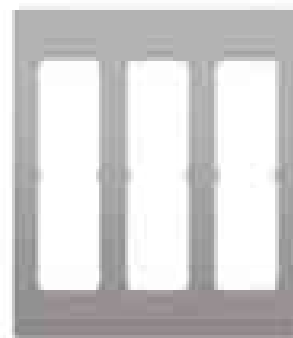
9610044
GRF-302



9690038
CCA-004



9690035
LPR-010



9740233
MAR-602



9730103
PPA-002

Mounting example: 20 push-button (10 double)
entrance panel + 20 push-button (10 double) extension

/ iACCESS RFID READER

CODE	MODEL	DESCRIPTION
9690035	LPR-010	Entrance panel with integrated antenna
9690038	CCA-004	Central post. 1 door advanced management

For further information regarding the iACCESS system,
see pages 64-67.

/ Audio units

CODE	MODEL	DESCRIPTION
9610044	GRF-302	Audio unit
9610048	GRF-304	Audio unit for external entrance panels

/ Induction loop module

CODE	MODEL	DESCRIPTION
9800159	PNB-600	Vandal-proof module
9770076	RVE-025	Module

/ Personalization

CODE	MODEL	DESCRIPTION
9800153	MLI-000	Laser marking for writing texts on iVANDAL entrance panel *

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

/ Flux-mounted boxes

CODE	MODEL	DESCRIPTION
9740226	CMO-201	For module
9740219	CMO-202	For 1 / 2 storeys
9740220	CMO-204	For 3 / 4 storeys
9740221	CMO-206	For 5 / 6 storeys
9740222	CMO-208	For 7 / 8 storeys
9740223	CMO-210	For 9 / 10 storeys
9740225	CEM-003	Separator

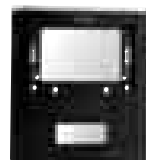
New

/ Accessories

CODE	MODEL	DESCRIPTION
9740231	MAR-600	Decorative frame 1 entrance panel *
9740232	MAR-601	Decorative frame 2 entrance panels *
9740233	MAR-602	Decorative frame 3 entrance panels *
9670188	MVN-960	Panel for independent camera

* Custom dimensions on request.

Entrance panels iBLACK



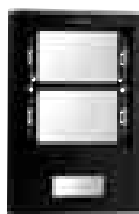
9660066
PPS-52101



9660103
PPD-52106



9660072
PPS-52107



9660082
PPS-52201



9660086
PPS-52205



9660129
PPD-52216

/ Entrance panels

PANELS WITH PUSH-BUTTONS
AND WINDOW FOR MODULE

SINGLE PUSH-BUTTONS. 1 WINDOW

CODE	MODEL	PUSH-BUTTONS
9660066	PPS-52101	1
9660067	PPS-52102	2
9660068	PPS-52103	3
9660069	PPS-52104	4
9660070	PPS-52105	5
9660071	PPS-52106	6
9660072	PPS-52107	7
9660073	PPS-52108	8
9660074	PPS-52109	9
9660075	PPS-52110	10
9660076	PPS-52111	11
9660077	PPS-52112	12
9660078	PPS-52113	13
9660079	PPS-52114	14
9660080	PPS-52115	15
9660081	PPS-52116	16

SINGLE PUSH-BUTTONS. 2 WINDOWS

CODE	MODEL	PUSH-BUTTONS
9660082	PPS-52201	1
9660083	PPS-52202	2
9660084	PPS-52203	3
9660085	PPS-52204	4
9660086	PPS-52205	5
9660087	PPS-52206	6
9660088	PPS-52207	7
9660089	PPS-52208	8
9660090	PPS-52209	9
9660091	PPS-52210	10
9660092	PPS-52211	11
9660093	PPS-52212	12
9660094	PPS-52213	13
9660095	PPS-52214	14
9660096	PPS-52215	15
9660097	PPS-52216	16

DOUBLE PUSH-BUTTONS. 1 WINDOW

CODE	MODEL	PUSH-BUTTONS
9660098	PPD-52101	2 (1 double)
9660099	PPD-52102	4 (2 double)
9660100	PPD-52103	6 (3 double)
9660101	PPD-52104	8 (4 double)
9660102	PPD-52105	10 (5 double)
9660103	PPD-52106	12 (6 double)
9660104	PPD-52107	14 (7 double)
9660105	PPD-52108	16 (8 double)
9660106	PPD-52109	18 (9 double)
9660107	PPD-52110	20 (10 double)
9660108	PPD-52111	22 (11 double)
9660109	PPD-52112	24 (12 double)
9660110	PPD-52113	26 (13 double)
9660111	PPD-52114	28 (14 double)
9660112	PPD-52115	30 (15 double)
9660113	PPD-52116	32 (16 double)

DOUBLE PUSH-BUTTONS. 2 WINDOWS

CODE	MODEL	PUSH-BUTTONS
9660114	PPD-52201	2 (1 double)
9660115	PPD-52202	4 (2 double)
9660116	PPD-52203	6 (3 double)
9660117	PPD-52204	8 (4 double)
9660118	PPD-52205	10 (5 double)
9660119	PPD-52206	12 (6 double)
9660120	PPD-52207	14 (7 double)
9660121	PPD-52208	16 (8 double)
9660122	PPD-52209	18 (9 double)
9660123	PPD-52210	20 (10 double)
9660124	PPD-52211	22 (11 double)
9660125	PPD-52212	24 (12 double)
9660126	PPD-52213	26 (13 double)
9660127	PPD-52214	28 (14 double)
9660128	PPD-52215	30 (15 double)
9660129	PPD-52216	32 (16 double)

/ Entrance panels

CONFIGURABLE MODULES WITH PUSH-BUTTONS

CODE	MODEL	DESCRIPTION
9660130	PPD-52900	1 to 8 storeys with window for entrance panel module *
9660131	PPD-52901	9 to 16 storeys with window for entrance panel module *
9660132	PPD-52902	1 to 8 storeys with windows for 2 entrance panel modules *
9660133	PPD-52903	9 to 16 storeys with windows for 2 entrance panel modules *
9660134	PPD-52904	3 to 10 storeys *
9660135	PPD-52905	11 to 18 storeys *

* For order examples, see pages 74 and 75.



9670164
MAN-500



9679101
MVN-908



9690033
LPR-900



9690038
CCA-004

/ Audio unit

CODE	MODEL	DESCRIPTION
9670164	MAN-500	Audio unit module *
9670168	MAN-501	Audio unit module for external entrance *

* Includes speaker and microphone module.

/ Camera

CODE	MODEL	DESCRIPTION
9670178	MVN-508	Video unit module
9679101	MVN-908	Compact panel

/ iACCESS RFID READER

CODE	MODEL	DESCRIPTION
9690030	LPR-500	Module with iACCESS proximity reader
9690033	LPR-900	Compact panel with iACCESS reader
9690038	CCA-004	Central post. 1 door advanced management
9800114	PNK-50000	Entrance panel with keypad for access control



New

For further information regarding the iACCESS system, see pages 64-67.

/ Modules: cardholder and blind

CODE	MODEL	DESCRIPTION
9670165	MTN-500	Cardholder module
9670166	MLN-500	Blind module

/ Entrance panels

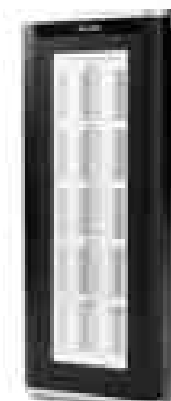
ALPHANUMERIC KEYBOARD

CODE	MODEL	DESCRIPTION
9800116	PDK-51910	With audio unit, generic colour video unit, TFT screen, electronic directory and keypad
9800115	PDK-54910	With audio unit, generic colour video unit, TFT screen, electronic directory and keypad. For external entrance
9800079	PAK-51010	With audio unit, TFT screen, electronic directory and keypad
9800082	PAK-54010	With audio unit, TFT screen, electronic directory and keypad, for external entrance
9800077	PTN-50000	With call code-house indicator directory

9800116
PDK-51910

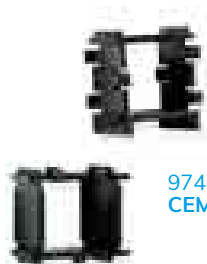


9800077
PTN-50000





9740010
CMO-012



9740004
CEM-001



9740195
MAR-511

/ Flux-mounted boxes

CODE	MODEL	DESCRIPTION
9740005	CMO-002	1 / 2 storeys
9740006	CMO-004	3 / 4 storeys
9740007	CMO-006	5 / 6 storeys
9740008	CMO-008	7 / 8 storeys
9740009	CMO-010	9 / 10 storeys
9740010	CMO-012	11 / 12 storeys
9740011	CMO-014	13 / 14 storeys
9740012	CMO-016	15 / 16 storeys
9740015	CMO-018	15 / 16 storeys. 2 windows
9740004	CEM-001	Separators (2 units)
9740208	CEM-002	Vertical separator

/ Panel extensions

CODE	MODEL	DESCRIPTION
9740195	MAR-511	1 / 2 storeys, 236x334mm
9740196	MAR-512	3 / 4 storeys, 236x382mm
9740197	MAR-513	5 / 6 storeys, 236x430mm
9740198	MAR-514	7 / 8 storeys, 236x478mm
9740199	MAR-515	9 / 10 storeys, 236x526mm
9740200	MAR-516	11 / 12 storeys, 236x574mm
9740201	MAR-517	13 / 14 storeys, 236x622mm
9740202	MAR-518	15 / 16 storeys, 236x670mm
9740203	MAR-519	15 / 16 storeys. 2 windows

/ Surface boxes

CODE	MODEL	DESCRIPTION
9740186	CSU-511	1 / 2 storeys
9740187	CSU-512	3 / 4 storeys
9740188	CSU-513	5 / 6 storeys
9740189	CSU-514	7 / 8 storeys
9740190	CSU-515	9 / 10 storeys
9740191	CSU-516	11 / 12 storeys
9740192	CSU-517	13 / 14 storeys
9740193	CSU-518	15 / 16 storeys
9740194	CSU-519	15 / 16 storeys. 2 windows
9740172	CSU-000	Separator



9740187
CSU-512



9740191
CSU-516

/ Electronic accessories

CODE	MODEL	DESCRIPTION
9730006	APC-001	Common door: activates the same door opener from several entrance panels
9730097	APX-013	Double relay for maneuvers with auxiliary push-buttons of the housing terminals and other functions
9730021	ASC-050	Relay for maneuvers with special openers and other functions
9730086	CCV-001	Connects a CCTV camera to an audio entrance panel
9730103	PPA-002	Illuminated vandal-proof timed push-button

Entrance panels 201 Line



9670182
MAN-420



9670183
MDN-420



9670189
MMN-420



9670186
MVN-920



9800006
PNK-00000

/ Upper modules

WITH AUDIO UNIT, CAMERA,
CARDHOLDER OR iACCESS

SINGLE MODULES

CODE	MODEL	DESCRIPTION
9670182	MAN-420	Audio unit
9670187	MVN-408	Camera
9690034	LPR-200	iACCESS cardholder
9670018	MTN-000	Cardholder
9670021	MLN-000	Blank

DOUBLE MODULES

CODE	MODEL	DESCRIPTION
9670183	MDN-420	Audio unit and camera *
9670190	MDN-421	Camera and audio unit *
9670189	MMN-420	Audio unit and iACCESS cardholder *
9670086	MLT-000	Blank and cardholder *

TRIPLE MODULES

CODE	MODEL	DESCRIPTION
9670184	MDT-420	Audio unit, camera and iACCESS cardholder *
9670191	MDT-421	Camera, audio unit and iACCESS cardholder *

* The definition refers to the order, from bottom to top, in which the elements are arranged.

/ Compact entrance panels

WITH CAMERA OR KEYPAD
FOR ACCESS CONTROL

CODE	MODEL	DESCRIPTION
9670186	MVN-920	Camera
9800006	PNK-00000	Keypad for access control

/ iACCESS RFID READER

CODE	MODEL	DESCRIPTION
9690034	LPR-200	iACCESS cardholder
9670184	MDT-420	Audio unit, camera and iACCESS cardholder *
9670191	MDT-421	Camera, audio unit and iACCESS cardholder *
9690038	CCA-004	Advanced management central post
9770083	RVE-032	iACCESS antenna for cardholder

* The definition refers to the order, from bottom to top, in which the elements are arranged.

For further information regarding the iACCESS system, see pages 64-67.



9670184
MDT-420



9670191
MDT-421



/ Lower modules

WITH PUSH-BUTTONS

SINGLE PUSH-BUTTONS

CODE	MODEL	PUSH-BUTTONS
9660146	MPS-101	1
9660147	MPS-102	2
9660160	MPS-103	3
9660148	MPS-104	4
9660161	MPS-105	5
9660149	MPS-106	6
9660162	MPS-107	7
9660150	MPS-108	8
9660163	MPS-109	9
9660164	MPS-110	10
9660165	MPS-111	11
9660166	MPS-112	12
9660167	MPS-113	13
9660168	MPS-114	14
9660169	MPS-115	15
9660170	MPS-116	16

DOUBLE PUSH-BUTTONS

CODE	MODEL	PUSH-BUTTONS
9660171	MPD-101	2 (1 double)
9660151	MPD-102	4 (2 double)
9660152	MPD-103	6 (3 double)
9660153	MPD-104	8 (4 double)
9660154	MPD-105	10 (5 double)
9660155	MPD-106	12 (6 double)
9660172	MPD-107	14 (7 double)
9660156	MPD-108	16 (8 double)
9660173	MPD-109	18 (9 double)
9660157	MPD-110	20 (10 double)
9660174	MPD-111	22 (11 double)
9660175	MPD-112	24 (12 double)
9660176	MPD-113	26 (13 double)
9660177	MPD-114	28 (14 double)
9660178	MPD-115	30 (15 double)
9660179	MPD-116	32 (16 double)

New

CONFIGURABLE PUSH-BUTTONS

CODE	MODEL	STOREYS
9660158	MPD-902	1 to 8 *
9660159	MPD-903	9 to 16 *

* For order examples, see page 71.



9660158
MPD-902

9660159
MPD-903



/ Electronic accessories

CODE	MODEL	DESCRIPTION
9730006	APC-001	Common door: activates the same door opener from several entrance panels
9730097	APX-013	Double relay for maneuvers with auxiliary push-buttons of the housing terminals and other functions
9730021	ASC-050	Relay for maneuvers with special openers and other functions
9730086	CCV-001	Connects a CCTV camera to an audio entrance panel
9730103	PPA-002	Illuminated vandal-proof timed push-button

 New

/ Flux-mounted boxes

CODE	MODEL	STOREYS
9740005	CMO-002	1 / 2 storeys
9740006	CMO-004	3 / 4 storeys
9740007	CMO-006	5 / 6 storeys
9740008	CMO-008	7 / 8 storeys
9740009	CMO-010	9 / 10 storeys
9740010	CMO-012	11 / 12 storeys
9740011	CMO-014	13 / 14 storeys
9740012	CMO-016	15 / 16 storeys
9740015	CMO-018	15 / 16 storeys and double upper module
9740004	CEM-001	Separators (2 units)
9740208	CEM-002	Vertical separator

/ Frames and trims

CODE	MODEL	DESCRIPTION
9740047	MAR-900	Single entrance panel frame *
9740016	MAR-901	Double entrance panel frame *
9740017	MAR-902	Triple entrance panel frame *
9740001	TOP-100	Personalized trim

* Made to measure in anodized aluminum. Order example (see photo): MAR-900 (010, 210, 260), single entrance panel decorative frame, for CMO-010 flux-mounted box, with 210mm outer width and height of 260mm. For order examples, see page 73.

/ Surface boxes

CODE	MODEL	STOREYS
9740100	CSU-211	1 / 2 storeys
9740101	CSU-212	3 / 4 storeys
9740102	CSU-213	5 / 6 storeys
9740103	CSU-214	7 / 8 storeys
9740104	CSU-215	9 / 10 storeys
9740105	CSU-216	11 / 12 storeys
9740106	CSU-217	13 / 14 storeys
9740107	CSU-218	15 / 16 storeys
9740108	CSU-219	15 / 16 storeys and double upper module
9740172	CSU-000	Separator

/ Angular surface boxes

CODE	MODEL	STOREYS
9740163	CSU-311	1 / 2 storeys
9740164	CSU-312	3 / 4 storeys
9740165	CSU-313	5 / 6 storeys
9740166	CSU-314	7 / 8 storeys
9740167	CSU-315	9 / 10 storeys
9740168	CSU-316	11 / 12 storeys
9740169	CSU-317	13 / 14 storeys
9740170	CSU-318	15 / 16 storeys
9740171	CSU-319	15 / 16 storeys and double upper module



/ Rain-shields

FOR FLUSH-MOUNTED BOXES

SINGLE RAIN-SHIELDS		
CODE	MODEL	STOREYS
9740109	VIS-111	1 / 2
9740110	VIS-112	3 / 4
9740111	VIS-113	5 / 6
9740112	VIS-114	7 / 8
9740113	VIS-115	9 / 10
9740114	VIS-116	11 / 12
9740115	VIS-117	13 / 14
9740116	VIS-118	15 / 16
9740117	VIS-119	15 / 16 and double upper module

DOUBLE RAIN-SHIELDS		
CODE	MODEL	STOREYS
9740118	VIS-121	1 / 2
9740119	VIS-122	3 / 4
9740120	VIS-123	5 / 6
9740121	VIS-124	7 / 8
9740122	VIS-125	9 / 10
9740123	VIS-126	11 / 12
9740124	VIS-127	13 / 14
9740125	VIS-128	15 / 16
9740126	VIS-129	15 / 16 and double upper module

TRIPLE RAIN-SHIELDS		
CODE	MODEL	STOREYS
9740127	VIS-131	1 / 2
9740128	VIS-132	3 / 4
9740129	VIS-133	5 / 6
9740130	VIS-134	7 / 8
9740131	VIS-135	9 / 10
9740132	VIS-136	11 / 12
9740133	VIS-137	13 / 14
9740134	VIS-138	15 / 16
9740135	VIS-139	15 / 16 and double upper module

FOR SURFACE BOXES

SINGLE RAIN-SHIELDS		
CODE	MODEL	STOREYS
9740136	VIS-211	1 / 2
9740137	VIS-212	3 / 4
9740138	VIS-213	5 / 6
9740139	VIS-214	7 / 8
9740140	VIS-215	9 / 10
9740141	VIS-216	11 / 12
9740142	VIS-217	13 / 14
9740143	VIS-218	15 / 16
9740144	VIS-219	15 / 16 and double upper module

DOUBLE RAIN-SHIELDS		
CODE	MODEL	STOREYS
9740145	VIS-221	1 / 2
9740146	VIS-222	3 / 4
9740147	VIS-223	5 / 6
9740148	VIS-224	7 / 8
9740149	VIS-225	9 / 10
9740150	VIS-226	11 / 12
9740151	VIS-227	13 / 14
9740152	VIS-228	15 / 16
9740153	VIS-229	15 / 16 and double upper module

TRIPLE RAIN-SHIELDS		
CODE	MODEL	STOREYS
9740154	VIS-231	1 / 2
9740155	VIS-232	3 / 4
9740156	VIS-233	5 / 6
9740157	VIS-234	7 / 8
9740158	VIS-235	9 / 10
9740159	VIS-236	11 / 12
9740160	VIS-237	13 / 14
9740161	VIS-238	15 / 16
9740162	VIS-239	15 / 16 and double upper module

Entrance panels

Vandal-proof mande to measure

CODE	MODEL	DESCRIPTION
9800133	PLE-003	With push-buttons

These 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 sales representative to get your quote.



Electric locks

/ Flush electric locks WITH ADJUSTABLE LATCH

COMPACT SIZE		
CODE	MODEL	DESCRIPTION
9730087	ABR-021	Simple 12-18V AC/DC
9730025	ABR-011	Simple 15V DC
9730007	ABR-013	Automatic 15V DC
9730008	ABR-014	Automatic and manual release 15V DC
9730085	ABR-019	Fail safe 15V DC

STANDARD SIZE		
CODE	MODEL	DESCRIPTION
9730062	ABR-015	Simple 15V DC
9730064	ABR-017	Automatic 15V DC
9730065	ABR-018	Automatic and manual release 15V DC



/ Magnetic electric locks OVERLAPPING ELECTROMAGNETIC DOOR LOCK

CODE	MODEL	DESCRIPTION
9730076	VEN-003	300Kg 12/24 V
9730077	VEN-005	500Kg 12/24 V

/ Accessories

CODE	MODEL	DESCRIPTION
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
9730021	ASC-050	Relay for maneuvers with special openers and other functions
9730103	PPA-002	Illuminated vandal-proof timed push-button



New

Power supply units, splitters and regenerators

/ Power supply units

AND VOLTAGE REGENERATOR

CODE	MODEL	DESCRIPTION
9650004	ALS-020	Power supply unit interface
9650013	REG-050	BUS voltage regenerator

/ Tap-offs

1 OR 4 OUTPUTS FOR INDOOR UNITS AND THROUGH

CODE	MODEL	DESCRIPTION
9730102	DIV-464	4 outputs, compact
9730098	DIV-261	1 output, cascade
9730080	DIV-064	4 outputs
9730079	DIV-061	1 output
9770052	RVE-017	Line termination load

New

/ Splitters

BIDIRECTIONAL SPLITTERS. 2 OR 4 LINES

CODE	MODEL	DESCRIPTION
9730082	DIV-152	2 lines
9730071	DIV-154	4 lines

/ Regenerators

SIGNAL AMPLIFIERS

CODE	MODEL	DESCRIPTION
9650022	REG-054	Descendant audio and video
9650021	REG-053	Ascendant audio signal amplifier

/ Housing estate accessories

CODE	MODEL	DESCRIPTION
9650025	GCO-001	Control unit for building
9730084	DIV-041	Entrance panel tap-off

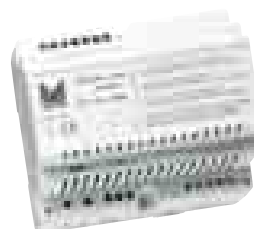
/ Cables

RECOMMENDED (OPTIMIZED SCREENED SLEEVED CABLE)

CODE	MODEL	DESCRIPTION
9750009	CAB-307	2x1 mm ² (by 100m coils)
9750010	CAB-357	2x1 mm ² (500m coils)

SMALL FACILITIES (SLEEVED CABLE)

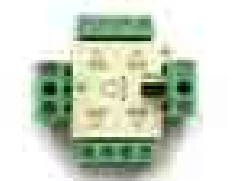
CODE	MODEL	DESCRIPTION
9750005	CAB-007	2x1 mm ² (by 100m coils)
9750002	CAB-004	2x0,5 mm ² (by 100m coils)



9650004
ALS-020



9730098
DIV-261



9730102
DIV-464



9650022
REG-054



9730079
DIV-061

9750009
CAB-307



9750005
CAB-007



Standard quotes and diagrams iVANDAL

STANDARD QUOTE. 1 ACCESS POINT

No OF HOMES	Model															
	MVC-140	PTS-60203	PTD-60203	PTD-60204	PTD-60205	PTD-60206	PTD-60208	PTS-61204	PTS-61205	PTS-61206	PTS-61208	GRF-302	ALS-020	DIV-061	DIV-464	RVE-017
1x3	3	1										1	1	3		1
2x3	6	1										1	1	3		1
2x4	8		1									1	1	4		1
2x5	10		1									1	1	5		1
2x6 *	12			1								1	1	6		1
3x4	12		1		1							1	1	4	1	2
3x5	15		1			1						1	1	5	1	2
3x6	18		1				1					1	1	6	1	2
4x4	16		1					1				1	1	4	1	2
4x5	20			1				1	1	1		5	1	5	1	2
4x12	48				1				2	1	1	12	2			3

* Installation for 2 homes per storey and 6 storeys.

STANDARD QUOTE. 2 ACCESS POINTS

No OF HOMES	Model															
	MVC-140	PTS-60203	PTD-60203	PTD-60204	PTD-60205	PTD-60206	PTD-60208	PTS-61204	PTS-61205	PTS-61206	PTS-61208	GRF-302	ALS-020	DIV-061	DIV-464	RVE-017
1x3	3	2										2	1	3		1
2x3	6	2										2	1	3		1
2x4	8		2									2	1	4		1
2x5	10		2									2	1	5		1
2x6 *	12			2								2	1	6		1
3x4	12		2		2							2	1	4	1	2
3x5	15		2			2						2	1	5	1	2
3x6	18		2				2					2	1	6	1	2
4x4	16		2					2				2	1	4	1	2
4x5	20			2					2			2	1	5	1	2
4x12	48				2				4	2	1	12	2	1	4	6

* Installation for 2 homes per storey and 6 storeys.

DIAGRAM. 1 ACCESS POINT

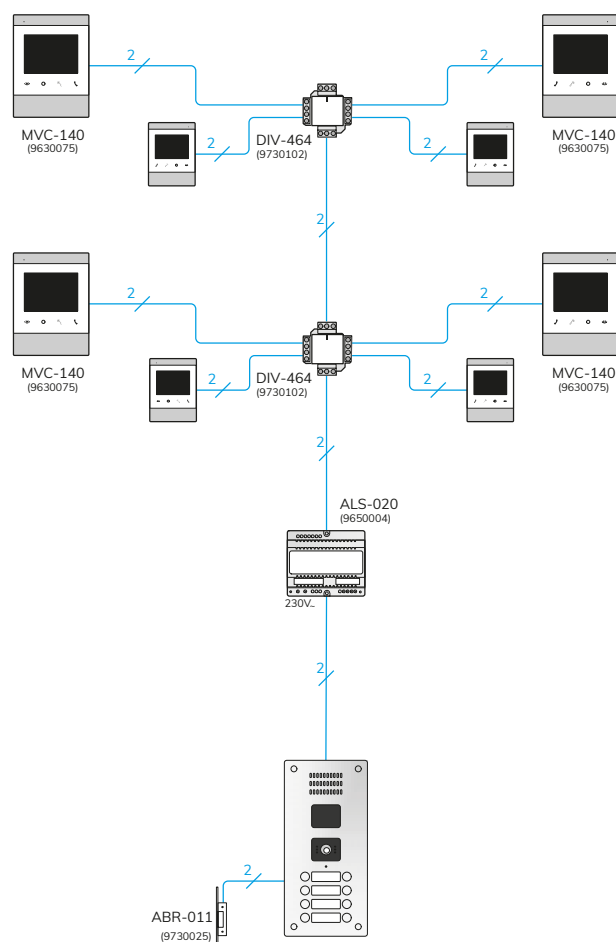
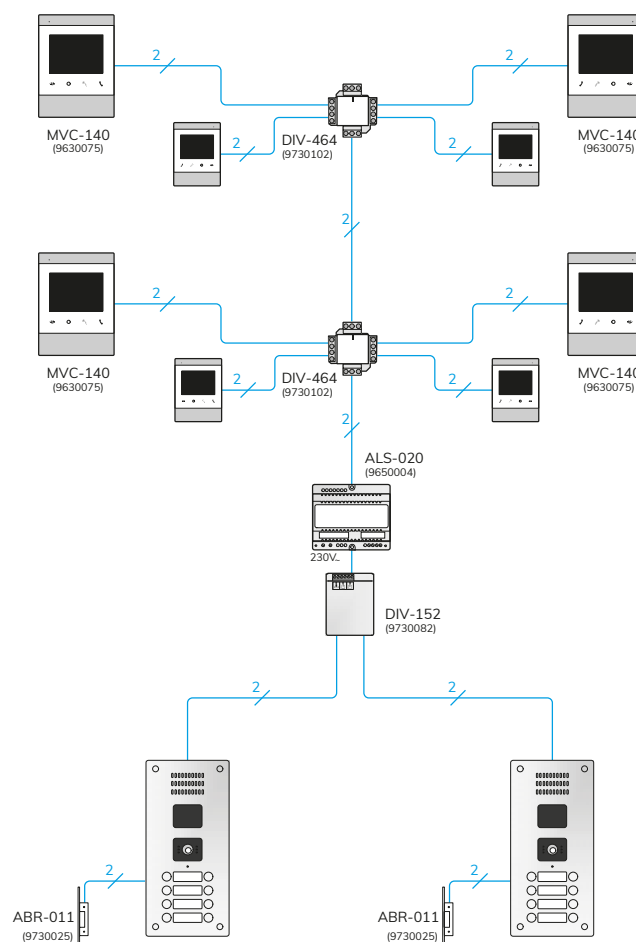


DIAGRAM. 2 ACCESS POINTS



Standard quotes and diagrams iBLACK

STANDARD QUOTE. 1 ACCESS POINT

	Model														
	MVC-140	MVN-508	MAN-500	PPS-52203	PPS-52104	PPS-52105	PPD-52106	PPD-52105	PPD-52106	PPD-52112	PPD-52203	PPD-52204	PPD-52205	PPD-52206	ALS-020
1x3	3	1	1	1										1	3
2x3	6	1	1								1		1	3	
2x4	8	1	1								1		1	4	
2x5	10	1	1								1		1	5	
2x6*	12	1	1								1		1	6	
3x4	12	1	1	1		1					1		4	1	2
3x5	15	1	1		1		1				1		5	1	2
3x6	18	1	1		1		1				1		6	1	2
4x4	16	1	1			2					1		4	1	2
4x5	20	1	1				2				1		5	1	2
4x12	48	1	1					2			1		12	1	

* Installation for 2 homes per storey and 6 storeys.

STANDARD QUOTE. 2 ACCESS POINTS

	Model														
	MVC-140	MVN-508	MAN-500	PPS-52203	PPS-52104	PPS-52105	PPD-52106	PPD-52105	PPD-52106	PPD-52112	PPD-52203	PPD-52204	PPD-52205	PPD-52206	ALS-020
1x3	3	2	2	2										1	3
2x3	6	2	2								2		1	3	
2x4	8	2	2								2		1	4	
2x5	10	2	2								2		1	5	
2x6*	12	2	2								2		1	6	
3x4	12	2	2	2		2					1		4	1	2
3x5	15	2	2		2		2				1		5	1	2
3x6	18	2	2		2		2				1		6	1	2
4x4	16	2	2			4					1		4	1	2
4x5	20	2	2				4				1		5	1	2
4x12	48	2	2					4			1		12	1	

* Installation for 2 homes per storey and 6 storeys.

DIAGRAM. 1 ACCESS POINT

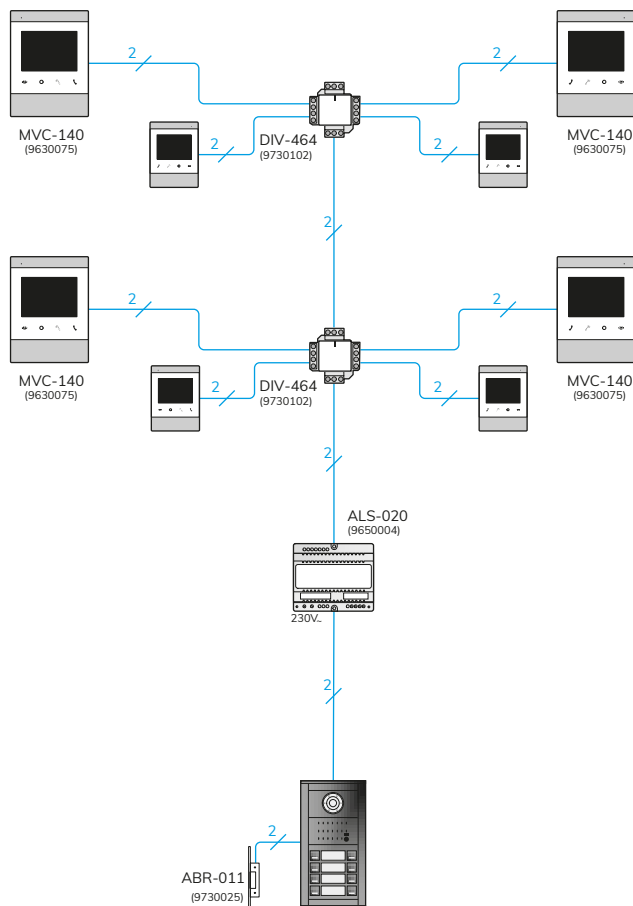
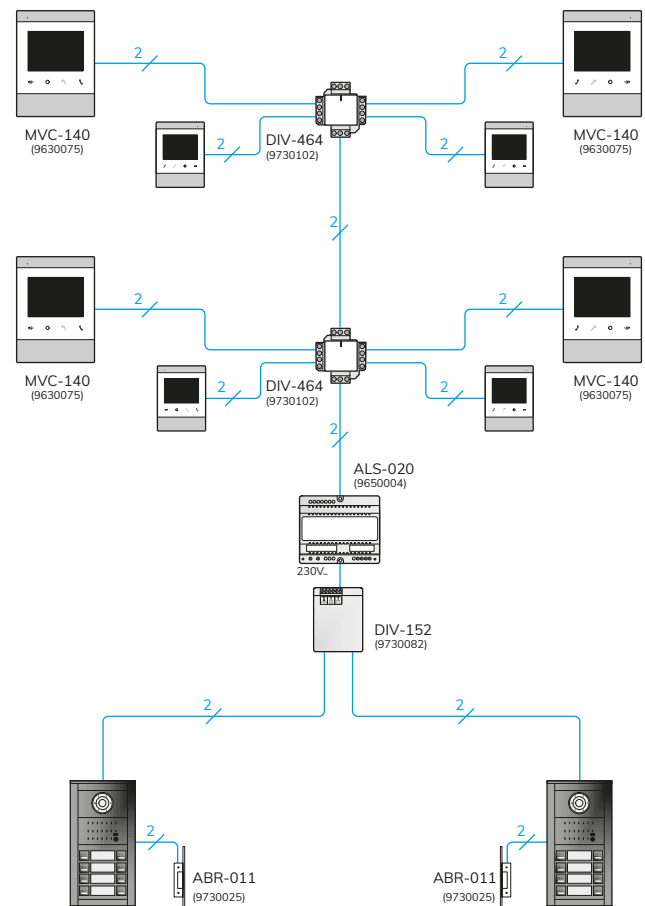


DIAGRAM. 2 ACCESS POINTS



Standard quotes and diagrams L201

DIAGRAM.
1 ACCESS POINT

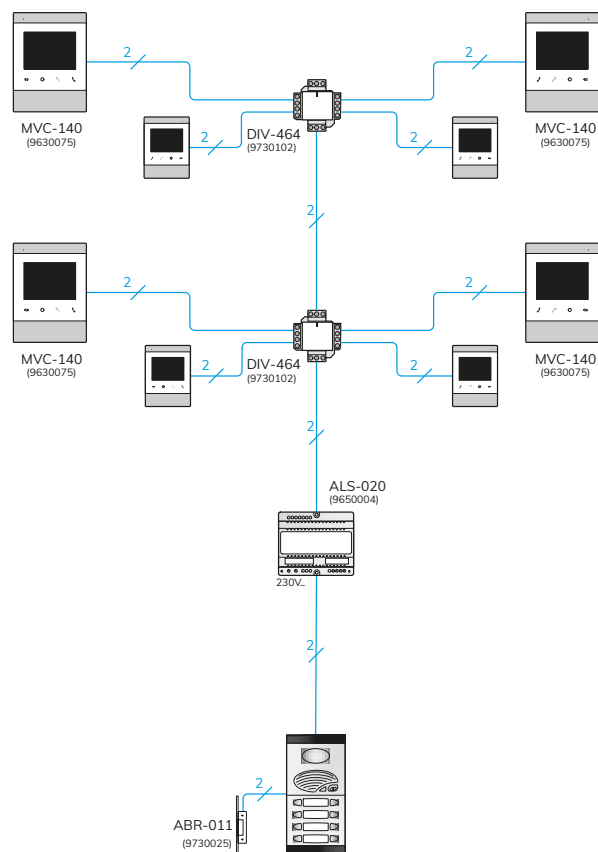
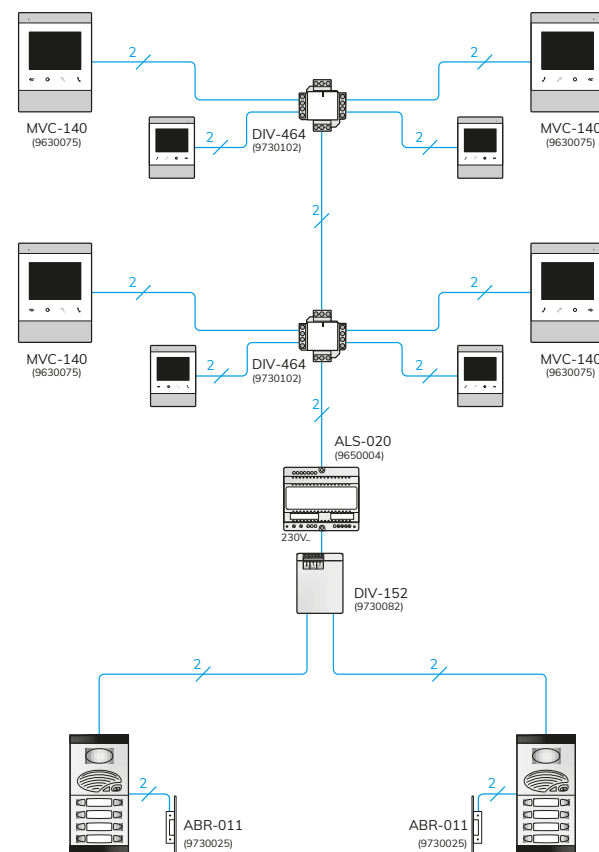


DIAGRAM.
2 ACCESS POINTS



STANDARD QUOTE.
1 ACCESS POINT

No OF HOMES	Model															
	MVC-140	MDN-420	MAN-420	MVN-408	MPS-103	MPS-105	MPS-106	MPD-103	MPD-104	MPD-105	MPD-106	MPD-112	ALS-020	DIV-061	DIV-464	ABR-011
1x3	3	1			1								1	3	1	1
2x3	6	1					1						1	3		1
2x4	8	1						1					1	4		1
2x5	10	1							1				1	5		1
2x6*	12	1								1			1	6		1
3x4	12	1	1	1				1					1	4	1	2
3x5	15	1	1		1				1				1	5	1	2
3x6	18	1	1			1				1			1	6	1	2
4x4	16	1	1				2				1		1	4	1	2
4x5	20	1	1					2			1		1	5	1	2
4x12	48	1	1									2	1	12		2

* Installation for 2 homes per storey and 6 storeys.

STANDARD QUOTE.
2 ACCESS POINTS

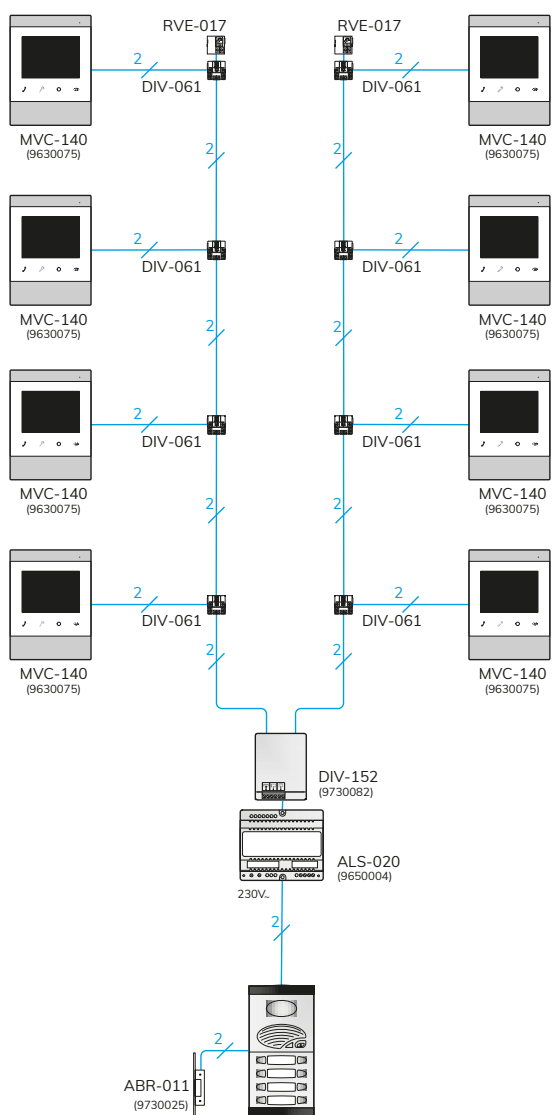
No OF HOMES	Model															
	MVC-140	MDN-420	MAN-420	MVN-408	MPS-103	MPS-105	MPS-106	MPD-103	MPD-104	MPD-105	MPD-106	MPD-112	ALS-020	DIV-061	DIV-464	ABR-011
1x3	3	2			2								1	3	1	2
2x3	6	2					2						1	3	1	2
2x4	8	2						2					1	4	1	2
2x5	10	2							2				1	5	1	2
2x6*	12	2								2			1	6	1	2
3x4	12	2	2	2				2					1	4	1	2
3x5	15	2	2		2				2				1	5	1	2
3x6	18	2	2			2				2			1	6	1	2
4x4	16	2	2				4				1		1	4	1	2
4x5	20	2	2					4			1		1	5	1	2
4x12	48	2	2									4	1	12	1	2

* Installation for 2 homes per storey and 6 storeys.

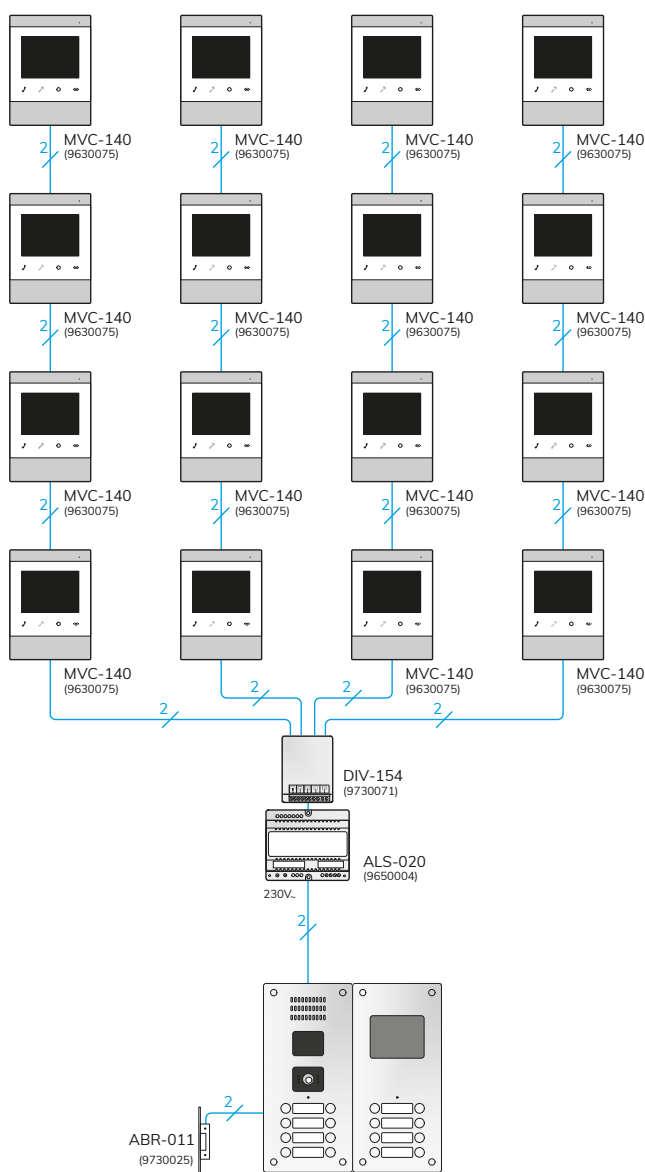
Diagrams

2 Wires

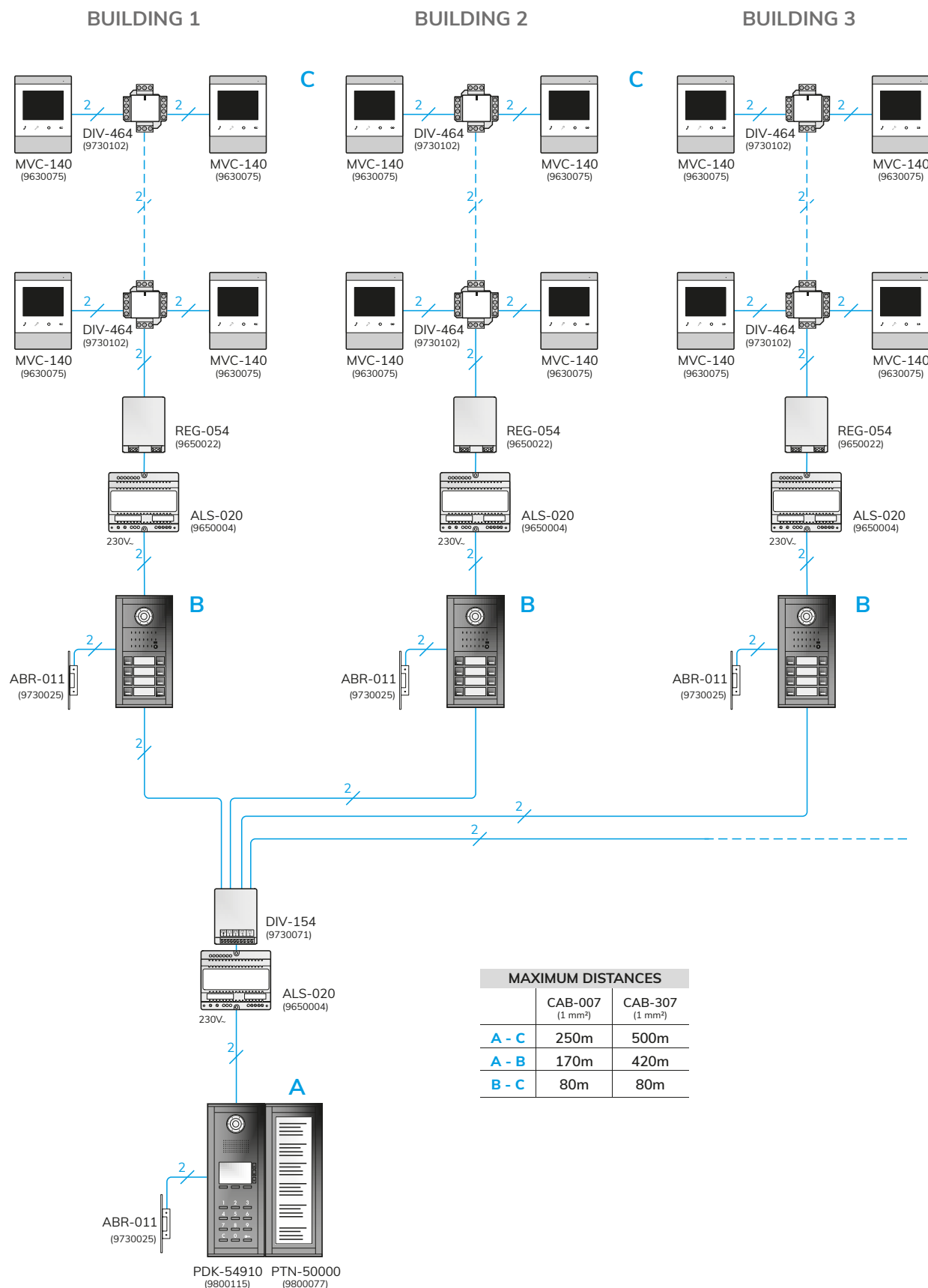
STANDARD DIAGRAM.
BUILDING WITH 2 BACKBONES AND
MONITORS USING DISTRIBUTION
TAP-OFF DEVICES



STANDARD DIAGRAM.
BUILDING WITH 2 BACKBONES
AND MONITORS IN CASCADE MODE
CONFIGURATION



STANDARD DIAGRAM. HOUSING ESTATE WITH EXTERNAL ACCESS



DIGITAL

Indoor units



9600007
TED-001



9600010
TED-002

/ DIGITAL handsets

WITH ELECTRONIC CALL AND
PRIVACY OF COMMUNICATION

CODE	MODEL	DESCRIPTION
9600007	TED-001	1 push-button
9600010	TED-002	2 push-buttons



9630008
MVC-002



9630004
SCM-030

/ DIGITAL monitor

WITH COLOUR SCREEN, ELECTRONIC CALL
AND PRIVACY OF COMMUNICATION

CODE	MODEL	DESCRIPTION
9630008	MVC-002	4 push-buttons
9630004	SCM-030	Desktop support

/ Decorative frames

FOR MONITOR

CODE	MODEL	DESCRIPTION
9730035	MAE-001	Dimensions: 250x275mm
9730036	MAE-002	Dimensions: 300x325mm
9730034	MAE-900	Made to measure *

* Made to measure in anodized aluminum.
Order example: MAE-900 (210x260), decorative frame
for monitor, with 210mm outside width and 260mm height.

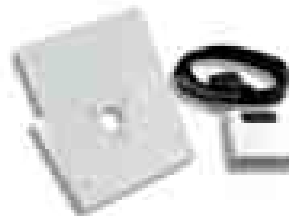
FOR HANDSET

CODE	MODEL	DESCRIPTION
9730092	MAE-101	Dimensions: 125x275mm
9730093	MAE-102	Dimensions: 250x275mm
9730091	MAE-902	Made to measure *

* Made to measure in anodized aluminum.
Order example: MAE-902 (210x260), decorative frame
for monitor, with 210mm outside width and 260mm height.

/ Desktop supports

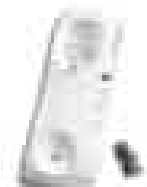
CODE	MODEL	DESCRIPTION
9730049	SSM-001	For monitor with handset
9730029	SST-001	For handset



9730049
SSM-001



9730019
AAL-200



9730060
APX-001

/ Electronics accessories

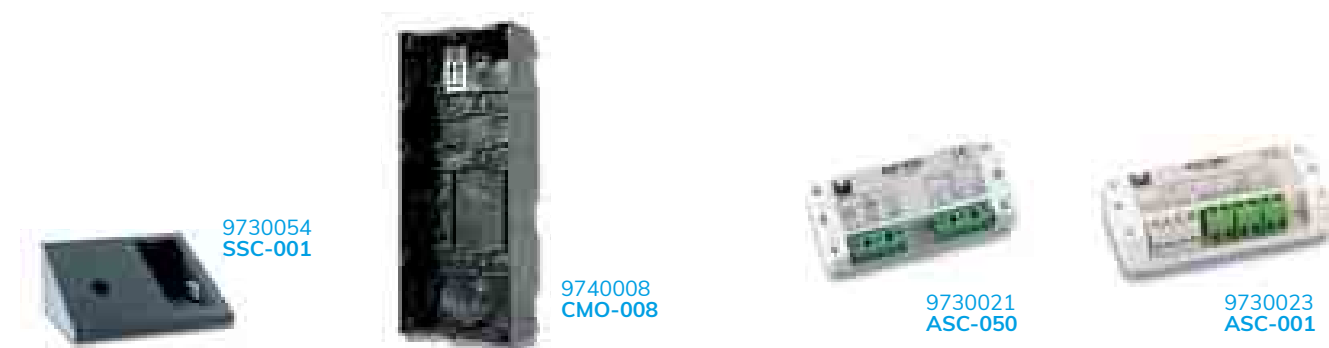
CODE	MODEL	DESCRIPTION
9730019	AAL-200	Electronic call extension
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal
9730057	ASC-051	Selector switch accessory with timer activated by means of external control signal
9730018	AAL-120	Accessory to connect an AAL-200, ASC-050 or ASC-051 to a DIGITAL handset
9730060	APX-001	Kit which lets you add two extra push-buttons to the handset
9730061	AAL-130	Accessory for receiving calls from the landing on the handset

Guard unit



/ Guard unit terminals

CODE	MODEL	DESCRIPTION
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



/ Supports for guard units

CODE	MODEL	DESCRIPTION
9730054	SSC-001	Desktop support for guard unit with handset
9730056	SSC-002	Desktop support for guard unit with indoor unit
9740008	CMO-008	Flush-mounted box
9740103	CSU-214	Surface box

/ Selector switch accessories

FOR PUSH-BUTTONS OF THE GUARD UNIT HANDSET / MONITOR

CODE	MODEL	DESCRIPTION
9730021	ASC-050	Relay 1 circuit
9730023	ASC-001	Relay 2 circuits

Entrance panels 201 Line



9800033
PAK-41000



9800036
PDK-41500



9800002
PTN-00000



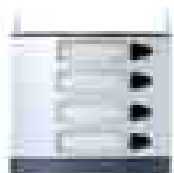
9670144
MAN-470



9670153
MDN-472



9670154
MDT-472



9660001
MPS-004



9660050
MPD-003



9660054
MPD-007



9660062
MPD-015

/ Entrance panels with keypad

**HOUSE CALL WITH KEYPAD
AND NUMERIC DISPLAY**

FOR INSTALLATIONS WITH GUARD UNIT SYSTEM

CODE	MODEL	DESCRIPTION
9800037	PAK-42000	Audio only, for building
9800038	PAK-44000	Audio only, for external entrance in a housing estate
9800041	PDK-42500	Audio and video, for building
9800042	PDK-44500	Audio and video, for external entrance in a housing estate
9800002	PTN-00000	With directory

FOR INSTALLATIONS WITHOUT GUARD UNIT SYSTEM

CODE	MODEL	DESCRIPTION
9800033	PAK-41000	Audio only
9800036	PDK-41500	Audio and video
9800002	PTN-00000	With directory

/ Entrances panels with push-buttons

UPPER MODULES WITH AUDIO UNIT, CAMERA, CARDHOLDER OR iACCESS

SINGLE MODULE		
CODE	MODEL	DESCRIPTION
9670144	MAN-470	Audio unit
9670045	MVN-302	Camera
9690034	LPR-200	iACCESS cardholder
9670018	MTN-000	Cardholder
9670021	MLN-000	Blank
DOUBLE MODULE		
CODE	MODEL	DESCRIPTION
9670153	MDN-472	Audio unit and camera
9670146	MCN-470	Audio unit and blank
9670145	MMN-470	Audio unit and cardholder
9670086	MLT-000	Cardholder and blank
TRIPLE MODULE		
CODE	MODEL	DESCRIPTION
9670154	MDT-472	Audio unit, camera and cardholder
ELECTRONIC MODULES		
CODE	MODEL	DESCRIPTION
9730030	COL-000	Concentrator for 16 calls
9730068	AIB-010	Housing estate identifying accessory

/ iACCESS RFID READER

CODE	MODEL	DESCRIPTION
9690034	LPR-200	iACCESS cardholder
9770083	RVE-032	Antena iACCESS para tarjetero
9690038	CCA-004	Central post. 1 door advanced management



For further information regarding the iACCESS system, see pages 64-67.

/ Compact entrance panels

WITH CAMERA OR KEYPAD FOR ACCESS CONTROL

CODE	MODEL	DESCRIPTION
9670107	MVN-905	Camera
9800006	PNK-00000	Keypad for access control

LOWER MODULES WITH PUSH-BUTTONS

SINGLE PUSH-BUTTONS		
CODE	MODEL	PUSH-BUTTONS
9660014	MPS-001	1
9660015	MPS-002	2
9660000	MPS-003	3
9660001	MPS-004	4
9660002	MPS-005	5
9660003	MPS-006	6
9660004	MPS-007	7
9660005	MPS-008	8
9660006	MPS-009	9
9660007	MPS-010	10
9660008	MPS-011	11
9660009	MPS-012	12
9660010	MPS-013	13
9660011	MPS-014	14
9660012	MPS-015	15
9660013	MPS-016	16
DOUBLE PUSH-BUTTONS		
CODE	MODEL	PUSH-BUTTONS
9660048	MPD-001	2 (1 double)
9660049	MPD-002	4 (2 double)
9660050	MPD-003	6 (3 double)
9660051	MPD-004	8 (4 double)
9660052	MPD-005	10 (5 double)
9660053	MPD-006	12 (6 double)
9660054	MPD-007	14 (7 double)
9660055	MPD-008	16 (8 double)
9660056	MPD-009	18 (9 double)
9660057	MPD-010	20 (10 double)
9660058	MPD-011	22 (11 double)
9660059	MPD-012	24 (12 double)
9660060	MPD-013	26 (13 double)
9660061	MPD-014	28 (14 double)
9660062	MPD-015	30 (15 double)
9660063	MPD-016	32 (16 double)
CONFIGURABLE PUSH-BUTTONS		
CODE	MODEL	STOREYS
9660064	MPD-900	1 to 8 *
9660065	MPD-901	9 to 16 *
9660016	MKD-900	1 to 12 storeys with keypad for access control **

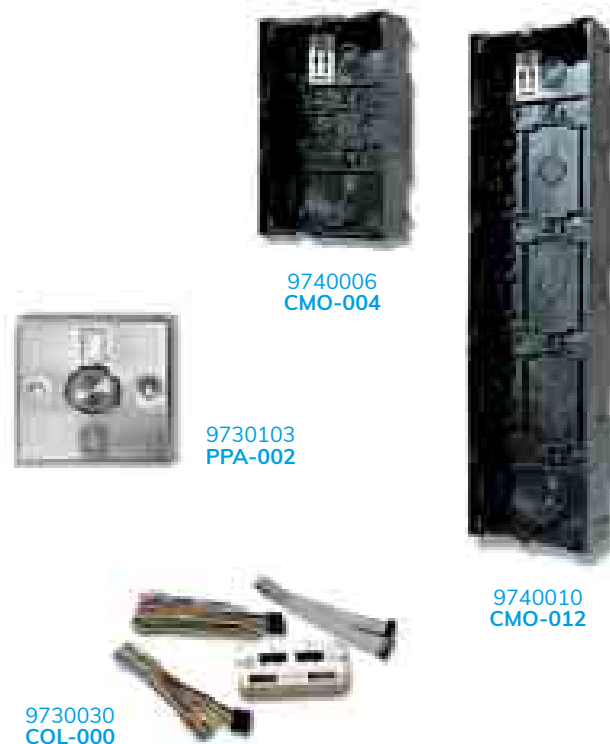
* For order examples, see page 70.
** For order examples, see page 72.



/ Flux-mounted boxes

CODE	MODEL	STOREYS
9740005	CMO-002	1 / 2 storeys
9740006	CMO-004	3 / 4 storeys
9740007	CMO-006	5 / 6 storeys
9740008	CMO-008	7 / 8 storeys
9740009	CMO-010	9 / 10 storeys
9740010	CMO-012	11 / 12 storeys
9740011	CMO-014	13 / 14 storeys
9740012	CMO-016	15 / 16 storeys
9740015	CMO-018	15 / 16 storeys and double upper module
9740004	CEM-001	Separators (2 units)

NOTE: surface boxes, rain-shields, frames and trims, see section 'Entrance panels-201 Line' on pages 41 and 42.



/ Electronic accessories

CODE	MODEL	DESCRIPTION
9730006	APC-001	Common door: activates the same door opener from several entrance panels
9730021	ASC-050	Relay for maneuvers with special openers and other functions
9730057	ASC-051	Selector switch accessory with timer activated by means of external control signal
9730023	ASC-001	Selector switch accessory activated by means of external control signal
9730103	PPA-002	Illuminated vandal-proof timed push-button
9730030	COL-000	Concentrator for 16 calls
9730068	AIB-010	Housing estate identifying accessory

 New

Entrance panels

Vandal-proof made to measure

CODE	MODEL	DESCRIPTION
9800132	PLE-002	With push-buttons

These 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 sales representative to get your quote.



Electric locks

/ Flush electric locks

WITH ADJUSTABLE LATCH

COMPACT SIZE		
CODE	MODEL	DESCRIPTION
9730087	ABR-021	Simple 12-18V AC/DC
9730025	ABR-011	Simple 15V DC
9730007	ABR-013	Automatic 15V DC
9730008	ABR-014	Automatic and manual release 15V DC
9730085	ABR-019	Fail safe 15V DC

STANDARD SIZE		
CODE	MODEL	DESCRIPTION
9730062	ABR-015	Simple 15V DC
9730064	ABR-017	Automatic 15V DC
9730065	ABR-018	Automatic and manual release 15V DC

Power supply units and splitters

/ Power supply units

TAP-OFFS AND SPLITTERS

CODE	MODEL	DESCRIPTION
9620014	ALC-070	15VDC 3A power supply
9620011	ALM-040	25 VA, 12VAC & 15VDC power supply
9620001	ALA-040	25 VA, 12VAC power supply
9730055	AIB-001	Accessory for installations with keypad in buildings with more than 150 houses
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

/ Magnetic electric locks

OVERLAPPING ELECTROMAGNETIC DOOR LOCK

CODE	MODEL	DESCRIPTION
9730076	VEN-003	300Kg 12/24 V
9730077	VEN-005	500Kg 12/24 V

/ Accessories

CODE	MODEL	DESCRIPTION
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
9730021	ASC-050	Relay for maneuvers with special openers and other functions
9730103	PPA-002	Illuminated vandal-proof timed push-button



New

/ Cables

RECOMMENDED CABLE (SLEEVED)

CODE	MODEL	DESCRIPTION
9750005	CAB-007	2x1 mm ² (by 100m coils)
9100021	CE-753	7 mm coaxial, 17dB/100m 800 MHz (by 100m coils)



9620011
ALM-040



9730055
AIB-001



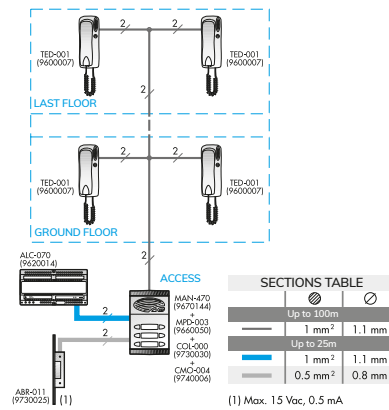
Standard quotes and diagrams

STANDARD QUOTE. 1 ACCESS POINT

No OF HOMES		Model										
		TED-001	MAN-470	MLN-000	MPS-003	MPS-004	MPS-005	MPS-006	MPD-003	MPD-004	MPD-005	MPD-006
1x3		3	1		1							
2x3		6	1									
2x4		8	1									
2x5		10	1									
2x6*		12	1									
3x4		12	1	1								
3x5		15	1	1	1							
3x6		18	1	1		1						
4x4		16	1	1			1	2				
4x5		20	1	1								
4x6		24	1	1								
6x5		30	1	2								
6x6		36	1	2								

* Installation for 2 homes per storey and 6 storeys.

STANDARD DIAGRAM AND SECTIONS

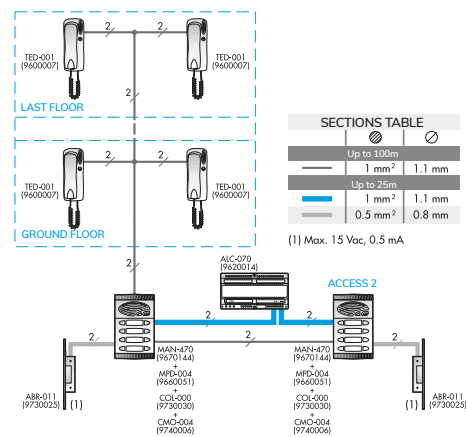


STANDARD QUOTE. 2 ACCESS POINTS

No OF HOMES		Model										
		TED-001	MAN-470	MLN-000	MPS-003	MPS-004	MPS-005	MPS-006	MPD-003	MPD-004	MPD-005	MPD-006
1x3		3	2		2							
2x3		6	2									
2x4		8	2									
2x5		10	2									
2x6*		12	2									
3x4		12	2	2								
3x5		15	2	2	2							
3x6		18	2	2		2						
4x4		16	2	2			2	2				
4x5		20	2	2								
4x6		24	2	2								
6x5		30	2	4								
6x6		36	2	4								

* Installation for 2 homes per storey and 6 storeys.

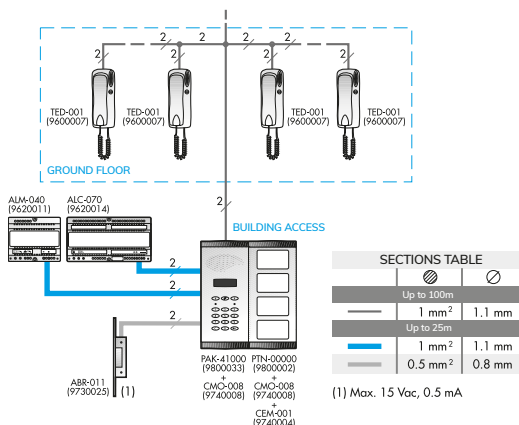
STANDARD DIAGRAM AND SECTIONS



STANDARD QUOTE. 1 ACCESS POINT WITH KEYPAD

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

STANDARD DIAGRAM AND SECTIONS



4+N

Indoor units



/ Handsets

WITH ELECTRONIC CALL

CODE	MODEL	DESCRIPTION
9600001	TEL-001	1 push-button
9600009	TEL-002	2 push-buttons
9600039	TEL-004	4 push-buttons
9600018	TEL-101	1 push-button (personalized)
9600003	TES-001	1 push-button (communication secret)

/ Universal handsets

WITH ELECTRONIC CALL AND BUZZER

CODE	MODEL	DESCRIPTION
9600040	TUN-201	1 push-button (extended compatibility)
9600002	TUN-001	1 push-button
9600011	TUN-002	2 push-buttons
9600013	TUN-101	1 push-button (personalized)

/ Intercommunication

WITH ELECTRONIC CALL

CODE	MODEL	DESCRIPTION
9600014	TIN-001	Handset with dial pad
9650001	GCI-001	Control unit

/ Decorative frames

FOR HANDSET

CODE	MODEL	DESCRIPTION
9730092	MAE-101	Dimensions: 125x275mm
9730093	MAE-102	Dimensions: 250x275mm
9730091	MAE-902	Made to measure *

* Made to measure in anodized aluminum.

Order example: MAE-902 (210x260), decorative frame for monitor, with 210mm outside width and 260mm height.

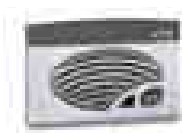
/ Desktop supports

CODE	MODEL	DESCRIPTION
9730029	SST-001	For handset

/ Electronics accessories

CODE	MODEL	DESCRIPTION
9730019	AAL-200	Electronic call extension
9730020	AAL-210	Call extension with buzzer
9730021	ASC-050	Selector switch accessory activated by means of electronic call, buzzer call or external signal
9730060	APX-001	Kit which lets you add two extra push-buttons to the handset
9730061	AAL-130	Accessory for receiving calls from the landing on the handset

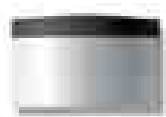
Entrance panels 201 Line



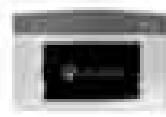
9670115
MAN-410



9670018
MTN-000



9670021
MLN-000



9690034
LPR-200



9690038
CCA-004



9670126
MMN-410

/ Upper modules

WITH AUDIO UNIT, CARDHOLDER OR iACCESS

SINGLE MODULE

CODE	MODEL	DESCRIPTION
9670115	MAN-410	Audio unit
9670119	MAN-451	Universal audio unit
9670116	MAN-430	Multiple access points audio unit
9670118	MAN-441	Multiple access points audio unit with privacy of communication
9690034	LPR-200	iACCESS cardholder
9670018	MTN-000	Cardholder
9670021	MLN-000	Blank entrance panel

DOUBLE MODULE (WITH CARDHOLDER)

CODE	MODEL	DESCRIPTION
9670126	MMN-410	Audio unit
9670127	MMN-451	Universal audio unit
9670128	MMN-430	Multiple access points audio unit
9670137	MMN-441	Multiple access points audio unit with privacy of communication

/ iACCESS RFID READER

CODE	MODEL	DESCRIPTION
9690034	LPR-200	iACCESS cardholder
9770083	RVE-032	iACCESS reader for cardholder
9690038	CCA-004	Advanced management central post

For further information regarding the iACCESS system,
see pages 64-67.

 New

/ Lower modules

WITH PUSH-BUTTONS



SINGLE PUSH-BUTTONS

CODE	MODEL	PUSH-BUTTONS
9660014	MPS-001	1
9660015	MPS-002	2
9660000	MPS-003	3
9660001	MPS-004	4
9660002	MPS-005	5
9660003	MPS-006	6
9660004	MPS-007	7
9660005	MPS-008	8
9660006	MPS-009	9
9660007	MPS-010	10
9660008	MPS-011	11
9660009	MPS-012	12
9660010	MPS-013	13
9660011	MPS-014	14
9660012	MPS-015	15
9660013	MPS-016	16

CONFIGURABLE PUSH-BUTTONS

CODE	MODEL	STOREYS
9660064	MPD-900	1 to 8 *
9660065	MPD-901	9 to 16 *
9660016	MKD-900	1 to 12 storeys with keypad for access control **

* For order examples, see page 70.
** For order examples, see page 72.

DOUBLE PUSH-BUTTONS

CODE	MODEL	PUSH-BUTTONS
9660048	MPD-001	2 (1 double)
9660049	MPD-002	4 (2 double)
9660050	MPD-003	6 (3 double)
9660051	MPD-004	8 (4 double)
9660052	MPD-005	10 (5 double)
9660053	MPD-006	12 (6 double)
9660054	MPD-007	14 (7 double)
9660055	MPD-008	16 (8 double)
9660056	MPD-009	18 (9 double)
9660057	MPD-010	20 (10 double)
9660058	MPD-011	22 (11 double)
9660059	MPD-012	24 (12 double)
9660060	MPD-013	26 (13 double)
9660061	MPD-014	28 (14 double)
9660062	MPD-015	30 (15 double)
9660063	MPD-016	32 (16 double)

/ Compact entrance panel

WITH KEYPAD FOR ACCESS CONTROL

SINGLE MODULE

CODE	MODEL	DESCRIPTION
9800006	PNK-00000	Keypad for access control

/ Flux-mounted boxes

CODE	MODEL	STOREYS
9740005	CMO-002	1 / 2 storeys
9740006	CMO-004	3 / 4 storeys
9740007	CMO-006	5 / 6 storeys
9740008	CMO-008	7 / 8 storeys
9740009	CMO-010	9 / 10 storeys
9740010	CMO-012	11 / 12 storeys
9740011	CMO-014	13 / 14 storeys
9740012	CMO-016	15 / 16 storeys
9740015	CMO-018	15 / 16 storeys and double upper module
9740004	CEM-001	Separators (2 units)

NOTE: surface boxes, rain-shields, frames and trims, see section 'Entrance panels-201 Line' on pages 41 and 42.



/ Accessories

CODE	MODEL	DESCRIPTION
9730006	APC-001	Common door: activates the same door opener from several entrance panels
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
9730057	ASC-051	Selector switch accessory with timer activated by means of external control signal
9730023	ASC-001	Selector switch accessory activated by means of external control signal
9730103	PPA-002	Illuminated vandal-proof timed push-button

 New

Entrance panels

Vandal-proof made to measure

CODE	MODEL	DESCRIPTION
9800131	PLE-001	With push-buttons

These 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 sales representative to get your quote.



Electric locks

/ Flush electric locks

WITH ADJUSTABLE LATCH

UNIVERSAL - COMPACT SIZE 12-18V AC/DC		
CODE	MODEL	DESCRIPTION
9730087	ABR-021	Simple

STANDARD SIZE 12V AC		
CODE	MODEL	DESCRIPTION
9730000	ABR-001	Simple
9730001	ABR-002	Simple and release
9730002	ABR-003	Automatic
9730003	ABR-004	Automatic and release

/ Magnetic electric locks

OVERLAPPING ELECTROMAGNETIC DOOR LOCK

CODE	MODEL	DESCRIPTION
9730076	VEN-003	300Kg 12/24 V
9730077	VEN-005	500Kg 12/24 V

/ Accessories

CODE	MODEL	DESCRIPTION
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
9730021	ASC-050	Relay for maneuvers with special openers and other functions
9730103	PPA-002	Illuminated vandal-proof timed push-button

 New

Power supply units

/ Power supply units

CODE	MODEL	DESCRIPTION
9620001	ALA-040	25 VA power supply unit, electronic door entry system
9620002	ALA-020	16 VA power supply unit, electronic door entry system
9620011	ALM-040	25 VA power supply unit, video door entry system
9650001	GCI-001	Control unit for AIB-001 in video intercom installations or with guard unit



Standard quotes and diagrams

STANDARD QUOTE. ELECTRONIC DOOR ENTRY SYSTEM WITH ELECTRONIC CALL. 1 ACCESS POINT

No OF HOMES	Model											
	TEL-001	MAN-410	MLN-000	MPS-003	MPS-004	MPS-005	MPS-006	MPD-003	MPD-004	MPD-005	ALA-040	CEM-001
1x3	3	1		1							1	1
2x3	6	1						1			1	1
2x4	8	1							1		1	1
2x5	10	1								1	1	1
2x6*	12	1									1	1
3x4	12	1	1	1				1			1	2
3x5	15	1	1		1				1		1	2
3x6	18	1	1			1				1	1	2
4x4	16	1	1				2				1	2
4x5	20	1	1					2			1	2
4x6	24	1	1						2		1	2
6x5	30	1	2					3		1	2	3
6x6	36	1	2						3	1	2	3

* Installation for 2 homes per storey and 6 storeys.

STANDARD QUOTE. ELECTRONIC DOOR ENTRY SYSTEM WITH ELECTRONIC CALL. 2 ACCESS POINTS

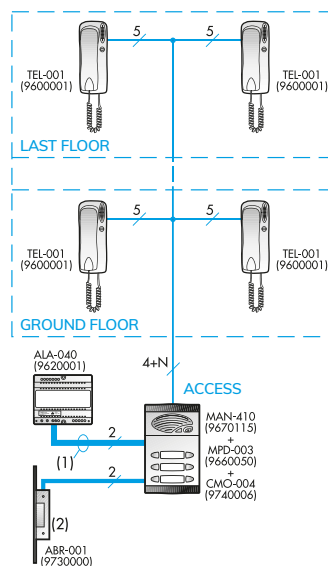
No OF HOMES	Model											
	TEL-001	MAN-410	MLN-000	MPS-003	MPS-004	MPS-005	MPS-006	MPD-003	MPD-004	MPD-005	ALA-040	CEM-001
1x3	3	2		2							2	1
2x3	6	2						2			2	1
2x4	8	2							2		2	1
2x5	10	2								2	2	2
2x6*	12	2									2	2
3x4	12	2	2	2				2			2	4
3x5	15	2	2		2				2		2	4
3x6	18	2	2			2				2	2	4
4x4	16	2	2				4				2	4
4x5	20	2	2					4			2	4
4x6	24	2	2						4		2	4
6x5	30	2	4					6		2	4	6
6x6	36	2	4						6	2	4	6

* Installation for 2 homes per storey and 6 storeys.

STANDARD QUOTE. INTERCOMUNICATION

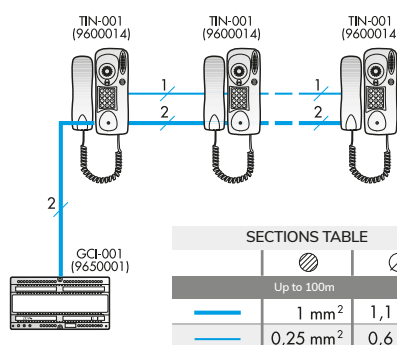
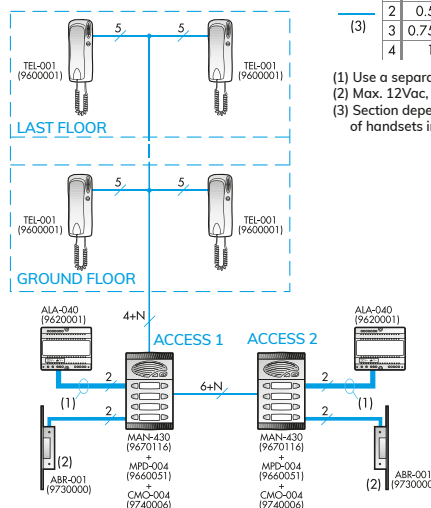
No OF HOMES	Model	
	TIN-001	GCI-001
2	2	1
5	5	1
10	10	1
16	16	1

STANDARD DIAGRAMS AND SECTIONS



SECTIONS TABLE		
	1	2
Up to 50m	1 mm ²	1.1 mm
Up to 25m	0.5 mm ²	0.8 mm
Up to 100m	1	2
	0.25 mm ²	0.6 mm
	0.5 mm ²	0.8 mm
	0.75 mm ²	1.0 mm
	1 mm ²	1.1 mm

- (1) Use a separate cable hose
(2) Max. 12Vac, 800 mA
(3) Section dependent on the number of handsets in the housing



SECTIONS TABLE		
	1	2
Up to 100m	1 mm ²	1.1 mm
	0.25 mm ²	0.6 mm

iACCESS

Access control through proximity readers

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.).





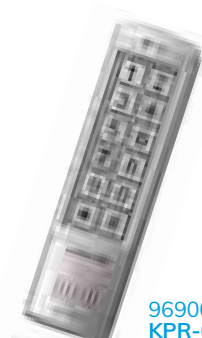
9690035
LPR-010



9690033
LPR-900



9690038
CCA-004



9690039
KPR-001



9800006
PNK-00000

/ RFID readers

CODE	MODEL	DESCRIPTION
9690035	LPR-010	iVANDAL
9690033	LPR-900	iBLACK
9770083	RVE-032	iACCESS reader for cardholder
9690038	CCA-004	Advanced management central post

/ Keypads for access control

CODE	MODEL	DESCRIPTION
9690039	KPR-001	RFID keypad and reader. IP66
9800006	PNK-00000	201 Line keypad

New



9690022
CCA-200



9690023
TLM-002

/ Garage remote controls

RF A 868.35 MHZ

CODE	MODEL	DESCRIPTION
9690022	CCA-200	Central unit
9690023	TLM-002	2 push-buttons remote control
9690026	TLM-004	4 push-buttons remote control

/ RFID keys for residents

KEYCHAIN FORMAT

CODE	MODEL	DESCRIPTION
9690018	LAC-020	Set of 5 keys for a single housing (numbers 0, 1, 2, 3 y 4)
9690001	LAC-000	10 keys no. 0
9690002	LAC-001	10 keys no. 1
9690003	LAC-002	10 keys no. 2
9690004	LAC-003	10 keys no. 3
9690005	LAC-004	10 keys no. 4
9690006	LAC-005	10 keys no. 5
9690012	LAC-006	10 keys no. 6
9690013	LAC-007	10 keys no. 7
9690014	LAC-008	10 keys no. 8
9690015	LAC-009	10 keys no. 9

/ Special RFID keys

KEYCHAIN FORMAT

CODE	MODEL	DESCRIPTION
9690016	LAC-010	CCA-004 central post configuration electronic proximity key
9690017	LAC-011	Electronic proximity key for access to multiple installations



9690001
LAC-000



9690016
LAC-010



/ Flush electric locks

WITH ADJUSTABLE LATCH

COMPACT SIZE		
CODE	MODEL	DESCRIPTION
9730087	ABR-021	Simple 12-18V AC/DC
9730025	ABR-011	Simple 15V DC
9730007	ABR-013	Automatic 15V DC
9730008	ABR-014	Automatic and manual release 15V DC
9730085	ABR-019	Fail safe 15V DC

STANDARD SIZE		
CODE	MODEL	DESCRIPTION
9730062	ABR-015	Simple 15V DC
9730064	ABR-017	Automatic 15V DC
9730065	ABR-018	Automatic and manual release 15V DC

/ Power supply units and accessories

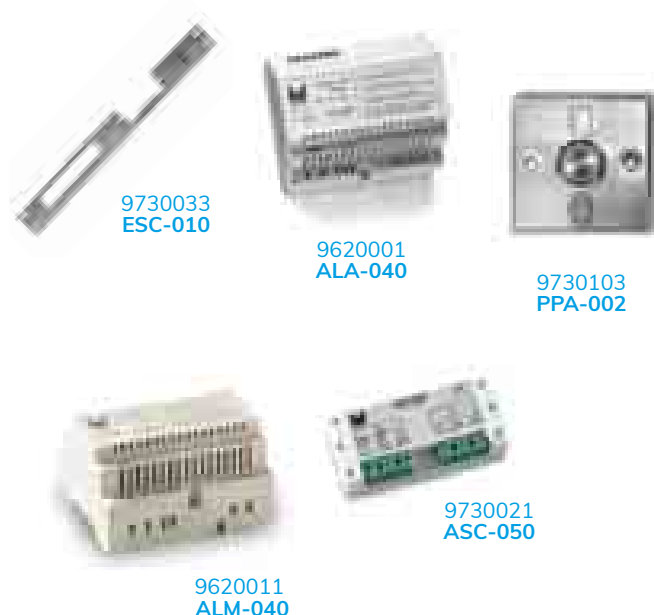
CODE	MODEL	DESCRIPTION
9690010	PLO-000	USB programmer for proximity keys
9730004	CNP-001	Door contact
9730033	ESC-010	Large shield for electric locks
9620001	ALA-040	25 VA power supply unit, electronic door entry system
9620016	ALC-030	25 VA power supply unit, video door entry system
9620011	ALM-040	Relay for maneuvers with special openers and other functions
9730021	ASC-050	Illuminated vandal-proof timed push-button
9730103	PPA-002	Pulsador temporizado para apertura de puerta

New

/ Magnetic electric locks

OVERLAPPING ELECTROMAGNETIC DOOR LOCK

COMPACT SIZE		
CODE	MODEL	DESCRIPTION
9730076	VEN-003	300Kg 12/24 V
9730077	VEN-005	500Kg 12/24 V



Standard quotes and diagrams

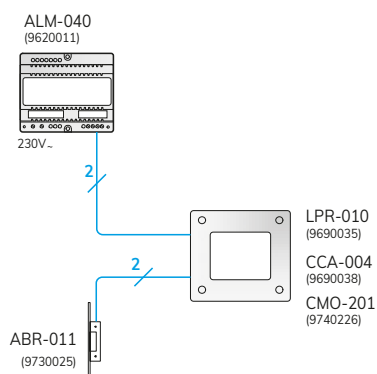
STANDARD QUOTE. iVANDAL

5 keys per housing. Does not include the PLO-000 programmer, necessary to program the keys.

No OF HOMES	Model					
	LAC-020	LPR-010	CCA-004	CMO-201	LAC-010	ABR-011
3	3	1	1	1	1	1
6	6	1	1	1	1	1
8	8	1	1	1	1	1
10	10	1	1	1	1	1
12	12	1	1	1	1	1
15	15	1	1	1	1	1
18	18	1	1	1	1	1
16	16	1	1	1	1	1
20	20	1	1	1	1	1
48	48	1	1	1	1	1

STANDARD DIAGRAM.

iVANDAL iACCESS for access control



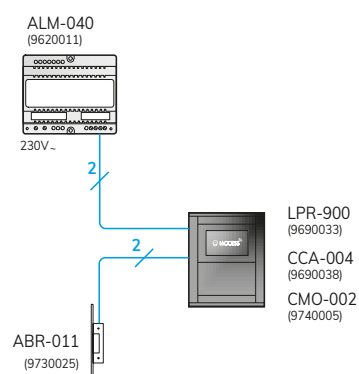
STANDARD QUOTE. iBLACK

5 keys per housing. Does not include the PLO-000 programmer, necessary to program the keys.

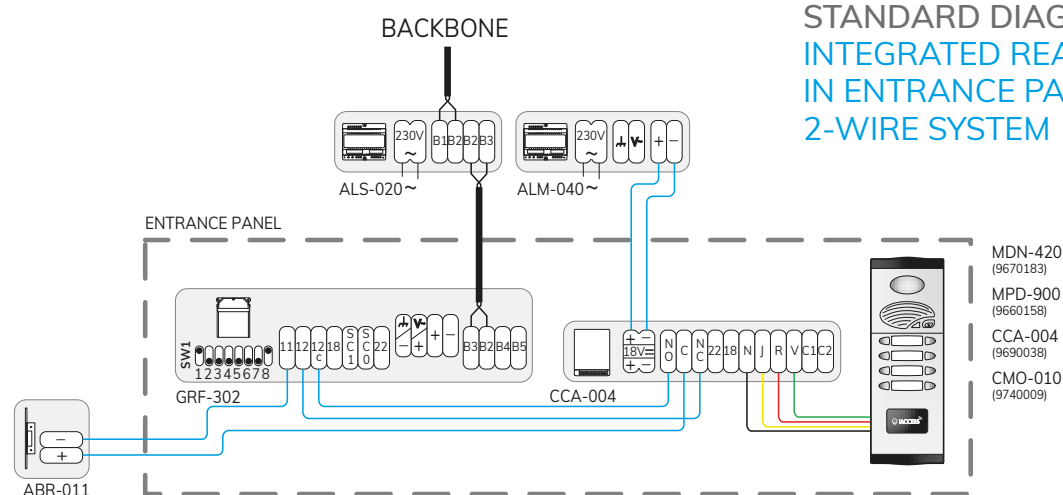
No OF HOMES	Model					
	LAC-020	LPR-900	CCA-004	CMO-002	ALM-040	ABR-011
3	3	1	1	1	1	1
6	6	1	1	1	1	1
8	8	1	1	1	1	1
10	10	1	1	1	1	1
12	12	1	1	1	1	1
15	15	1	1	1	1	1
18	18	1	1	1	1	1
16	16	1	1	1	1	1
20	20	1	1	1	1	1
48	48	1	1	1	1	1

STANDARD DIAGRAM.

iBLACK iACCESS for access control



STANDARD DIAGRAM. INTEGRATED READER IN ENTRANCE PANEL 2-WIRE SYSTEM



APPENDIX

WE SUPPORT YOU. FROM BEGINNING TO END

We present all the measures, examples, etc. you may need to start up your installation. And the most complete list of our 2020 product catalogue. We are here to help you with everything you need to achieve your goals, so do not hesitate to contact us should you have any questions or problems.





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EXAMPLES OF SPECIAL PRODUCT ORDERS

Entrance panels 201 Line

MPD-900 / MPD-901

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

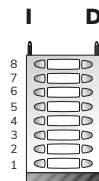
A: code (9660064)

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...)



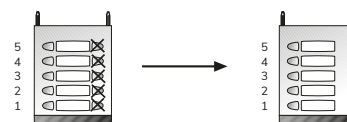
e.g.1: 9660064 MPD-900(S-004,1,2)

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



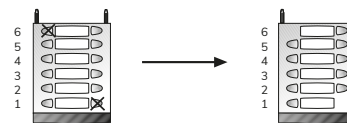
e.g.2: 9660064 MPD-900(D-005,1D,2D,3D,4D,5D)

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



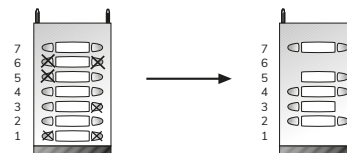
e.g.3: 9660064 MPD-900(D-006,1D,6I)

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)

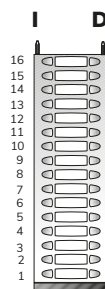
A: code (9660065)

B: model (MPD-901)

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

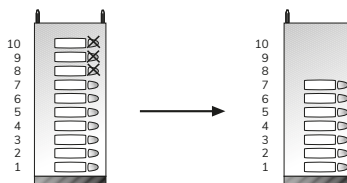
D: entrance panel height (from 009 to 016)

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



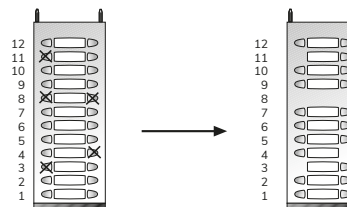
e.g.1: 9660065 MPD-901(S-010,8,9,10)

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



Entrance panels 201 Line

MPD-902 / MPD-903

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)

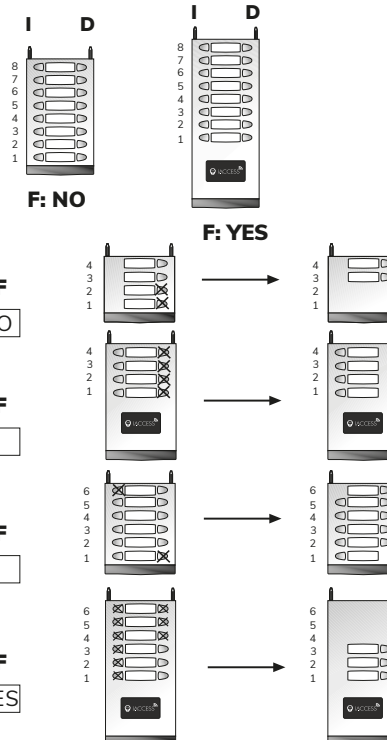
A	B	C	D	E	F
9660158	MPD-902	D	-004	1D,2D,3D,4D	SI

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)

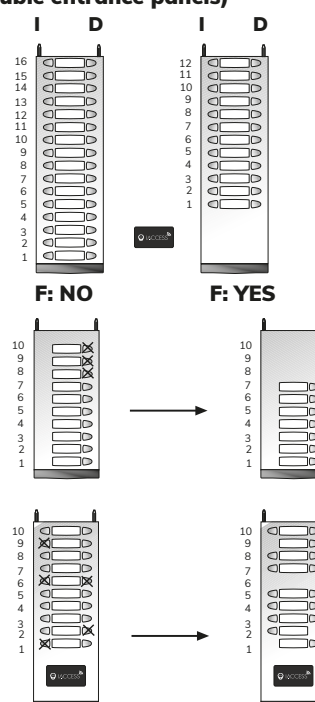
- A:** code (9660159)
B: model (MPD-903)
C: S -single push-buttons D-double push-buttons
D: entrance panel height from 009 to 016 (from 009 to 012 if F=YES)
E: push-buttons to remove (1,2,3I,4D...)
F: YES-with iACCESS reader; NO-without iACCESS reader
Note: If F is not indicated, it is understood that 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	

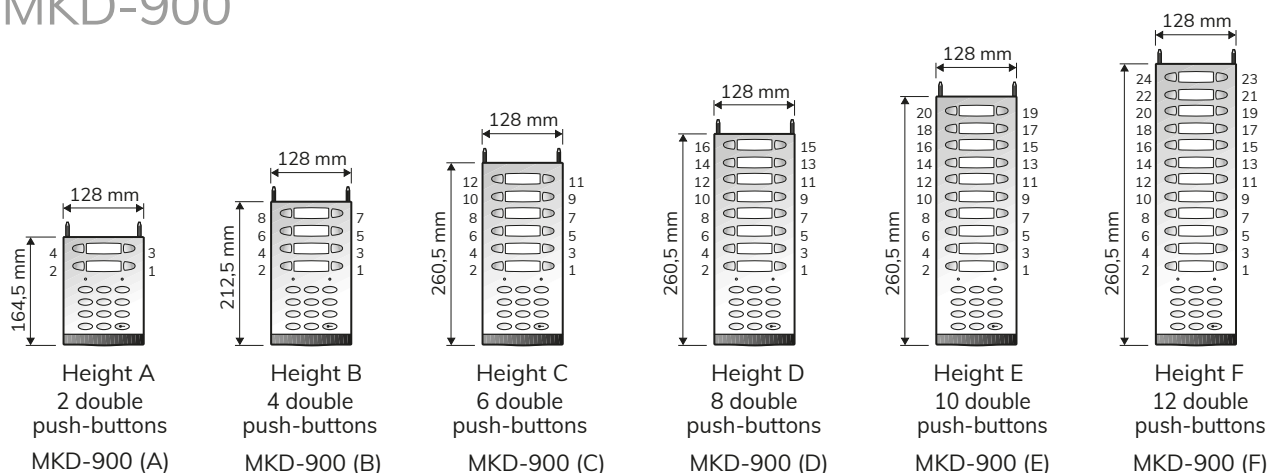
e.g. 2: 9660159 MPD-903(D-010,1I,2D,6,9I,YES)

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



Entrance panels 201 Line

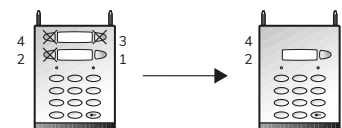
MKD-900



EXAMPLES OF ORDERS

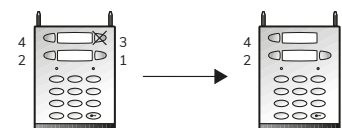
e.g.1: 9660016 MKD-900 (A, 2, 3, 4)

A	B	C	D
9660016	MKD-900	(A	2, 3, 4)



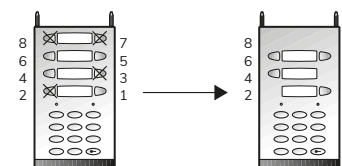
e.g.2: 9660016 MKD-900 (A, 3)

A	B	C	D
9660016	MKD-900	(A	3)



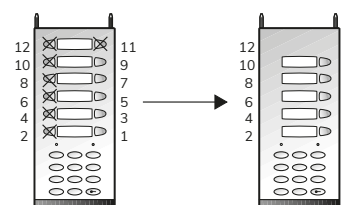
e.g.3: 9660016 MKD-900 (B, 2, 3, 7, 8)

A	B	C	D
9660016	MKD-900	(B	2, 3, 7, 8)



e.g.4: 9660016 MKD-900 (C, 2, 4, 6, 8, 10, 11, 12)

A	B	C	D
9660016	MKD-900	(C	2, 4, 6, 8, 10, 11, 12)



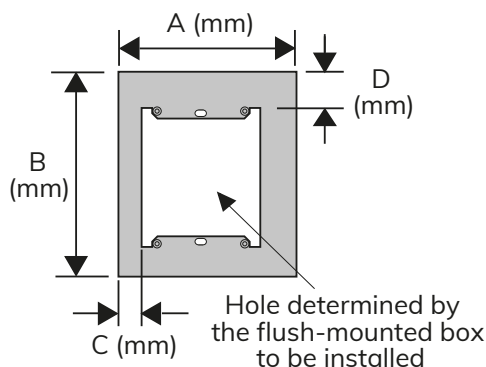
Key

- A:** code (9660016)
- B:** model (MKD-900)
- C:** height of the entrance panel (A, B, C, D, E or F)
- D:** push-buttons to remove (1, 3...)

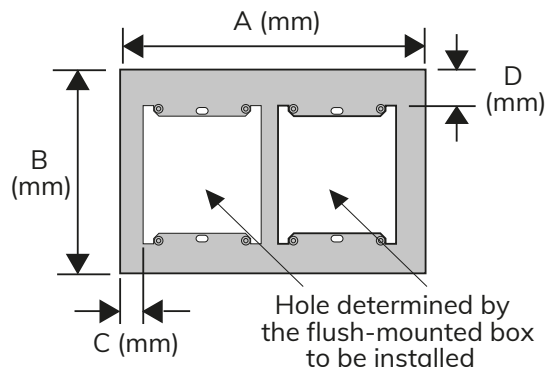
Frames 201 Line + iBLACK

MAR-900 / MAR-901 / MAR-902

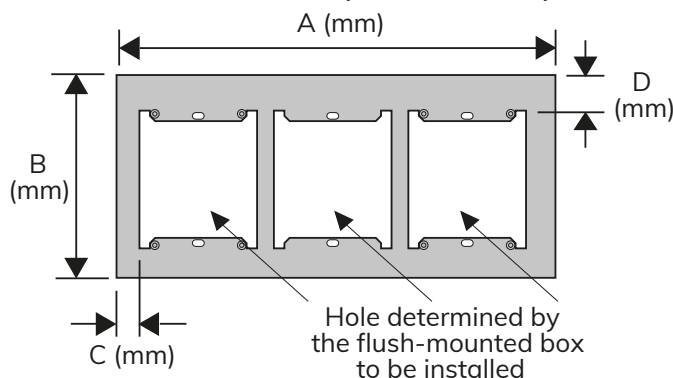
• 9740047- MAR-900 (CMO/A/B/C/D/E)



• 9740016- MAR-901 (CMO/A/B/C/D/E)



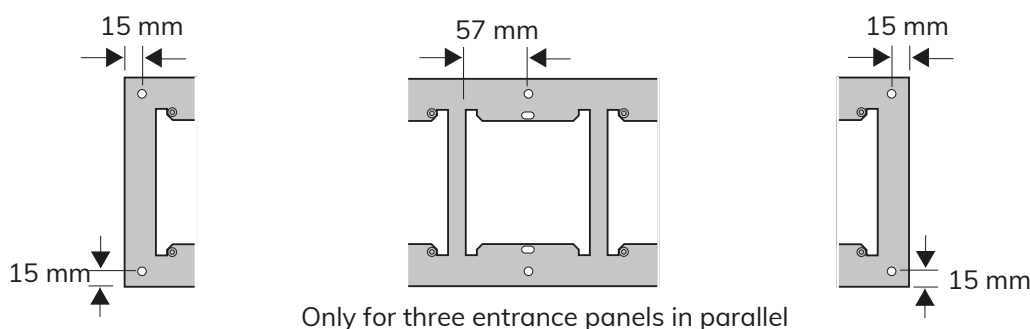
• 9740017- MAR-902 (CMO/A/B/C/D/E)



NOTES:

- The CMO parameter corresponds to the last three figures of the particular flush-mounted box to be used. For example, if the flush-mounted box is model CMO-010, then the parameter is 010.
- The C and D parameters indicate the degree to which the hole in the frame is decentred. If these are not indicated, it is understood that the hole must be in the centre of the frame.
- The E parameter indicates whether a frame is required with or without perforated holes for wall mounting. Put an S if you require the frame with perforated holes and an N if you require it without perforated holes. If you choose neither option, it will be assumed that you require the frame without perforated holes.

The position of the holes is fixed and is shown below:



Only for three entrance panels in parallel

Entrance panels iBLACK

PPD-52900 / PPD-52901 / PPD-52902

PPD-52903 / PPD-52904 / PPD-52905

KEY

A: Code

B: Model

C: S-Single push-buttons. D-double push-buttons

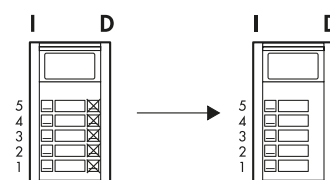
D: Height of the entrance panel

E: Push-buttons to remove

A:	9660130	9660131	9660132	9660133	9660134	9660135
B:	PPD-52900	PPD-52901	PPD-52902	PPD-52903	PPD-52904	PPD-52905
C:	S - D	S - D	S - D	S - D	S - D	S - D
D:	001 ~ 008	009 ~ 016	001 ~ 008	009 ~ 016	003 ~ 010	009 ~ 018
E:	1, 2, 3I, 4D...	1, 3I, 4D, 12...	1, 2, 3I, 4D...	1, 3I, 4D, 12...	1, 3I, 4D, 10D...	1, 3I, 4D, 12...

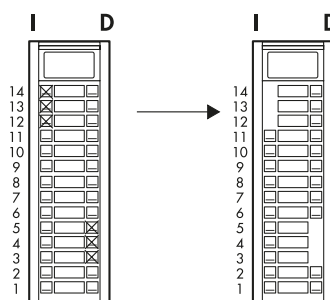
e.g. 1 9660130 PPD-52900 (D-005, 1D, 2D, 3D, 4D, 5D)

A	B	C	D	E
9660130	PPD-52900	D	005	1D, 2D, 3D, 4D, 5D



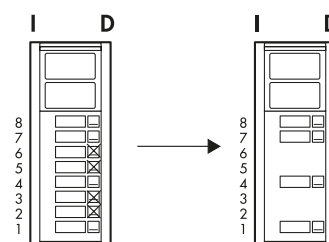
e.g. 2 9660131 PPD-52901 (D-014, 3D, 4D, 5D, 12I, 13I, 14I)

A	B	C	D	E
9660131	PPD-52901	D	014	3D, 4D, 5D, 12I, 13I, 14I



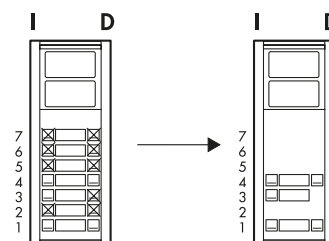
e.g. 3 9660132 PPD-52902 (S-008, 2, 3, 5, 6)

A	B	C	D	E
9660132	PPD-52902	S	008	2, 3, 5, 6



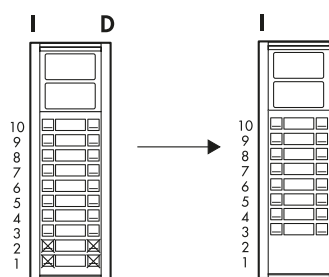
e.g. 4 9660132 PPD-52902 (D-007, 2, 3D, 5, 6, 7)

A	B	C	D	E
9660132	PPD-52902	D	007	2, 3D, 5, 6, 7



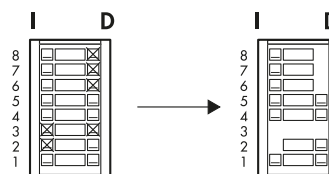
e.g. 5 9660133 PPD-52903 (D-10,1,2)

A	B	C	D	E
9660133	PPD-52903	D	010	1,2



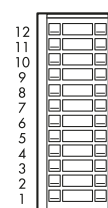
e.g. 6 9660134 PPD-52904 (D-008, 2I, 3, 6D, 7D, 8D)

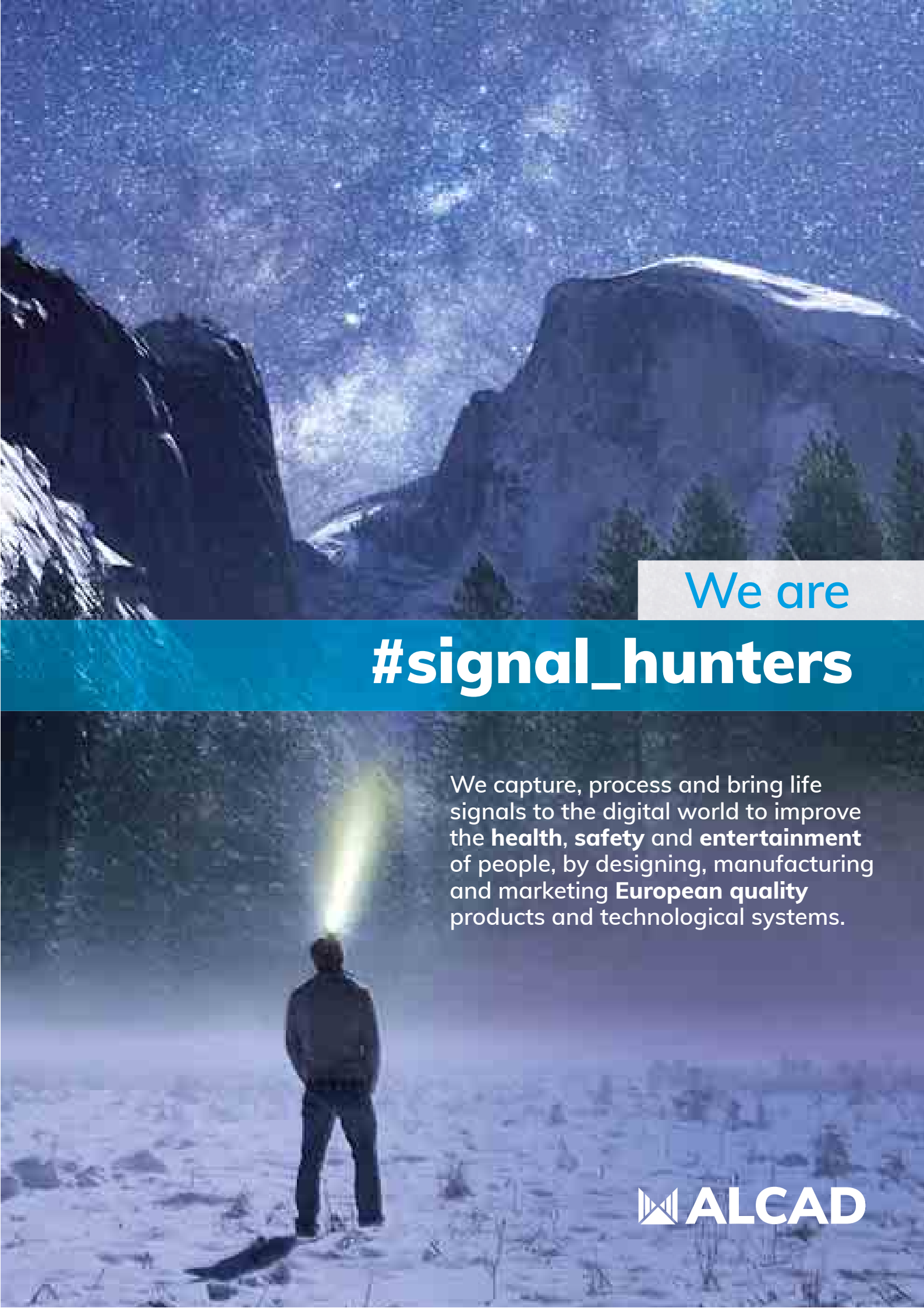
A	B	C	D	E
9660134	PPD-52904	D	008	2I, 3, 6D, 7D, 8D



e.g. 7 9660135 PPD-52905 (D-012)

A	B	C	D	E
9660135	PPD-52905	D	012	





We are

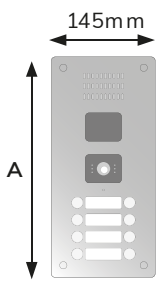
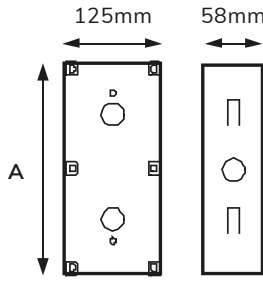
#signal_hunters

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 **ALCAD**

DIMENSIONS AND ACCESSORIES

Entrance panels iVANDAL

ENTRANCE PANELS			FLUSH-MOUNTED BOXES		
					
A	MODELS		A	MODELS	
MODULES 142 mm	9690035 LPR-010 9800159 PNB-600		125 mm	9740226 CMO-201	
1 / 2 STOREYS 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	
3 / 4 STOREYS 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	
5 / 6 STOREYS 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	
7 / 8 STOREYS 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	
9 / 10 STOREYS 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	

Entrance panels iBLACK

ENTRANCE PANELS			FLUSH-MOUNTED BOXES			RAIN-SHIELDS FOR FLUSH-MOUNTED BOXES									SURFACE BOX			RAIN-SHIELDS FOR SURFACE BOXES									ANGULAR SURFACE BOX		
																													
A	B	MODELS	A	B	MODEL	A	B	MODEL	A	B	MODEL	A	B	MODEL	A	B	MODEL	A	B	MODEL	A	B	MODEL						
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	V/S-115	364 mm	299 mm	V/S-125	364 mm	427 mm	V/S-135	339 mm	128 mm	CSU-515	352 mm	156 mm	V/S-215	352 mm	284 mm	V/S-225	352 mm	412 mm	V/S-235	332 mm	128 mm	CSU-315

15/16 STOREYS		13/14 STOREYS		11/12 STOREYS		9/10 STOREYS	
531 mm	483 mm	483 mm	435 mm	435 mm	387 mm	387 mm	339 mm
128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm
PPS-52215 PPS-52216 PPD-52215 PPD-52216	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-52111 PPS-52112 PPD-52111 PPD-52112	PPS-52209 PPS-52210 PPD-52209 PPD-52210	PPS-52109 PPS-52110 PPD-52109 PPD-52110
515 mm	467 mm	467 mm	419 mm	419 mm	371 mm	371 mm	323 mm
114 mm	114 mm	114 mm	114 mm	114 mm	114 mm	114 mm	114 mm
CMO-018	CMO-016	CMO-016	CMO-014	CMO-014	CMO-012	CMO-012	CMO-010
556 mm	508 mm	508 mm	460 mm	460 mm	412 mm	412 mm	364 mm
171 mm	171 mm	171 mm	171 mm	171 mm	171 mm	171 mm	171 mm
V/S-119	V/S-118	V/S-118	V/S-117	V/S-117	V/S-116	V/S-116	V/S-115
556 mm	508 mm	508 mm	460 mm	460 mm	412 mm	412 mm	364 mm
299 mm	299 mm	299 mm	299 mm	299 mm	299 mm	299 mm	299 mm
V/S-129	V/S-128	V/S-128	V/S-127	V/S-127	V/S-126	V/S-126	V/S-125
556 mm	508 mm	508 mm	460 mm	460 mm	412 mm	412 mm	364 mm
427 mm	427 mm	427 mm	427 mm	427 mm	427 mm	427 mm	427 mm
V/S-139	V/S-138	V/S-138	V/S-137	V/S-137	V/S-136	V/S-136	V/S-135
531 mm	483 mm	483 mm	435 mm	435 mm	387 mm	387 mm	339 mm
128 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	CSU-515
544 mm	496 mm	496 mm	448 mm	448 mm	400 mm	400 mm	352 mm
156 mm	156 mm	156 mm	156 mm	156 mm	156 mm	156 mm	156 mm
V/S-219	V/S-218	V/S-218	V/S-217	V/S-217	V/S-216	V/S-216	V/S-215
544 mm	496 mm	496 mm	448 mm	448 mm	400 mm	400 mm	352 mm
284 mm	284 mm	284 mm	284 mm	284 mm	284 mm	284 mm	284 mm
V/S-229	V/S-228	V/S-228	V/S-227	V/S-227	V/S-226	V/S-226	V/S-225
544 mm	496 mm	496 mm	448 mm	448 mm	400 mm	400 mm	352 mm
412 mm	412 mm	412 mm	412 mm	412 mm	412 mm	412 mm	412 mm
V/S-239	V/S-238	V/S-238	V/S-237	V/S-237	V/S-236	V/S-236	V/S-235
527 mm	476 mm	476 mm	428 mm	428 mm	380 mm	380 mm	332 mm
128 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	CSU-315

7/8 STOREYS		5/6 STOREYS		3/4 STOREYS		1/2 STOREYS	
339 mm	291 mm	291 mm	243 mm	243 mm	195 mm	195 mm	147 mm
128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm
PPS-52207 PPS-52108 PPD-52207 PPD-52208	PPS-52107 PPD-52108 PPD-52107 PPD-52108	PPS-52205 PPS-52206 PPD-52205 PPD-52206	PPS-52105 PPS-52106 PPD-52105 PPD-52106	PPS-52203 PPS-52204 PPD-52203 PPD-52204	PPS-52103 PPS-52104 PPD-52103 PPD-52104	PPS-52201 PPS-52202 PPD-52201 PPD-52202	PPS-52101 PPS-52102 PPD-52101 PPD-52102 LPR-900 MVN-907 MVN-908
323 mm	275 mm	275 mm	227 mm	227 mm	179 mm	179 mm	131 mm
114 mm	114 mm	114 mm	114 mm	114 mm	114 mm	114 mm	114 mm
CMO-010	CMO-008	CMO-008	CMO-006	CMO-006	CMO-004	CMO-004	CMO-002
364 mm	316 mm	316 mm	268 mm	268 mm	220 mm	220 mm	172 mm
171 mm	171 mm	171 mm	171 mm	171 mm	171 mm	171 mm	171 mm
V/S-115	V/S-114	V/S-114	V/S-113	V/S-113	V/S-112	V/S-112	V/S-111
364 mm	316 mm	316 mm	268 mm	268 mm	220 mm	220 mm	172 mm
299 mm	299 mm	299 mm	299 mm	299 mm	299 mm	299 mm	299 mm
V/S-125	V/S-124	V/S-124	V/S-123	V/S-123	V/S-122	V/S-122	V/S-121
364 mm	316 mm	316 mm	268 mm	268 mm	220 mm	220 mm	172 mm
427 mm	427 mm	427 mm	427 mm	427 mm	427 mm	427 mm	427 mm
V/S-135	V/S-134	V/S-134	V/S-133	V/S-133	V/S-132	V/S-132	V/S-131
339 mm	291 mm	291 mm	243 mm	243 mm	195 mm	195 mm	147 mm
128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm
CSU-515	CSU-514	CSU-514	CSU-513	CSU-513	CSU-512	CSU-512	CSU-511
352 mm	304 mm	304 mm	256 mm	256 mm	208 mm	208 mm	160 mm
156 mm	156 mm	156 mm	156 mm	156 mm	156 mm	156 mm	156 mm
V/S-215	V/S-214	V/S-214	V/S-213	V/S-213	V/S-212	V/S-212	V/S-211
352 mm	304 mm	304 mm	256 mm	256 mm	208 mm	208 mm	160 mm
284 mm	284 mm	284 mm	284 mm	284 mm	284 mm	284 mm	284 mm
V/S-225	V/S-224	V/S-224	V/S-223	V/S-223	V/S-222	V/S-222	V/S-221
352 mm	304 mm	304 mm	256 mm	256 mm	208 mm	208 mm	160 mm
412 mm	412 mm	412 mm	412 mm	412 mm	412 mm	412 mm	412 mm
V/S-235	V/S-234	V/S-234	V/S-233	V/S-233	V/S-232	V/S-232	V/S-231
332 mm	284 mm	284 mm	236 mm	236 mm	188 mm	188 mm	140 mm
128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm
CSU-315	CSU-314	CSU-314	CSU-313	CSU-313	CSU-312	CSU-312	CSU-311

Entrance panels

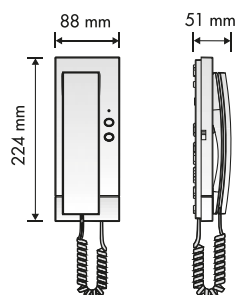
201 Line

ENTRANCE PANEL		FLUSH-MOUNTED BOX		RAIN-SHIELDS FOR FLUSH-MOUNTED BOXES						SURFACE BOX		RAIN-SHIELDS FOR SURFACE BOXES						ANGULAR SURFACE BOX	
A	B	A	B	SINGLE		DOUBLE		TRIPLE		A	B	SINGLE		DOUBLE		TRIPLE		A	B
147 mm	128 mm	131 mm	114 mm	172 mm	171 mm	172 mm	299 mm	172 mm	427 mm	147 mm	128 mm	160 mm	156 mm	160 mm	284 mm	160 mm	412 mm	140 mm	128 mm
PAK-41000 PAK-42000 PAK-44000 PAK-03020 PDK-41500 PDK-42500 PDK-44500 PTN-00000	MODEL	CMO-002	MODEL	VS-111	VS-114	VS-124	VS-134	CSU-211	MODEL	VS-211	VS-221	VS-231	CSU-311	MODEL	VS-211	VS-221	VS-231	CSU-311	MODEL

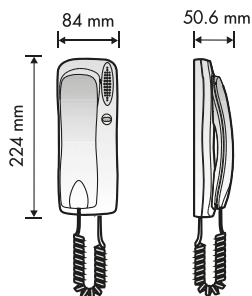
15/16 STOREYS		13/14 STOREYS				11/12 STOREYS			
DOUBLE	SINGLE	TRIPLE	DOUBLE	SINGLE	TRIPLE	DOUBLE	SINGLE	DOUBLE	SINGLE
531 mm	483 mm	531 mm	483 mm	435 mm	483 mm	435 mm	387 mm	435 mm	387 mm
128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm	128 mm
515 mm	467 mm	515 mm	467 mm	419 mm	467 mm	419 mm	371 mm	419 mm	371 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-012	CMO-014	CMO-012
556 mm	508 mm	556 mm	508 mm	460 mm	508 mm	460 mm	412 mm	508 mm	412 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-116	VS-117	VS-116
556 mm	508 mm	556 mm	508 mm	460 mm	508 mm	460 mm	412 mm	508 mm	412 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-126	VS-128	VS-126
556 mm	508 mm	556 mm	508 mm	460 mm	508 mm	460 mm	412 mm	508 mm	412 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-136	VS-138	VS-136
531 mm	483 mm	531 mm	483 mm	435 mm	483 mm	435 mm	387 mm	483 mm	387 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-216	CSU-218	CSU-216
544 mm	496 mm	544 mm	496 mm	448 mm	496 mm	448 mm	400 mm	496 mm	400 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-216	VS-218	VS-216
544 mm	496 mm	544 mm	496 mm	448 mm	496 mm	448 mm	400 mm	496 mm	400 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-226	VS-228	VS-226
544 mm	496 mm	544 mm	496 mm	448 mm	496 mm	448 mm	400 mm	496 mm	400 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-236	VS-238	VS-236
527 mm	476 mm	524 mm	476 mm	428 mm	476 mm	428 mm	380 mm	476 mm	380 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-316	CSU-318	CSU-316

Handsets, monitors and accessories

HANDSETS

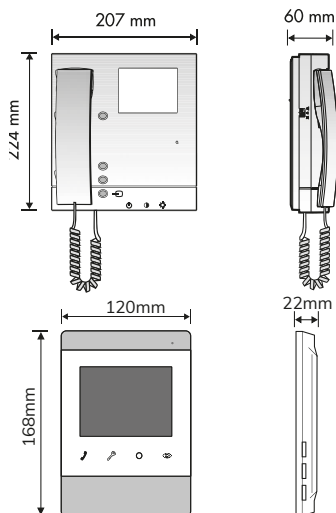


9600034
9600036



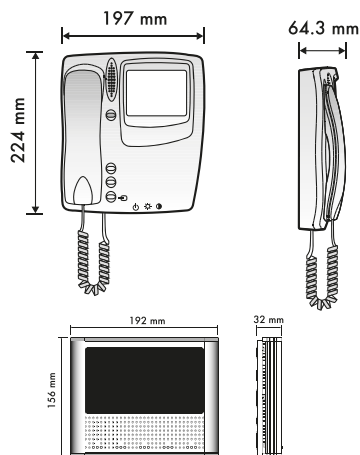
9600001 9600012
9600002 9600013
9600003 9600014
9600007 9600018
9600018 9600039
9600010
9600011

INDOOR UNITS



9630042
9630049

9630075

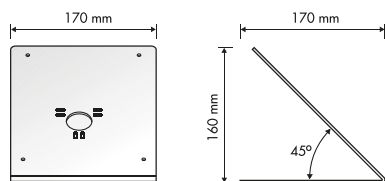


9630001
9680015
9630008
9630043
9630033
9630050
9630051

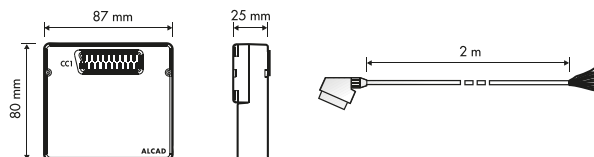
9630045
9630041
9630044

ACCESSORIES FOR INDOOR UNITS

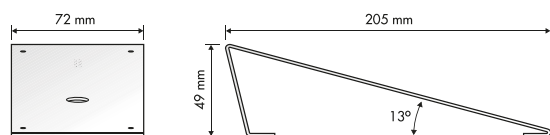
Desktop supports



9730049

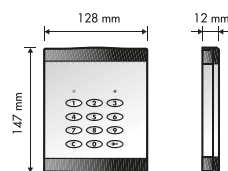


ACCESSORIES FOR HANDSETS



9730029

ACCESS CONTROL SYSTEM

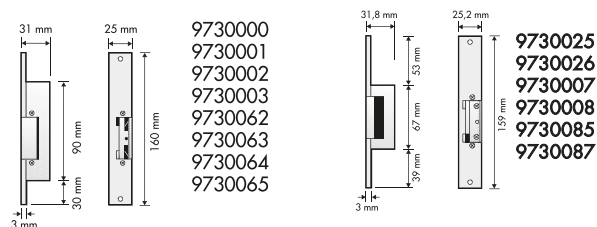


9800006

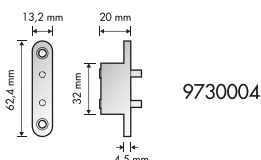


9800114

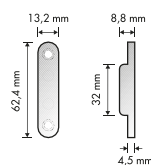
ELECTRIC LOCK



DOOR CONTACT

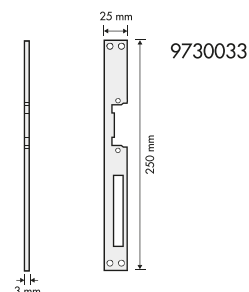


Male door contact

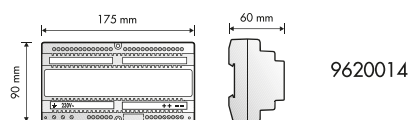
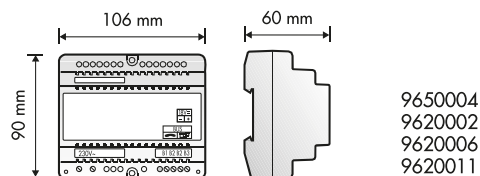


Female door contact

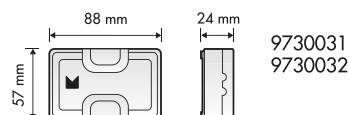
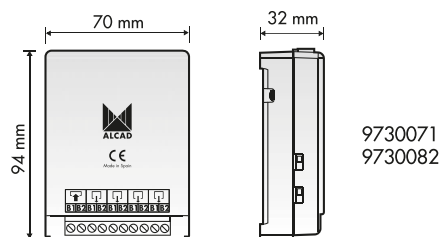
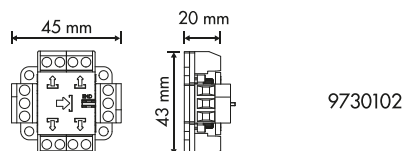
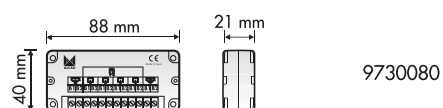
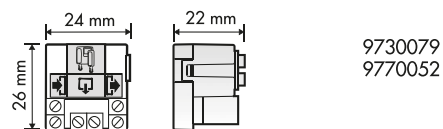
ELECTRIC LOCK SHIELD



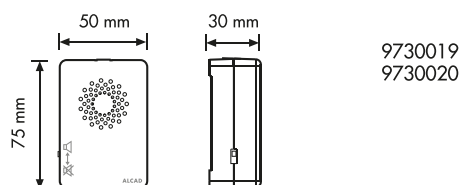
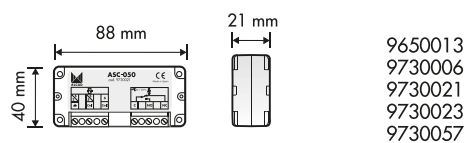
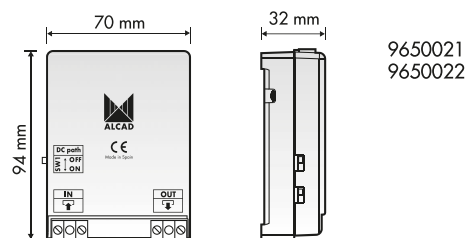
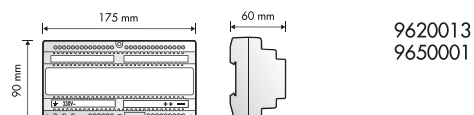
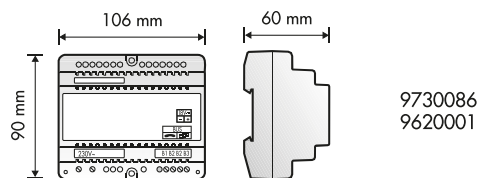
POWER SUPPLY UNITS



SPLITTERS / TAP-OFFS



ELECTRONIC ACCESSORIES



LISTS OF PRODUCTS

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	9600036	TET-004	20	32
	9600039	TEL-004	20	58
	9600040	TUN-201	20	58
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	9630008	MVC-002	12	15, 50
	9630031	SCM-051	11	32
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	9630043	MVC-008	12	32
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