

DOOR ENTRY SYSTEMS

Video and audio intercom | Access control
Home automation



Usoa

Entrance
panel

DESIGN
WITHOUT
LIMITS



IT'S THIS SIMPLE!



- 1 Choose your modules
- 2 Choose your design
Place the modules in the order of your choice
- 3 Put it together!

THE MODULAR ENTRANCE PANEL FOR UNLIMITED DESIGN

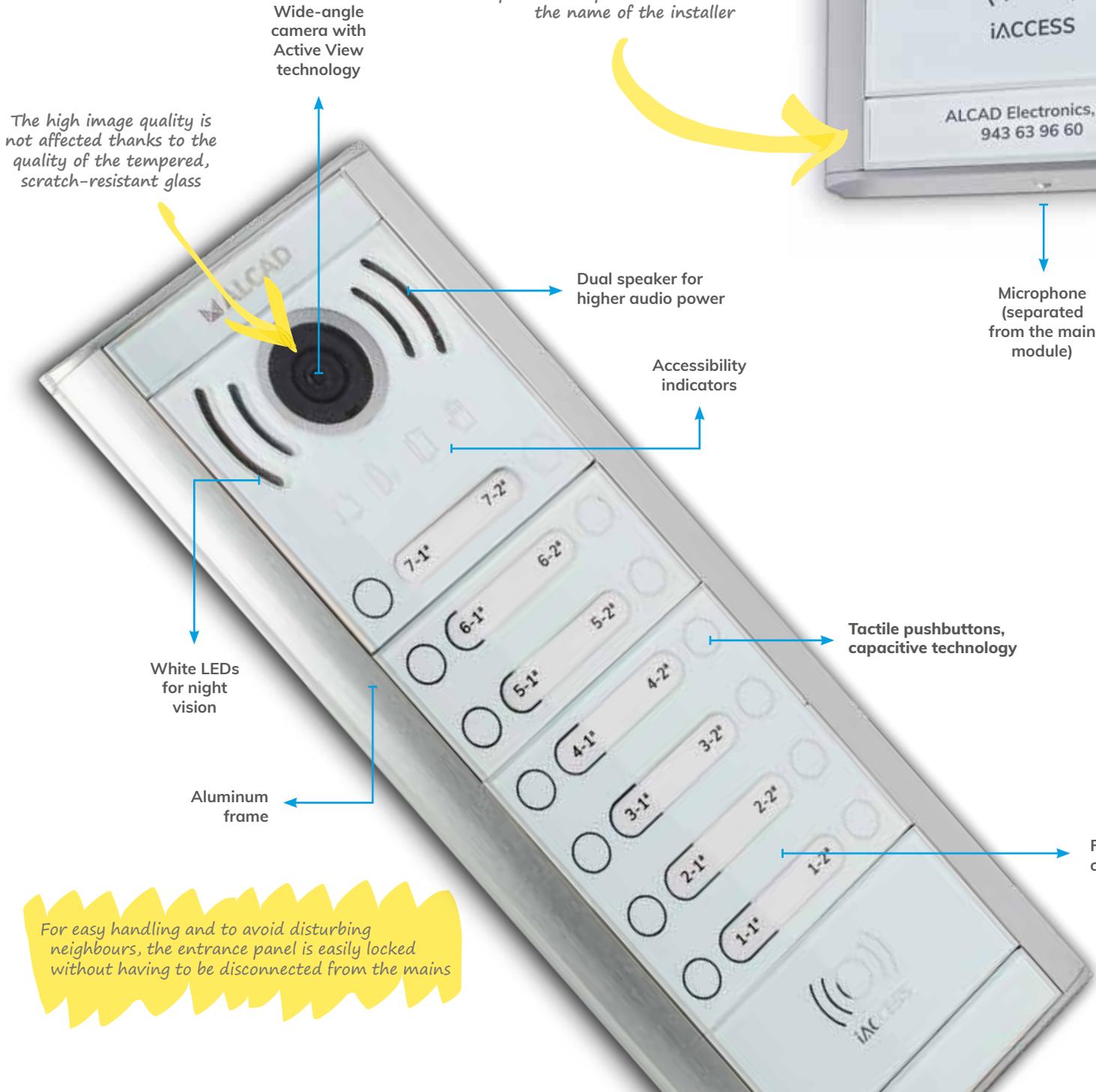
The new Usua entrance panel stands out for the **elegance of the tempered glass and its simple and discreet lines**, which give it an air of sophistication. It is **an innovative entrance panel, both in terms of aesthetics and technology**, designed from the outset to be modular. Usua is able to offer total freedom when it comes to configuring and combining its different elements: choose your modules, choose your design and assemble your panel. It's that simple!

Its **backlit touch buttons, with capacitive technology**, and its aluminium frame, which hides all the hardware, result in a flat and compact device with a minimalist and modern look.

High-quality tempered glass

The delicate appearance of its exterior, thanks to its high quality tempered glass surface, conceals a **high resistance to shocks and adverse weather (IP55 degree of protection)**, which guarantees its resistance to wear and tear without losing any of its qualities.





Wide-angle camera with Active View technology

The high image quality is not affected thanks to the quality of the tempered, scratch-resistant glass

The CUT-010 lower screw cover allows the entrance panel to be personalised with the name of the installer

Dual speaker for higher audio power

Accessibility indicators

White LEDs for night vision

Aluminum frame

Tactile pushbuttons, capacitive technology

Front removal of card holders



Microphone (separated from the main module)

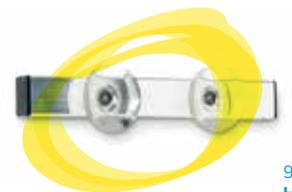
Integration with iACCESS access control

Usoa offers you total freedom of choice of modules to create personalized compositions, with an innovative aesthetic.

Characteristics:

- It is created from the combination of different pieces, such as racks of different sizes and modules to cover different needs: pushbuttons, card holders, access control, etc.
- Voice synthesizer in 14 languages.
- Front audio adjustment.

For easy handling and to avoid disturbing neighbours, the entrance panel is easily locked without having to be disconnected from the mains



9730106 HST-002

The front extraction tool is essential for disassembly of the entrance panel

2 WIRES SYSTEM IDEAL FOR NEW BUILDS AND REPLACEMENTS

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

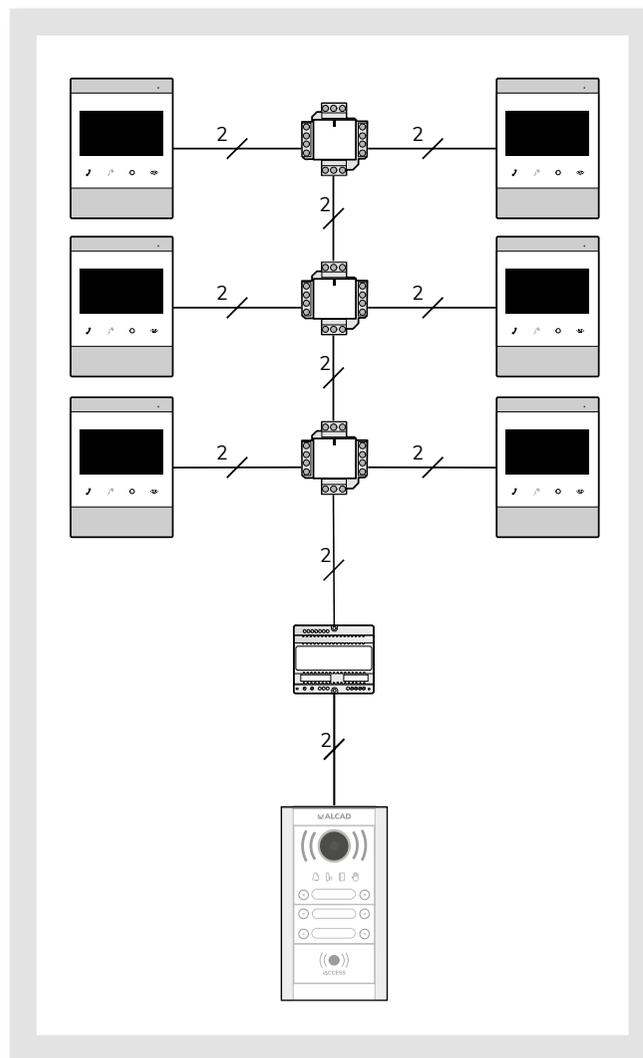
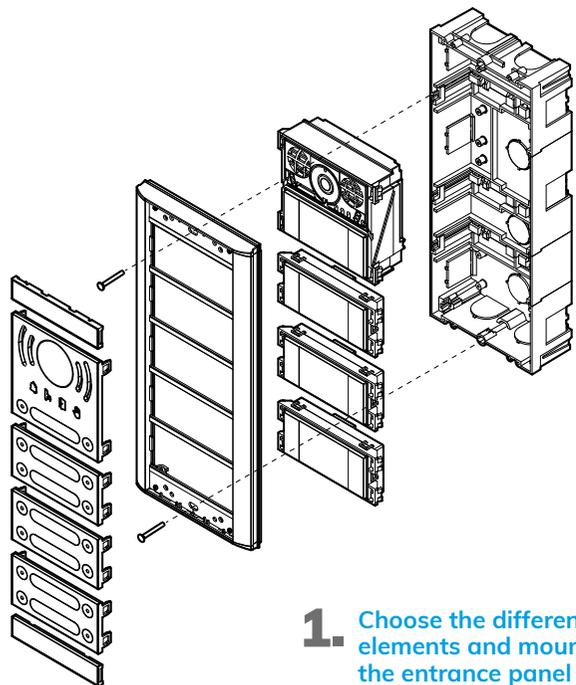
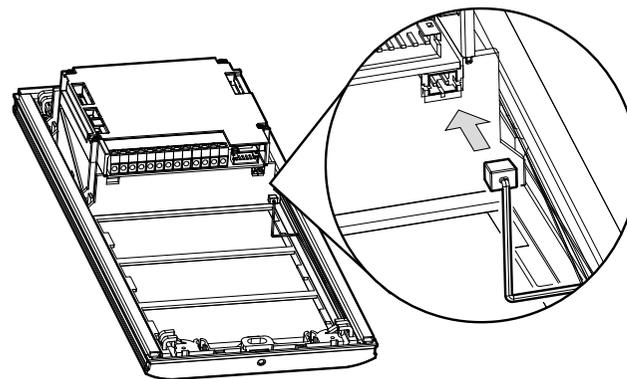


TABLE OF FEATURES

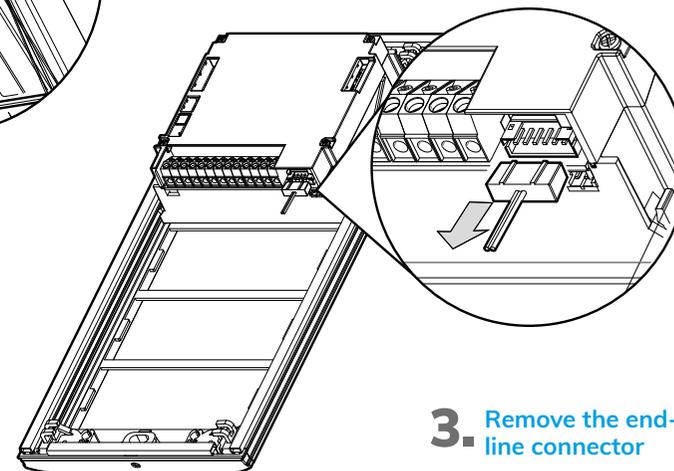
| | |
|---|---|
| Wiring | 2 non-polarized wires, flexible topology |
| Cable types | <ul style="list-style-type: none"> - Parallel 2x1mm² ALCAD Optimized CAB-307 - Common Parallel (2x1mm², 2x0,5mm²...) - Twisted pair - UTP CAT5 - Replacing of a doorbell (2 wires) - 4+N cable <p>Note: Performance may vary depending on the cable used. Recommended cable: Parallel 2x1mm² ALCAD Optimized CAB-307.</p> |
| 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 |



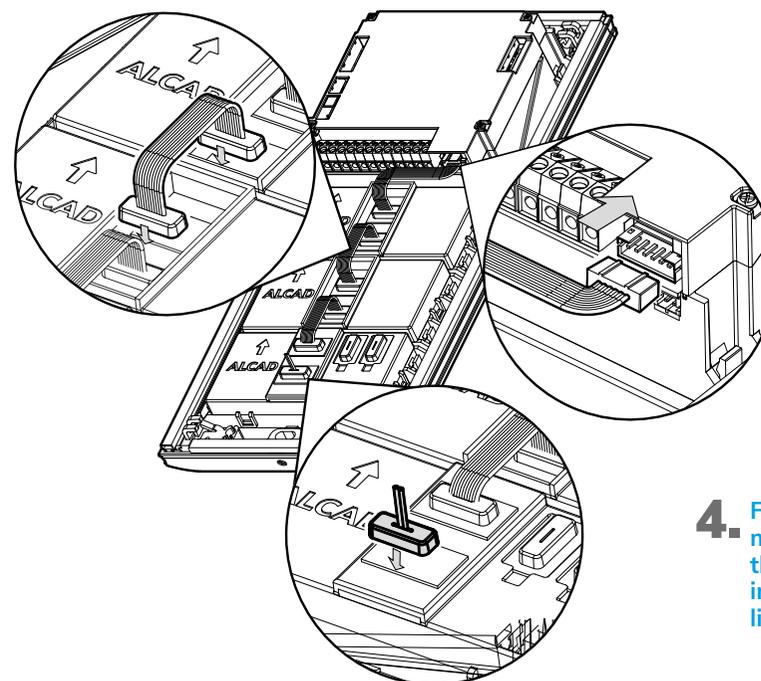
1. Choose the different elements and mount the entrance panel



2. Attach the main module and connect the microphone



3. Remove the end-of-line connector



4. Fix the rest of the modules, connect them together and insert the end-of-line connector

A simple start-up

In order to simplify as much as possible the commissioning of a Usoa entrance panel, we have not left any detail to chance. And once you have all the modules connected to each other, you will only have to customize it:

- On the front, place the **identification cards** of the pushbuttons.
- **Voice messages:** select the language and spoken messages.
- **Main module:** adjust the light sensor; the illumination of the card holders and the camera with active communication; the anti-fog system with heater and the audio.

A STRONG PERSONALITY

The main module of the Usua entrance panel has a strong personality, starting with the **impressive wide-angle camera** (audio and video version). Thanks to its **ACTIVE VIEW technology**, it provides never-before-seen colours and stunning image quality, even in backlit conditions.

Next to the camera, **two powerful loudspeakers provide crisp and clear audio**, with the possibility to choose the voice message “Door open” in 14 languages. The position of the microphone, away from the speakers and outside the main module, allows it to be used to its full capacity without generating annoying coupling effects.

Accessibility icons

The main module is completed by **four illuminated icons designed to guarantee accessibility** for anyone wishing to enter the building.

These large icons, **included in all models**, provide information on the status of the communication: call in progress, call in conversation, door open and system busy.





9710012 | MVG-000

AUDIO & VIDEO
NO PUSH BUTTONS



9710011 | MVG-011

AUDIO & VIDEO
1 PUSH BUTTON



9710013 | MVG-021

AUDIO & VIDEO
2 PUSH BUTTONS

| | | | |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Connection | 2 Wires | 2 Wires | 2 Wires |
| Number of windows | 2 | 2 | 2 |
| Front material | 3 mm white tempered glass | 3 mm white tempered glass | 3 mm white tempered glass |
| Number of touch buttons | No push buttons | 1 push button (right) | 2 push buttons (left / right) |
| Camera: Sensor | 1/3" WDR CMOS ACTIVE VIEW | 1/3" WDR CMOS ACTIVE VIEW | 1/3" WDR CMOS ACTIVE VIEW |
| Illumination | White leds | White leds | White leds |
| Viewing angle | D: 170° | D: 170° | D: 170° |
| Power supply | DC 12.5-18V | DC 12.5-18V | DC 12.5-18V |
| "Door open" message | 14 languages | 14 languages | 14 languages |
| Accessibility indicator | 4 Light indicators SUA-9 (CTE) | 4 Light indicators SUA-9 (CTE) | 4 Light indicators SUA-9 (CTE) |
| Operating temperature | -10°C ... +55°C | -10°C ... +55°C | -10°C ... +50°C |



9710015 | MAG-000

AUDIO
NO PUSH BUTTONS



9710014 | MAG-011

AUDIO
1 PUSH BUTTON



9710016 | MAG-021

AUDIO
2 PUSH BUTTONS

| | | | |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Connection | 2 Wires | 2 Wires | 2 Wires |
| Number of windows | 2 | 2 | 2 |
| Front material | 3 mm white tempered glass | 3 mm white tempered glass | 3 mm white tempered glass |
| Number of touch buttons | No push buttons | 1 push button (right) | 2 push buttons (left / right) |
| Power supply | DC 12.5-18V | DC 12.5-18V | DC 12.5-18V |
| "Door open" message | 14 languages | 14 languages | 14 languages |
| Accessibility indicator | 4 Light indicators SUA-9 (CTE) | 4 Light indicators SUA-9 (CTE) | 4 Light indicators SUA-9 (CTE) |
| Operating temperature | -10°C ... +55°C | -10°C ... +55°C | -10°C ... +55°C |



A CONFIGURATION FOR EVERY NEED

Usoa is able to offer the best response to any need, whether in **residential, industrial or tertiary projects**. The freedom to combine modules in its different frames is total, with the capacity to incorporate **up to 17 heights** of push buttons (34 dwellings) in a single frame.

Usoa modules include **push buttons, card holders and full integration with the iACCESS access control system**, which allows residents to enter the building quickly and conveniently using their key or RFID card.

No detail has been left to chance:

- **Cleaning mode:** by pressing a combination of keys, the panel is deactivated for a few seconds, allowing it to be cleaned.
- **Anti-fogging function:** a temperature and humidity sensor heats the camera when necessary, preventing fogging around the lens.
- **Energy saving:** the backlit zones are activated as soon as the sensor detects that the light intensity decreases below a pre-determined threshold.

Connection

Number of windows

Front material

Number of touch buttons

Power supply

Operating temperature

Connection

Number of windows

Front material

Number of touch buttons

Power supply

Operating temperature



9710017 | MPP-011

**1 PUSH BUTTON
SIMPLE**

Flat connector

- 1
- 3 mm white tempered glass
- 1 simple push button
- Through flat connector
- 10°C ... +55°C



9710018 | MPP-021

**1 PUSH BUTTON
DOUBLE**

Flat connector

- 1
- 3 mm white tempered glass
- 1 double push buttons
- Through flat connector
- 10°C ... +55°C



9710019 | MPP-012

**2 PUSH BUTTONS
SIMPLE**

Flat connector

- 1
- 3 mm white tempered glass
- 2 simple push buttons
- Through flat connector
- 10°C ... +55°C



9710020 | MPP-022

**2 PUSH BUTTONS
DOUBLE**

Latiguillo plano

- 1
- 3 mm white tempered glass
- 2 double push buttons
- Through flat connector
- 10°C ... +55°C

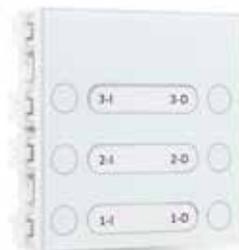


9710021 | MPG-013

**3 PUSH BUTTONS
SIMPLE**

Flat connector

- 2
- 3 mm white tempered glass
- 3 simple push buttons
- Through flat connector
- 10°C ... +55°C



9710023 | MPG-023

**3 PUSH BUTTONS
DOUBLE**

Flat connector

- 2
- 3 mm white tempered glass
- 3 double push buttons
- Through flat connector
- 10°C ... +55°C



9710022 | MPG-014

**4 PUSH BUTTONS
SIMPLE**

Flat connector

- 2
- 3 mm white tempered glass
- 4 simple push buttons
- Through flat connector
- 10°C ... +55°C



9710024 | MPG-024

**4 PUSH BUTTONS
DOUBLE**

Latiguillo plano

- 2
- 3 mm white tempered glass
- 4 double push buttons
- Through flat connector
- 10°C ... +55°C

MODULES WITH OTHER FUNCTIONS



9710025 | MLP-000

**iACCESS
MODULE**



9710026 | MCP-000

**BLIND MODULE
SIMPLE**



9710028 | MTP-000

**CARD HOLDER MODULE
SIMPLE**

| | | | |
|------------------------------|---------------------------|---------------------------|--|
| Connection | Flat connector | - | Flat connector / V _{IN} connection |
| Number of windows | 1 | 1 | 1 |
| Front material | 3 mm white tempered glass | 3 mm white tempered glass | 3 mm white tempered glass |
| RFID reader | Mifare Classic type A | - | - |
| Power supply | Through flat connector | - | Through flat connector / Through V _{IN} |
| Operating temperature | -10°C ... +55°C | - | -10°C ... +55°C |

*Customise your
installation in a simple
and elegant way!*



9710030 | CUT-010

**CUSTOMIZED
SCREW COVERS**



9710027 | MCG-000

**BLIND MODULE
DOUBLE**



9710029 | MTG-000

**CARD HOLDER MODULE
DOUBLE**

| | | | |
|------------------------------|---------------------------|---------------------------|--|
| Connection | - | - | Flat connector / V _{IN} connection |
| Number of windows | - | 2 | 2 |
| Front material | 3 mm white tempered glass | 3 mm white tempered glass | 3 mm white tempered glass |
| RFID reader | - | - | - |
| Power supply | - | - | Through flat connector / Through V _{IN} |
| Operating temperature | - | - | -10°C ... +55°C |

QUICKLY ORGANISE YOUR ENTRANCE PANEL

Usoa's range of frames allows you to organise your outdoor panel quickly and efficiently. With options ranging **from 2 to 10 windows**, the hardest thing you will have to do is choose the position of each module.

Do you want to place the camera at the top, do you prefer the card holder in the centre, or have you been asked to place the iACCESS reader at the bottom, for the convenience of your neighbours? With Usoa's frames, **any combination is possible!**



9710002 | FRA-002

2 WINDOWS



9710005 | FRA-005

5 WINDOWS

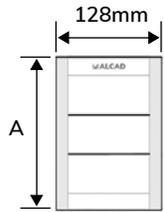


9710010 | FRA-010

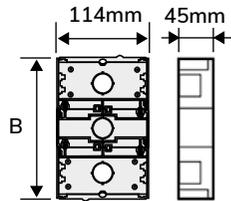
10 WINDOWS

ACCESSORIES

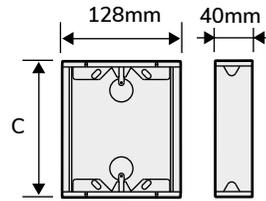
FLUSH-MOUNTED AND SURFACE BOXES



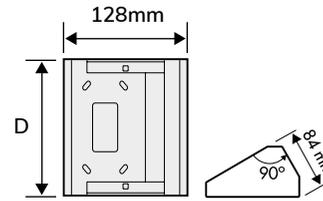
FRAMES



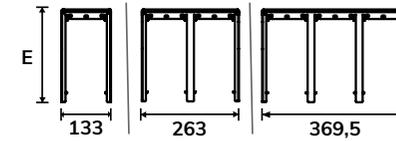
FLUSH-MOUNTED BOXES



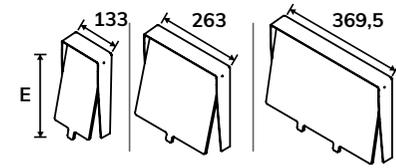
SURFACE BOXES



ANGULAR SURFACE BOXES



HOODS FOR FLUSH-MOUNTED BOX



* HOODS FOR FLUSH-MOUNTED BOX WITH FRONT PROTECTOR

| NUMBER OF WINDOWS | FRAMES | A (mm) | FLUSH-MOUNTED BOXES | B (mm) | SURFACE BOXES | C (mm) | ANGULAR SURFACE BOXES | D (mm) | HOODS FOR FLUSH-MOUNTED BOX (SIMPLE) | HOODS FOR FLUSH-MOUNTED BOX (DOUBLE) | HOODS FOR FLUSH-MOUNTED BOX (TRIPLE) | E (mm) |
|-------------------|---------|--------|---------------------|--------|---------------|--------|-----------------------|--------|--------------------------------------|--------------------------------------|--------------------------------------|--------|
| 2 | FRA-002 | 147 | CMO-002 | 131 | CSU-712 | 147 | CSU-311 | 140 | VIS-312 *VIP-312 | VIS-322 *VIP-322 | VIS-332 *VIP-332 | 151,1 |
| 3 | FRA-003 | 195 | CMO-004 | 179 | CSU-713 | 195 | CSU-312 | 188 | VIS-313 *VIP-313 | VIS-323 *VIP-323 | VIS-333 *VIP-333 | 199,1 |
| 4 | FRA-004 | 243 | CMO-006 | 227 | CSU-714 | 243 | CSU-313 | 236 | VIS-314 *VIP-314 | VIS-324 *VIP-324 | VIS-334 *VIP-334 | 247,1 |
| 5 | FRA-005 | 291 | CMO-008 | 275 | CSU-715 | 291 | CSU-314 | 284 | VIS-315 *VIP-315 | VIS-325 *VIP-325 | VIS-335 *VIP-335 | 295,1 |
| 6 | FRA-006 | 339 | CMO-010 | 323 | CSU-716 | 339 | CSU-315 | 332 | VIS-316 *VIP-316 | VIS-326 *VIP-326 | VIS-336 *VIP-336 | 343,1 |
| 7 | FRA-007 | 387 | CMO-012 | 371 | CSU-717 | 387 | CSU-316 | 380 | VIS-317 *VIP-317 | VIS-327 *VIP-327 | VIS-337 *VIP-337 | 391,1 |
| 8 | FRA-008 | 435 | CMO-014 | 419 | CSU-718 | 435 | CSU-317 | 428 | VIS-318 *VIP-318 | VIS-328 *VIP-328 | VIS-338 *VIP-338 | 439,1 |
| 9 | FRA-009 | 483 | CMO-016 | 467 | CSU-719 | 483 | CSU-318 | 476 | VIS-319 *VIP-319 | VIS-329 *VIP-329 | VIS-339 *VIP-339 | 487,1 |
| 10 | FRA-010 | 531 | CMO-018 | 515 | CSU-710 | 531 | CSU-319 | 524 | VIS-310 *VIP-310 | VIS-320 *VIP-320 | VIS-330 *VIP-330 | 535,1 |

NEW HOODS FOR ENTRANCE PANELS

*Slim design
for optimal
evacuation
of water*

We have redesigned our hoods for entrance panels to suit **all kinds of needs in the most adverse conditions.**

Models with VIP-3xx front protectors add **extra protection in rainy environments.**



ACCESS CONTROL THROUGH PROXIMITY READERS

ACCESS 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



iACCESS

configuration options in a simple and fast way. The control of all these possibilities, is possible thanks to our **accessible iACCESS WEB application at <https://alcad-iaccess.com/>**

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.).



FIRST STEPS

Generating your new keys and RFID cards is as easy as following the steps below:

- 1 Go to <https://alcad-iaccess.com/> and sign up for the service
- 2 Download and install the new drivers via the iACCESS Manager link
- 3 Download the manual by clicking on the “?” icon and create your first installation
- 4 Record keys and RFID cards by connecting the PLO-000 programmer to the computer
- 5 Don't forget your username and password – you will need them for future transactions



/ RFID readers

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

/ 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 |

CARD FORMAT

| CODE | MODEL | DESCRIPTION |
|---------|----------------|-------------|
| 9690040 | LAC-200 | 10 cards |

/ 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 |

/ Keypads for access control

| CODE | MODEL | DESCRIPTION |
|---------|------------------|-----------------|
| 9800006 | PNK-00000 | 201 Line keypad |
| 9800114 | PNK-50000 | iBLACK keypad |

/ Key programmer

| CODE | MODEL | DESCRIPTION |
|---------|----------------|-----------------------------------|
| 9690010 | PLO-000 | USB programmer for proximity keys |

/ Power supply units and 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 |
| 9620016 | ALC-030 | IN: 100-240V OUT: 15Vdc |
| 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 |

/ Flush electric locks

WITH ADJUSTABLE LATCH

| UNIVERSAL | | |
|-----------|----------------|------------------------------|
| CODE | MODEL | DESCRIPTION |
| 9730087 | ABR-021 | Simple 12-18V AC/DC. Compact |

| COMPACT SIZE | | |
|--------------|----------------|-------------------------------------|
| CODE | MODEL | DESCRIPTION |
| 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

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

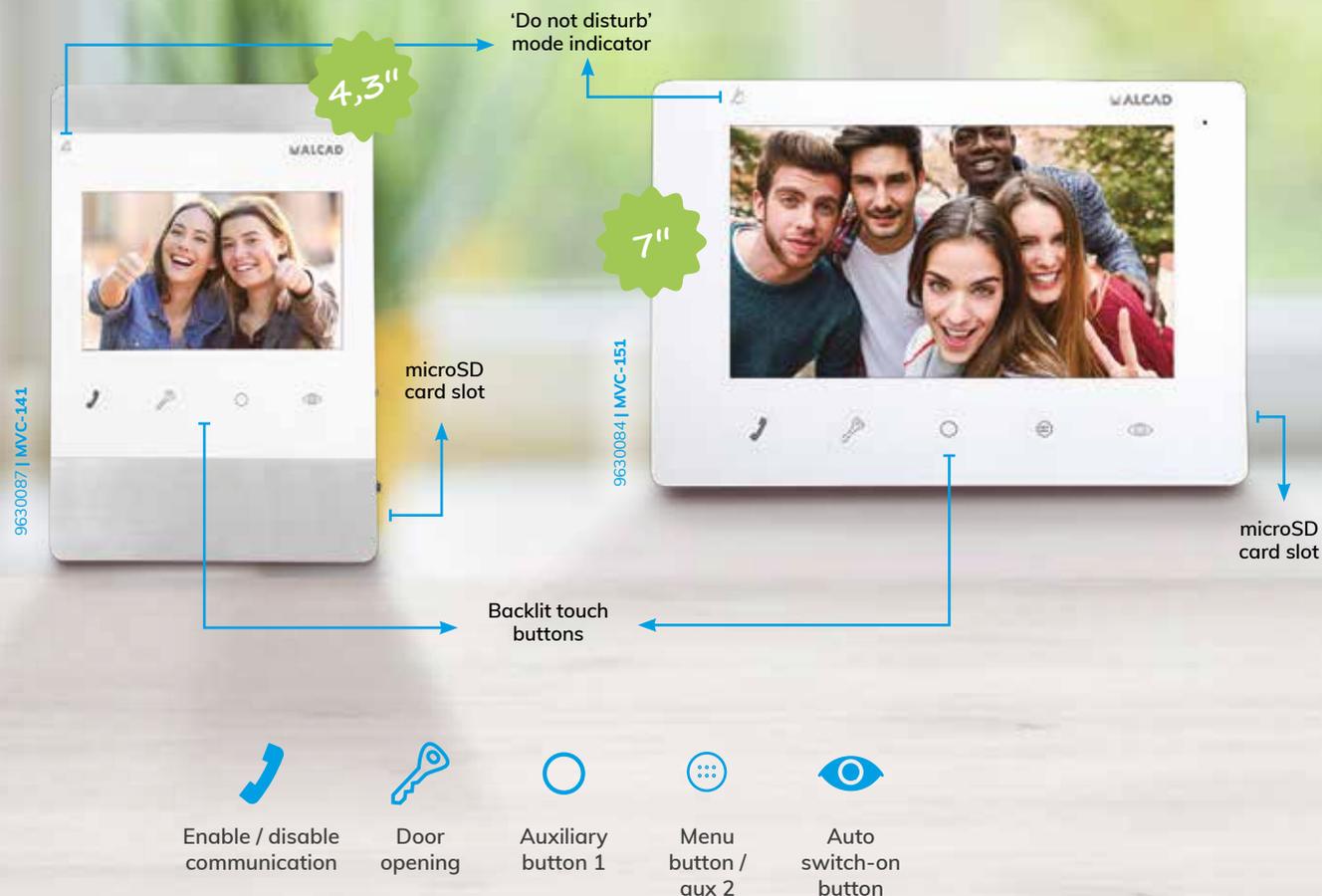
ENARA: NEUTRAL AND MINIMALISTIC DESIGN

Are you looking for a compact monitor? Do you prefer a widescreen? Or one with Wi-Fi? Enara monitors **adapt to all needs** and blend in perfectly with any decor.

In addition, their tactile buttons ensure **reliable and long-lasting operation**, as they have no electrical contacts or moving parts, preventing the accumulation of dirt that affects traditional buttons so much.

Features

- Improved **image quality**.
- **Unanswered call logging**.
- **4.3" and 7" screens** compatible with the Active View technology of our cameras.
- **Compatible** with all ranges of 2 Wires technology of ALCAD.
- **Languages:** English, French, Spanish, Catalan, Basque, Italian, Portuguese, Turkish and Czech.
- **1 or 2 push buttons** for auxiliary functions.
- And, of course, **all the advantages for the installer:** easy installation thanks to its plug-in terminals, surface mounting and integrated cascade diverter.



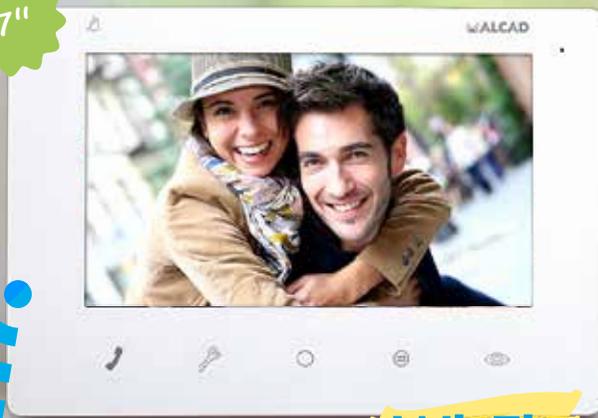


Android

iOS



Receive the call on your mobile phone thanks to the Enara Wi-Fi app



9630088 | MVC-152



With Wi-Fi module that allows you to go online and manage calls remotely from your mobile phone via a free APP for Android or iOS, as well as all the features of the Enara 7" monitor:

- Widescreen.
- 'Do not disturb' mode.
- Backlit capacitive buttons.
- microSD card slot.
- 2 auxiliary buttons.

More monitors and handsets:



| MONITOR / HANDSET + HOLDER | | SCREEN | NO. OF ADDITIONAL PUSH-BUTTONS | AUTOMATIC IMAGE CAPTURE | AUTOMATIC DOOR OPENING | LANDING CALL | MICRO SD CARD SLOT | FORWARDS CALLS TO MOBILE PHONE | PHOTO |
|----------------------------|---------|--------|--------------------------------|-------------------------|------------------------|--------------|--------------------|--------------------------------|-------|
| CODE | MODEL | | | | | | | | |
| 9630087 | MVC-141 | 4,3" | 1 | ✓ | ✓ | ✓ | ✓ | ✗ | |
| 9630084 | MVC-151 | 7" | 2 | ✓ | ✓ | ✓ | ✓ | ✗ | |
| 9630088 | MVC-152 | 7" | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 9630086 | MVC-018 | 3,5" | 2 | ✗ | ✓ | ✓ | ✗ | ✗ | 2 |
| 9630031 | SCM-051 | | | | | | | | |
| 9630085 | MVC-017 | 3,5" | 2 | ✗ | ✓ | ✓ | ✗ | ✗ | 1 |
| 9630031 | SCM-051 | | | | | | | | |
| 9600034 | TET-002 | | 1 | ✗ | ✗ | ✗ | ✗ | ✗ | 3 |
| 9600042 | TET-302 | | 1 | ✗ | ✗ | ✓ | ✗ | ✗ | 3 |



WDR function: delivers stunning image quality, even in extreme conditions



COLOURS

as you had never seen before

Our new **ACTIVE VIEW** camera for the 2-WIRE system delivers amazing quality, even in the most adverse conditions



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#signal_hunters

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