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**INNOVATIVE  
DOOR ENTRY  
SYSTEMS**





## THE ENDORSEMENT OF A HISTORY

Golmar's history has been characterized by a clear and decided spirit of excellence.

Golmar Sistemas de Comunicación S.A. was set up in 1954. The first door intercom was developed in 1958, followed some years later by the video door intercom, which is nowadays the most important product.

Exports has been a main activity of the company since 1968. Currently, it accounts for more than 65% of production and has extended to over 45 countries, particularly to the demanding European Community members.

In 1994, the company was the first in Spain to develop a digital video intercom system, being a clear example of innovative products. A key factor for success is the ability to develop new products and adapt them to each market's specific requirements.

During the last quarter of 1997, it moved to its current premises located in a modern, 6,500 m<sup>2</sup> building, minutes away from Barcelona Airport as well to downtown.

Golmar was the first Spanish company in the field to obtain the ISO 9000:2000 Certification, granted by the prestigious Swiss company SGS since 2001.

In 2004, it celebrated its 50th anniversary and created subsidiaries in some European countries.

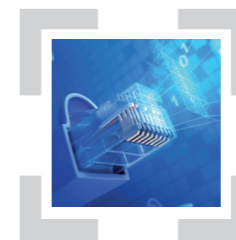
The company currently employs 130 people, where the Innovation Department approximately represents 10% of the total staff.

All in all, Golmar has embarked on an ambitious project, so as to become one of the main European manufacturers of the video door intercom field.





# know-how



## WE HAVE THE FORMULA

Golmar has always spearhead by offering innovative systems and products with high aesthetic standards, with the focus to communicate and to protect.

Taking advantage of being a pioneer in the development of digital communications systems, Golmar applies advanced technologies into their systems. Installers and end users enjoy the countless features that these systems offer.

The following technologies are available on Golmar's product range:

**"BEOVIEW"** Full IP digital system, allows connection of door entry panels and apartment units by using a new or an existing LAN infrastructure. The LAN can be shared with other IP devices. The monitors and panels are connected with a simple RJ-45 connector coming from a PoE switch. Intercom between apartments, memory image and message broadcast service are some of the multiple features of this new intercom generation. Never was the intercom so powerful and easy to install!

The upgraded **"V2PLUS"** digital video system use 2 non polarized wires only, being possible the connection of several thousands of apartments within a distance of up to 600 meters. Large configurations can be drafted when combining "V2Plus" with "Plus" system. A simplified audio version is also available with **"2PLUS"** system.

Our most selling digital BUS: **"PLUS"**, uses CAT5 or 3 wires + coaxial cable for video systems, or 4 wires for audio only systems. This system is able to manage up to 255,000 monitors or telephones distributed in a total of 255 buildings, being unlimited the number of accesses to each building. And, as always, without switching units.

**"VISTA PLUS"** video BUS allows the replacement of existing 4+n audio systems, without the need to change or add wires, being possible to connect 120 monitors or telephones and combinations of up to 6 accesses (door panels) without switching units. Other configurations can be drafted when combining "Vista Plus" system with "Plus" systems.

Traditional 4+n analogue audio systems.

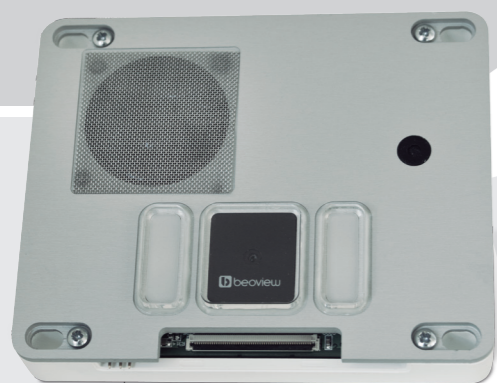
Don't take any risks, benefit from the best solution for your installations; nobody knows better than Golmar about digital systems.





## IP ROCK INOX PUSH BUTTONS - CODED PANELS

Front of 2.5mm. thick manufactured in stainless steel. Treatment to avoid fingerprint spots.  
5mm. thick polycarbonate card holding and camera windows.  
Double walled sound grill that prevents access to the sound circuit.  
From 1 to 10 stainless steel push buttons.  
Permanent illumination through blue leds.  
On panels with coded keypad:  
Stainless steel keypad with blue illumination.  
3.5" TFT LCD display.  
Security screws with special key.  
Metallic embedding box with theft protected stoppers.



## E100 PANEL ELECTRONICS

640 x 480 VGA camera with light emitters for night vision.  
Possibility to enable / disable camera light emitters.  
Panel label to be shown while in connection with the apartment.  
Audio level and microphone sensitivity regulation.  
Privacy on audio, video and door open progresses.  
Acoustic acknowledgement signal at the door panel confirming the call is in progress or the system is busy.  
Calls can be transferred to a selectable IP address in case that apartment unit called doesn't reply or during a period of time to be defined through the "manager software".  
Two potential free relay outputs, for lock or other devices connection.

Selectable relay activation time from 1 to 59 seconds.  
Management of lift control unit.

Up to 120 push buttons can be connected to the E100 module in matrix connection. In case of a higher number of apartments IP coded panel can be used.

Special characteristics of IP coded panel are:  
Two calling methods: direct entry of the apartment code or by searching the tenant name in the repertory.  
Hundred codes access control of up to six digits each.

beoview



## SIMPLY POWERFUL

Most of new constructions, and step by step existing ones, are to be equipped with broadband connections as standard. Households will benefit from the many applications that IP technology offers through the common infrastructure: TV, internet, ... and video intercom. No need to use a dedicated wiring: just plug the units to the existing LAN.

Feel the difference when using an IP video intercom not based on standard operating systems: all actions are instantaneous as not processing unnecessary tasks. A peer-to-peer solution that runs without any server, never becoming the system blocked.

Thanks to it's multichannel capability, no more the busy signal will makes the visitors wait. The number of units to be used in one system is almost unlimited (supports Class A, B and C Ethernet networks), being minimum the bandwidth required.

Distances will never be a problem again. The system can be used on WAN environment or over fiber optics infrastructure, allowing communication at distances ever imagined. Maintenance, changes and upgrades can be remotely made.

Take a look to the apartment units: the most compact sized and mechanically perfect.



## M201 DUAL HANDSET-HANDS FREE MONITOR

Casing manufactured in ABS RAL9016 white colour.  
3.5" TFT LCD with acrylic glass protection.  
Capacitive touch buttons with acoustic confirmation on press.  
Full duplex audio communication with echo cancelling processor.  
DDA compliance handset.  
Panels monitoring with call back function.  
Picture memory of missed calls, with time and date stamp.  
Intercommunication between all / selected apartment units.  
Connection to unlimited concierge units with panic call facility.  
Messenger service from any computer.  
Programmable input for door bell apartment push button or alarm connection.  
Output connection for a call repeater.  
Dimensions: 220(W) x 124(H) x 17(D) mm.







### A500 HANDS FREE AUDIO UNIT

Casing manufactured in ABS RAL9005 black colour.  
Anodized aluminium sides.  
Capacitive touch buttons with acoustic confirmation on press.  
Full duplex audio communication with echo cancelling processor.  
Connection to one concierge unit with panic call facility.  
Programmable input for door bell apartment push button or alarm connection.  
Output connection for a call repeater.  
Dimensions: 95(W) x 139(H) x 13(D) mm.



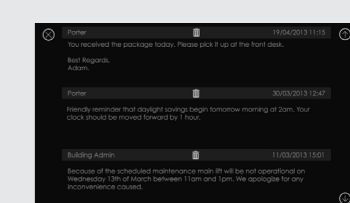
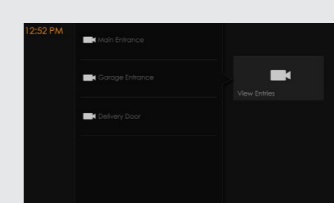
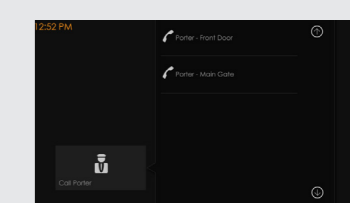
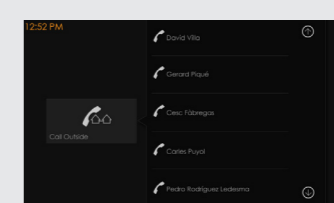
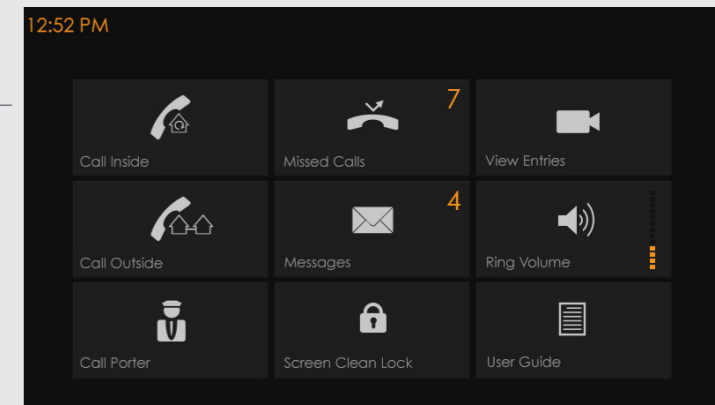
### M300 3,5" HANDS FREE MONITOR

Casing manufactured in ABS RAL9005 black colour.  
Anodized aluminium sides.  
Capacitive touch buttons with acoustic confirmation on press.  
Full duplex audio communication with echo cancelling processor.  
DDA compliance handset in option.  
Panels monitoring with call back function.  
Picture memory of missed calls, with time and date stamp.  
Connection to up to five concierge units with panic call facility.  
Messenger service from any computer.  
Programmable input for door bell apartment push button or alarm connection.  
Output connection for a call repeater.  
Dimensions: 161(W) x 101(H) x 13(D) mm.



### M700 7" HANDS FREE MONITOR

Casing manufactured in ABS RAL9005 black colour.  
Anodized aluminium sides.  
Capacitive touch screen with intuitive graphic interface.  
Full duplex audio communication with echo cancelling processor.  
DDA compliance handset in option, to be used when concierge version.  
Panels monitoring with call back function.  
Video / picture memory of missed calls, with time and date stamp.  
Possibility of voluntary recording during call reception or conversation.  
Files can be retrieved from admin console software when permission from the apartment.  
Intercommunication between all / selected apartment units.  
Connection to unlimited concierge units with panic call facility.  
Messenger service from any computer.  
Programmable input for door bell apartment push button or alarm connection.  
Output connection for a call repeater.  
Dimensions: 227 (W) x 139 (H) x 15 (D) mm.





NEXA

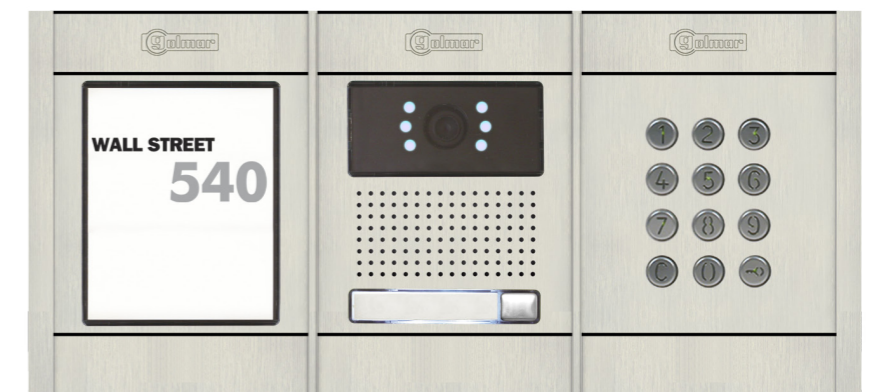
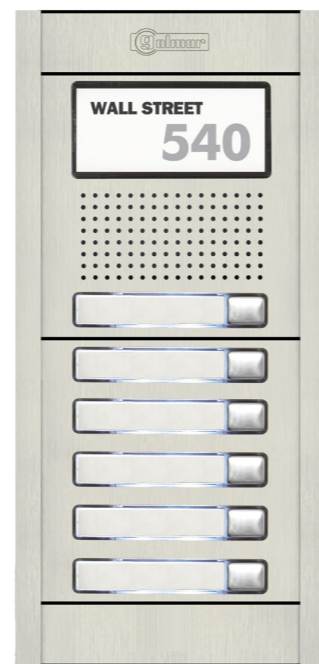
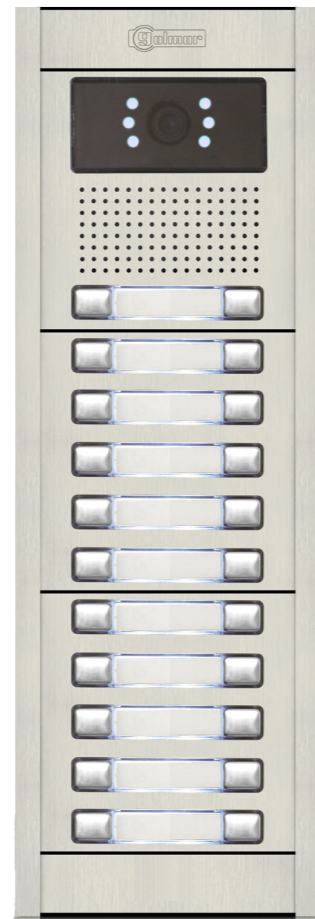
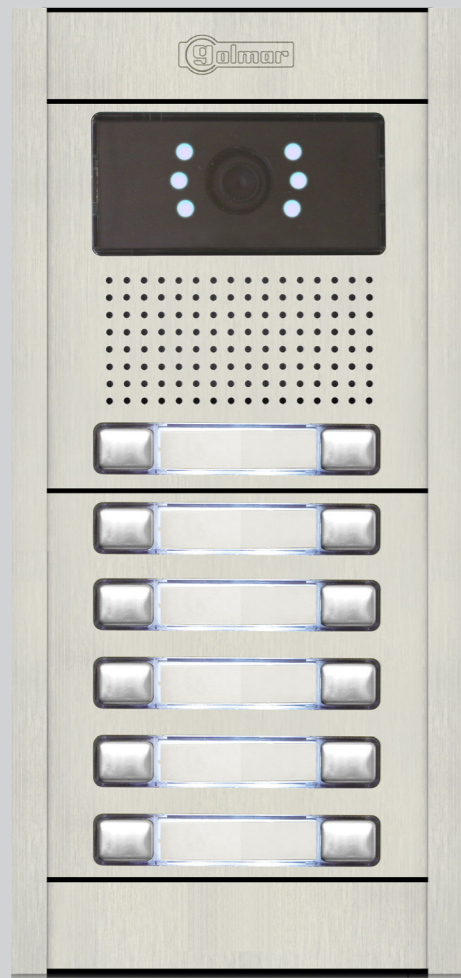
# ALUMINIUM CREATING NEW TRENDS

Nexa, is the new modular door panel from Golmar. Its lateral profiles not only makes the panel more robust, but give the sensation it's floating on the wall. Much more than a piece of metal.

Even if specially designed to replace the old Golmar panel series, it has become a helpful tooling on new systems.

Enjoy Nexa and do your job with ease. The internal modules, with detachable connectors, easy connections through flat cables and already wired push buttons on digital systems will save you effort, time and money.

Welcome to a new panel concept.



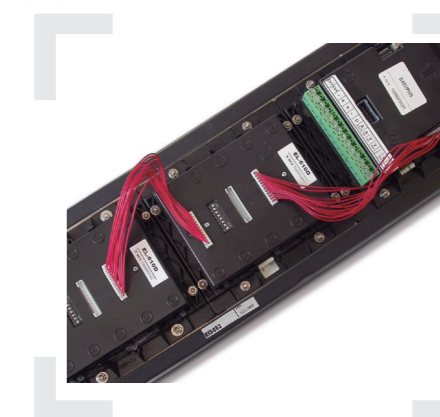
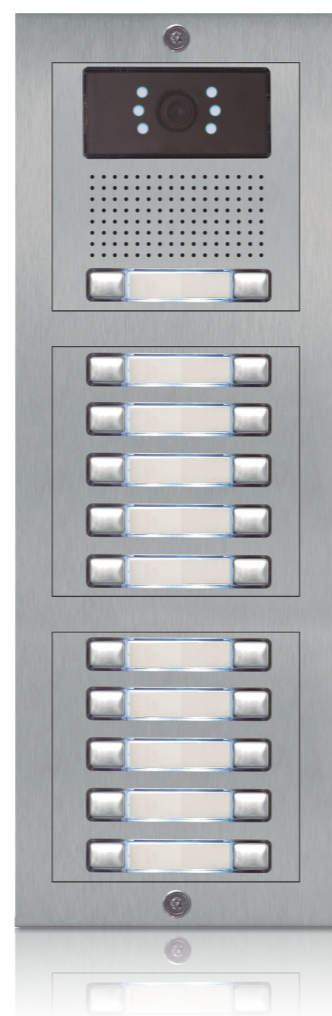
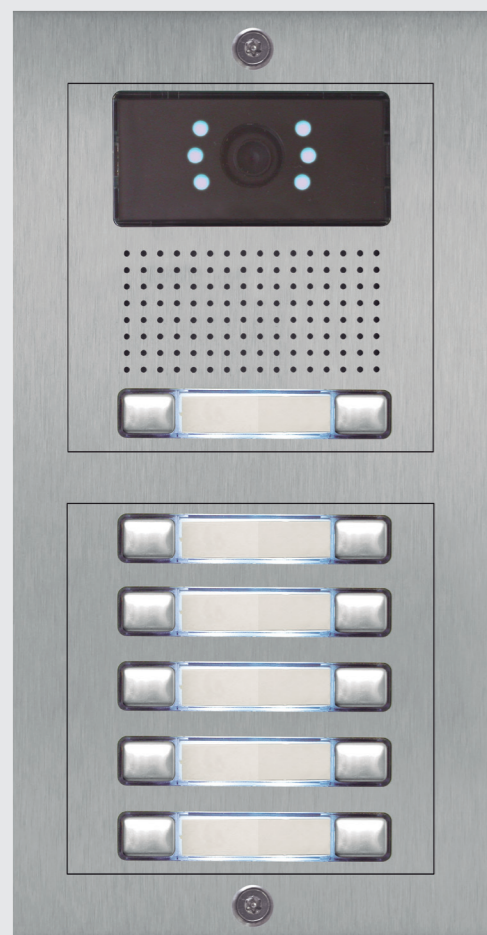
- Front of 1.8mm. thick anodized extruded aluminium.
- Wall frame where electronic modules are to be inserted.
- Informative window manufactured in polycarbonate.
- Adjustable pan and tilt camera on video modules.
- Interchangeable single or double push buttons with stainless steel cover.
- Permanent illumination at the door panel through white leds.
- Closing heads and lateral profiles.



NEXA

## INOX COMMON CORE

Nexa Inox has all the advantages provided by the use of Nexa Aluminium internal modules, but under a hardcore skin. The stainless steel used in both frame and modules makes it resistant against vandalism acts. For those looking to replace an existing Stadio panel, Nexa Inox is the most convenient option as far as it uses same embedding boxes.



- Front of 3mm. thick ANSI 316 stainless steel.
- Treatment to avoid fingerprint spots.
- Informative / camera window manufactured in polycarbonate.
- Adjustable pan and tilt color camera on video modules.
- Interchangeable single or double push buttons with stainless steel cover.
- Steady illumination at the door panel through white leds.
- Closing heads and lateral profiles.



# STADIO

## A WORLD OF POSSIBILITIES

The elegance of the aluminium, a lightly curved front and an emerging grille show our efforts to apply the ultimate concept lines to our designs.

The original assembly system, its material properties and an accurate manufacturing progress, ensures bond strength between the door panel modules and a high constructive quality.

The size of the door panel is no longer a problem: reach the maximum number of push buttons with the smallest door panel.



Front of 1.8mm. thick aluminium.  
Self-screwing system for modules attachment.

More than 30 module references.  
Door panel opening system at selectable direction.

Adjustable pan and tilt camera on video modules.

Interchangeable single or double push buttons with stainless steel cover.

Easily seen light button.

Closing heads.

On panels with coded keypad:

Illuminated stainless steel buttons.

Large 2 x 16 bias lighted LCD display.



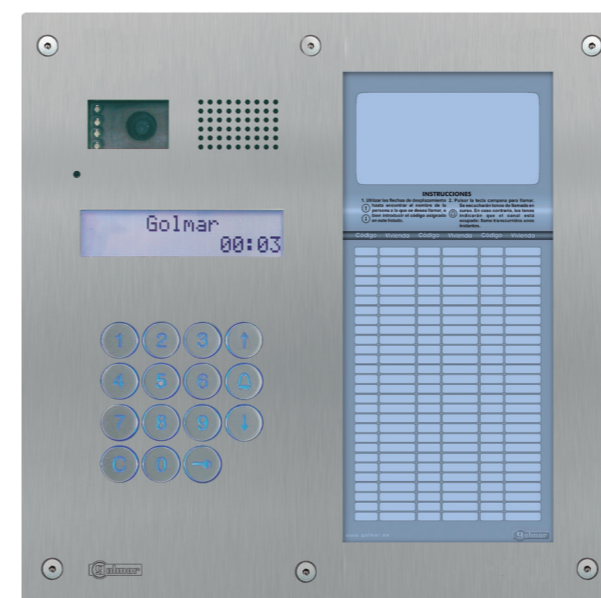
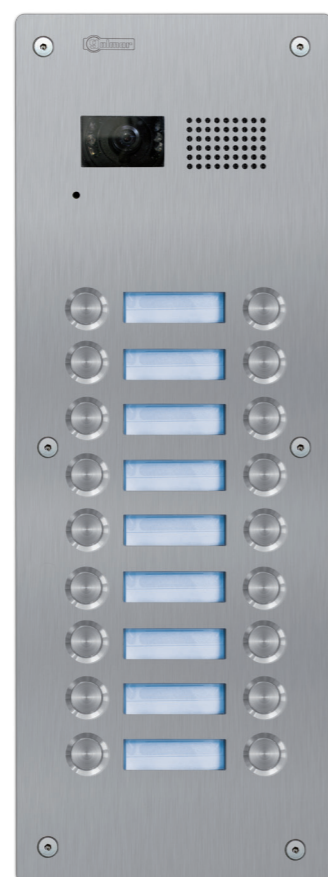


# ROCK

## INOX SUITABLE FOR ANY ENVIRONMENT

The thickness of the materials used, the exclusive treatment to avoid fingerprints spots, the permanent illumination in blue colour makes this panel the ideal option for the most distinguished homes and buildings.

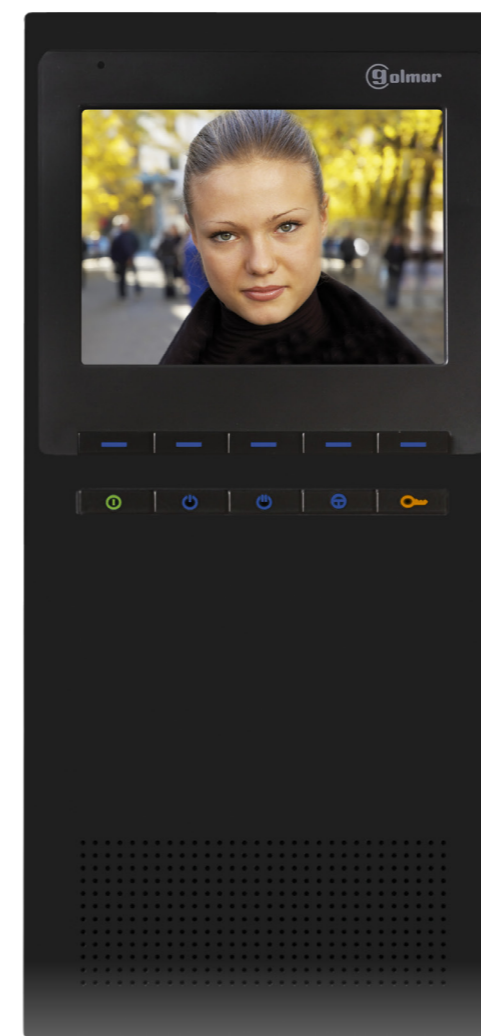
Additional features such as proximity or contact readers can be combined with any of the formats. Panels are also available with rainshield or surface mounting box.



- Front of 2.5mm. thick manufactured in ANSI 316 stainless steel.
- Treatment to avoid fingerprint spots.
- 5mm. thick polycarbonate card holding and camera windows.
- Adjustable pan and tilt camera on video modules.
- Double walled sound grill that prevents access to the sound circuit.
- From 1 to 20 stainless steel push buttons.
- Permanent illumination through blue leds.
- On panels with coded keypad:
  - Stainless steel keypad with blue illumination.
  - Large 2 x 16 bias lighted LCD display.
- Security screws with special key.
- Metallic embedding box with theft protected stoppers.



SZENA



## HANDS FREE MONITOR

### Customisable design, functional technology

Szena is the latest generation hands free monitor, where the attention to detail makes all the difference.

Dynamic, technologically advanced and simple, thanks to its "on screen menu" and clear communication never has it been so simple to use a video monitor.

Szena is an interesting exercise in personalization. The ability to install embedded or on the surface and its removable front covers allows a perfect integration with any interior design.

Szena is a unique monitor. Details such as backlit push buttons, metallic colours, reduced dimensions and a minimalist cutting-edge design, define the Szena monitor as the monitor of choice.



Casing manufactured in polished ABS black colour.

Removable front cover delivered in black and white colours from factory. Aluminium, dark gold and anthracite fronts can be separately ordered.

Blue backlit soft keypad.

3.5" TFT LCD of "A Grade" quality.

Programming and setting through OSD menu.

Surface installation of 35mm depth only, or embedded installation, with a visible depth of 11mm only.

Dimensions: 97(W) x 207(H) mm.



TEKNA

## CONCIERGE UNIT

- Casing manufactured in ABS RAL9003 white colour.
- 3,5" color TFT LCD of "A Grade" quality.
- Brightness and contrast (color) adjustments.
- Capacitive touch keypad with acoustic acknowledgement signal on push.
- Detachable telephone cord with connectors.
- Surface or desktop installation through mounting connector.
- Dimensions: 200(W) x 220(H) x 54(D) mm.
- Management of up to 255,000 apartments.
- Easy system programming through the keypad or USB port.
- Input for lobby camera connection.
- Text edition like a mobile phone keypad.
- Electronic lock that requires a PIN code to switch the porter's exchange on.
- Two calling methods: direct entry of the apartment code or by searching the tenant name in the repertory.
- Call retentions with time and calling apartment details.
- Door panel call capture, being possible to transfer it to the apartment.
- Connection to a secondary concierge unit with intercommunication function.



## HANDSET MONITOR

- Casing manufactured in ABS RAL9003 white colour.
- 4" b/w flat tube screen or 3,5" color TFT LCD of "A Grade" quality.
- Brightness and contrast (color) adjustments.
- Detachable telephone cord with connectors.
- Surface or desktop installation through mounting connector.
- Dimensions: 200(W) x 220(H) x 54(D) mm.



## AUDIO UNIT

- Casing manufactured in ABS RAL9003 white colour.
- Additional push button and on-off call volume regulator in option.
- Detachable telephone cord with connectors.
- Telephone base with several fixing points.
- Surface or desktop installation.
- Dimensions: 85(W) x 220(H) x 54(D) mm.

# APARTMENT UNITS A TOUCH OF DISTINCTION

Tekna monitor is the best new monitor of Golmar. The symmetry of its lines and the avant-garde design will set a path on the decoration of any atmosphere.





### ROCK KITS CAT5 OR 5 WIRES INSTALLATION

Vandal resistant (IK-09) and weatherproof (IP-44) door panel.  
Curved front of 2.5mm. thick injected aluminium in graphite colour.  
Double walled sound grille that prevents access to the sound circuit.  
Adjustable pan and tilt CCD b/w or color camera with light emitters for night vision.  
Stainless steel push buttons and security screws with special key.  
Dimensions: 144(W) x 144(H) x 45(D) mm.

4" b/w flat tube screen or 3.5" color TFT LCD handset monitor.  
Video spy and autoswitch-on functions.  
Input for door bell apartment push button that saves the use of a door bell.  
Up to 3 units in the same apartment without additional power supplies.

Also available on 4+n audio technology for 1 or 2 apartments.



### STADIO KITS CAT5 INSTALLATION

Extruded aluminium door panel.  
Adjustable pan and tilt CCD b/w or color camera with light emitters for night vision.

Dimensions: 134(W) x 148(H) x 56(D) mm.  
4" b/w flat tube screen or 3.5" color TFT LCD handset monitor.  
Also available with 3.5" color TFT LCD Szena hands free monitor.  
Video spy and autoswitch-on functions.  
Input for door bell apartment push button that saves the use of a door bell.  
Up to 3 units in the same apartment without additional power supplies.  
Also available on 4+n audio technology for 1 to 10 apartments

KITS

## A WORLD OF SOLUTIONS

Discover our wide offer of kits. A careful selection of products and systems to match any requirements for villas and small buildings.

Audio kits with 2 wires or 4+n wires.  
Video kits, b/w or colour, with 2 wires, 5 wires, CAT5, ...  
Access control kits with numeric keypad or proximity reader.

More than 50 different models presented with special full colour packaging.



### SURF KITS 2 WIRES INSTALLATION

Injected aluminium door panel front.  
Surface installation with integrated rainshield.  
CCD color camera with light emitters for night vision.

Dimensions: 98(W) x 180(H) x 18(D) mm.  
7" hands free monitor with OSD menu.  
Video spy and autoswitch-on functions.  
Intercom function with a second monitor.  
Selectable activation of two lock releases.  
Dimensions: 200(W) x 150(H) x 20(D) mm.