golmar

IT'S NOT JUST WHAT WE DO, IT'S THE WAY WE DO IT !

The intercom DNA

https://goo.gl/9P7RrU
2019 Edition

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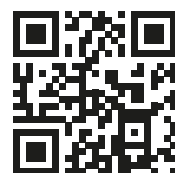
Axel Towers - Copenhaguen
Building compound with offices, apartments and retail shops. Located in the heart of Copenhaguen, just in front of Tivoli. An IP project with 7402/IP LCC door panels in gun metal PVD finish.

Maslak 1453 - Istanbul
One of the largest full IP intercom projects in the world. More than 4,000 apartments and about 200 coded panels network linked along 320,000 sqm area.

ISO 9001:2015 certified

Pontsteiger - Amsterdam
An unique apartment complex with a phenomenal view of Amsterdam and beyond, thanks to its awesome height. A total of 266 apartments for rental, 66 property apartments, spectacular penthouses, 1,500 m² of commercial space, parking spaces and 40 moorings for boats.

Woolloomooloo Finger Wharf - Sidney (NSW)
Historical largest wooden structure in the world, renovated into 300 private apartments with Szena "Plus" monitors.

GOLMAR,

THE ENDORSEMENT OF A HISTORY.

Golmar's history has been characterized by a clear and dedicated search of the 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 today has become the most important product.

Export has been a main activity of the company since 1968. Currently, it accounts for more than 65% of production and has extended to over 55 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 m² building, minutes away from Barcelona Airport as well as from downtown.

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

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

The company currently employs more than one hundred 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.

MEDITERRANEAN STYLE.

Nexa is the flagship modular panel from Golmar. Its lateral profiles not only makes the panel more robust, but gives the sensation it is floating on the wall.
Much more than just a piece of metal.

The 1.8mm thick aluminium of the modules, and 4mm thick of the lateral profiles, ensure bond strength between the door panel modules. The anodized treatment makes it easy to clean.

Nexa frames are available in four different heights, for one, two, three and four modules. Frames can be horizontally linked to create the largest possible configuration of panels.

The interchangeable single to double button, and the keypad buttons are backlit and stainless steel covered.

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

Thanks to a wide variety of modules and accessories, you will be able to create the door panel that best matches your project.

NEXA
Aluminium

The video modules include a pan and tilt colour camera with white leds for night vision.

To assist hearing impaired visitors, the coloured icons light depending on the system status: call is in progress, you can speak now, lock is activated or system is busy.

Induction loop amplifier (ILA) module is also available, being possible the activation of hearing aid devices when set to the T position.

On "GB2" and "GTwin" systems, voice messages are reproduced during the different system status, helping blind visitors in several languages.

DDA compliant

128(W) x 153(H) mm
5.04"(W) x 6.02"(H)

128(W) x 256(H) mm
5.04"(W) x 10.08"(H)

128(W) x 358(H) mm
5.04"(W) x 14.09"(H)

128(W) x 460(H) mm
5.04"(W) x 18.11"(H)

Coded panels can be tailored depending on the needs: numeric keypad module or display module only or a combination of the above. When combined, it is also possible to add an alphabetic keypad (letters A to L).

The multilingual display module (OLED technology) shows information about the apartments (calling code, tenant name, ...), checks the status of the apartment units and helps during system programming through the keypad. The built-in USB™ port allows system programming by using a computer. A wireless module can also be connected to manage the system through handheld devices like smartphones.

Access control modules available through numeric keypad, near field communication (NFC) or fingerprint readers.

The video modules include a pan and tilt colour camera with white leds for night vision.

To assist hearing impaired visitors, the coloured icons light depending on the system status: call is in progress, you can speak now, lock is activated or system is busy.

Induction loop amplifier (ILA) module is also available, being possible the activation of hearing aid devices when set to the T position.

On "GB2" and "GTwin" systems, voice messages are reproduced during the different system status, helping blind visitors in several languages.

DDA compliant.

Nexa Inox has all the advantages provided by the use of Nexa Aluminium internal modules, but under a hardcore skin.

The 2.5mm thick ANSI 304 stainless steel, used in both frame and modules, makes it resistant against acts of vandalism. The exclusive treatment to avoid corrosion and the permanent cold white illumination makes this panel the ideal option for the most distinguished homes and buildings.

As an option, panels can have PVD treatment, offering a lasting finish in brass, bronze or gun metal colours. RAL® colour painting is also available.

RAL® colour option

Brass PVD finish option

NEXA

Inox

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Access control modules available through numeric keypad, near field communication (NFC) or fingerprint readers.

Nexa Inox frames are available in four different heights, for one, two, three and four modules.

The interchangeable single to double button, and the keypad buttons are backlit and stainless steel covered.

Thanks to a wide variety of modules and accessories, you will be able to create the door panel that best matches your project.

| 155(W) x 506(H) mm | 134(W) x 384(H) mm | 134(W) x 267(H) mm | 134(W) x 150(H) mm |
| 6.10"(W) x 19.92"(H) | 5.28"(W) x 15.11"(H) | 5.28"(W) x 10.51"(H) | 5.28"(W) x 5.91"(H) |

golmar

Most of new buildings constructed are to be equipped with broadband connections, and existing ones are being upgraded to the same specifications. Homes will benefit from the many applications that IP technology offers through the common infrastructure: TV, internet, … and video intercom. No need to use 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 the system is not processing unnecessary tasks. A peer-to-peer solution that runs without any server, therefore the system never becomes blocked.

Thanks to its multichannel capability, the visitor will never hear the busy signal again. The number of units that can be used in one system is almost unlimited (supports Class A, B and C Ethernet networks), made possible by the minimal 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 never imagined. Maintenance, changes and upgrades can be remotely made.

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

SIMPLY POWERFUL

ROCK INOX

Beoview PCM

7402/IP LCC is a dedicated IP coded door panel, that allows calling to a large number of apartments with reduced dimensions. Some of its characteristics are:

- Front of 2.5mm. thick, manufactured in ANSI 304 stainless steel.
- Stainless steel keypad with blue illumination.
- 5mm. thick polycarbonate camera window and TFT protector.
- 3.5" colour TFT LCD screen and reserved space for the installation of a proximity reader.

Dimensions: 155(W) x 370(H) mm.
               6.10"(W) x 14.57"(H).

The Beoview PCM (Private Call Module) unit is an indoor door panel, specially designed to be placed at the entrance of each apartment. Some of the most remarkable characteristics of this panel are:

- Front of 4mm. thick anodized aluminium.
- Available in light gray or black finish.
- Capacitive touch call button with light confirmation on push.
- Camera and call button tempered glass protected.

Dimensions: 102(W) x 140(H) mm.
               4.02"(W) x 5.51"(H).
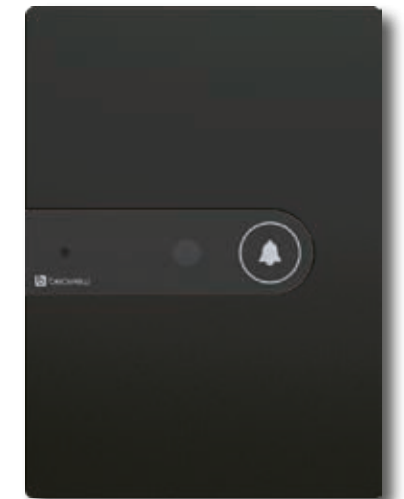
Other features of the IP based Beoview door panels are:

- PoE powered units with RJ45 connector (IEEE 802.3af, 48Vdc, 5W).
- Supports Class A, Class B and Class C Ethernet networks.
- 640 x 480 VGA camera with 120º wide angle lens.
- Real time audio and video transmission.
- Video streaming at 25 fps, with adjustable bandwidth from 1Mb to 7Mb.
- HD echo cancelling processor.
- Multichannel conversation.
- Panel label, to be shown on the monitors.
- One call button or dial number can contain several IP addresses (apartment units) and one IP address can be reached through several dial numbers or buttons.
- Calls can be transferred to a selectable IP address in the case that apartment unit called doesn't reply or during a period of time.
- One potential free relay output (two in case of coded panel) for the connection of lock releases, with selectable lock activation time from 1 to 59 seconds.

Tekna is the handset type apartment unit of Golmar. The symmetry of its lines and the avant-garde design set a path on the decoration of any atmosphere.

The Tekna S monitor is available for "Plus" and "GTwin" systems only.
Among the new features, the most remarkable are the introduction of an alternative programming through DIP switches, that makes the programming easy and quick than before. Other characteristics are:

4.3" colour TFT LCD screen.
Capacitive touch buttons with acoustic confirmation on press.
Three positions call volume regulator.
RJ45 connector on "Plus" model.
Privacy on audio, video and door open progresses.
Video spy and autoswitch-on functions.
Input for door bell apartment push button that saves the use of a door bell.
Selectable call reception tones.
Activation of auxiliary devices.
Intercom function between units.

DDA compliant

Dimensions: 180(W) x 197(H) x 27(D) mm.
               7.09"(W) x 7.76"(H) x 1.06"(D).

TEKNA

Handset units

The main mechanical characteristics are:

Casing manufactured in ABS RAL9003 colour.
Polished finish and metallic bracket on monitor units.
Detachable telephone cord with connectors.
Surface or desktop installation.

On monitor units, led dots help blind users to identify the position of lock button

The audio only unit is available in all Golmar technologies, and its main characteristics are:

Lock release push button.
As options:
Additional push button.
Call volume regulator with mute function.

The digital models offer privacy on audio communications and the lock release button is also used to call the concierge. An input for a door bell apartment push button is available, that saves the use of a door bell.

Dimensions: 86(W) x 220(H) x 56(D) mm.
               3.39"(W) x 8.66"(H) x 2.20"(D).

Tekna HF is the newest hands free monitor from Golmar, available for "Plus" and "GTwin" systems.

Led dots help blind users to identify the position of the main buttons: talk and lock activation. Induction loop amplifier (ILA) module is always on board, being possible the activation of hearing aid devices when set to the T position.

The main mechanical characteristics are:

Polished casing manufactured in ABS RAL9003 colour.
Metallic bracket.
Surface or desktop installation.

Dimensions: 122(W) x 197(H) x 27(D) mm.
              4.80"(W) x 7.76"(H) x 1.06"(D).
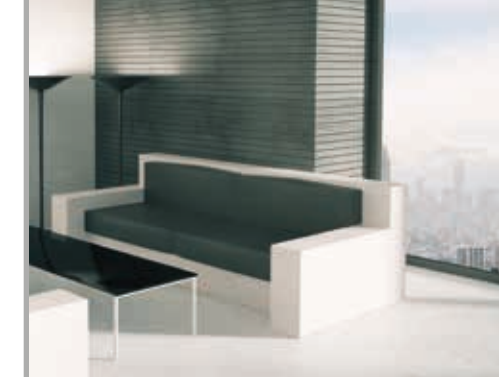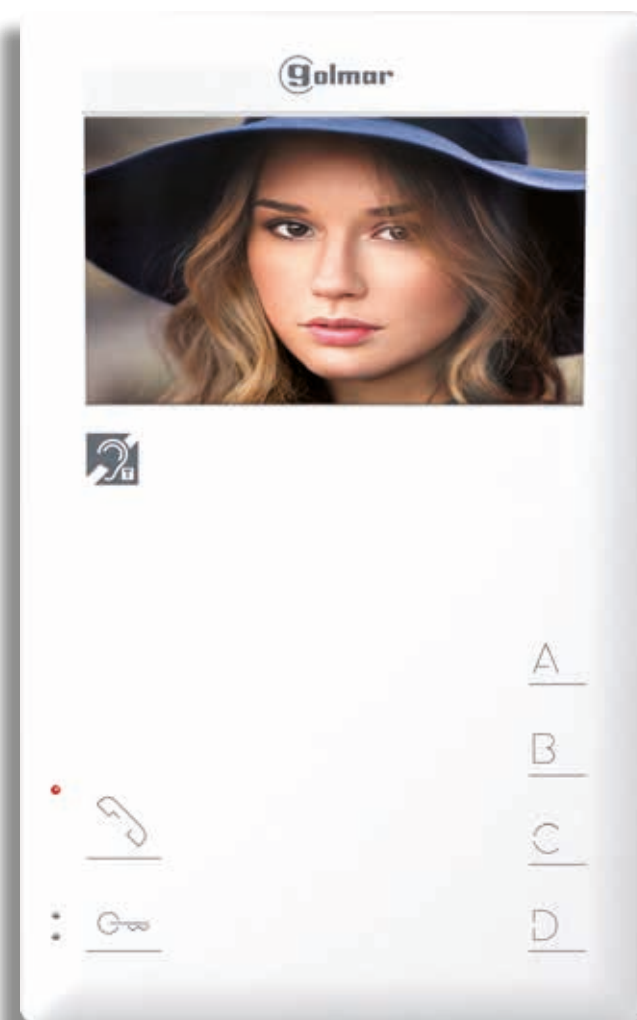
Nhea is the new hands free audio unit. The slim design and the acrylic glass with cold white finish, matches any interior design.

TEKNA HF and NHEA

Hands free units

Other Tekna HF characteristics are:

4.3" colour TFT LCD screen.
DIP switches for easy programming.
Capacitive touch buttons with acoustic confirmation on press.
Three positions call volume regulator.
Full duplex audio communication.
Privacy on audio, video and door open progresses.
Video spy and autoswitch-on functions.
Input for door bell apartment push button that saves the use of a door bell.
Selectable call reception tones.
Activation of auxiliary devices.
Intercom function between units.

DDA compliant

The main characteristics of Nhea audio unit are:

DIP switches for easy programming (except IP model).
Capacitive touch buttons with acoustic confirmation on press.
Full duplex audio communication.
Privacy on audio and door open progresses.
Do not disturb function with light indication.
Input for door bell apartment push button.
Different call reception tones depending on where the call is coming from.
Activation of auxiliary devices.
Intercom function between apartment units in the same apartment.

Dimensions: 90(W) x 138(H) x 19(D) mm.
              3.54"(W) x 5.43"(H) x 0.75"(D).

DESIGN RECOGNITION.

There is no better prize for a product than to be selected by the customer.

Thanks to the premium materials, aluminium and glass, and the incredible slim design, Beoview 7 monitor and Beoview PCM private call module have been selected, by one of the world's most important fashion designers, as part of the interiors of the luxury residences at The World Towers project in Mumbai.

Beoview 7 Lite is the new cost-effective solution for IP systems. While keeping the same features and family flavor than Beoview 7, casing is manufactured in ABS RAL9003 white colour.

Dimensions: 203(W) x 134(H) x 13(D) mm.
8.00"(W) x 5.28"(H) x 0.51"(D).
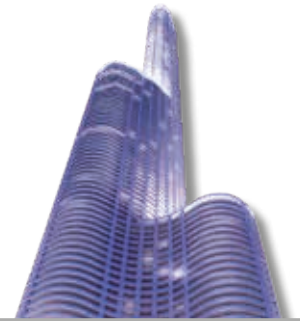
BEOVIEW 7 and 7Lite

Hands free units

The main characteristics of Beoview series monitors are:

- 7" TFT LCD with capacitive touch screen.
- Surface installation of 13mm. depth only.
- Serverless system: doesn't require a computer connected to the network.
- PoE powered units with RJ45 connector (IEEE 802.3af, 48Vdc, 6W).
- Supports Class A, Class B and Class C Ethernet networks.
- Easily upgradeable firmware, being possible to add new features over already installed systems.
- Real time video streaming and full duplex audio communication with HD echo cancelling processor.
- Call volume regulation.
- Do not disturb function and microphone mute with light indication.
- Video spy and autoswitch-on functions of all panels being able to call the monitor. Up to 8 monitors can simultaneously track the same panel.
- Intercom function between apartment units on the system.
- On screen labeling, showing information of the calling panel or apartment.
- Picture memory of missed calls, with time and date stamp. Missed intercom calls are also stored.
- Messenger service with four priority levels. Any existing computer on the network, or remotely through VPN connection, can send text messages to all / selected monitors.
- Programmable input for door bell apartment push button or alarm connection.
- Different call reception tones depending on where the call is coming from.
- Connection to unlimited porter's exchanges with panic call facility.

When using our dedicated gateway, calls can be answered from smartphones or other handheld devices.

At home, devices are connected through the local WiFi™ network, while when away, device will use the best existing data network (4G, 3G, ...).

App is available for Android® and iOS ™ devices.

Beoview 7 combines a high resistance front glass with light gray or black anodized aluminium sides. Rear casing is manufactured in ABS RAL9005 black colour.

Dimensions: 220(W) x 134(H) x 13(D) mm.
8.66"(W) x 5.28"(H) x 0.51"(D).

T-Switch

EXCLUSIVE FEATURE.

The use of T-Switch device on the monitor electrical backbox allows daisy-chain connection of the apartment units. Beoview is the sole IP system offering such innovative feature so far.

Vesta and Pentha hands free colour monitors are powered with our exclusive two wire technology, "GB2", that has been specially designed for medium size projects that require amazing features.

All units have dip-switch for easy programming and multilingual graphic interface.

Thanks to their improved viewing angle screen, monitors can be installed as low as required by the users (disabled people with wheel chair, kids, ...), maintaining the perfect picture qualtiy.

VESTA and PENTHA

Hands free units

In option:

DDA compliant
Building shared memory module

Other characteristics of Vesta monitors are:

4.3" (Vesta 2 SE) or 7" (Vesta 7) TFT LCD screens.
Acrylic glass with cold white finish.
Capacitive touch buttons with acoustic confirmation on press.
Full duplex audio communication.
Privacy on audio, video and door open progresses.
Possibility to automatically activate the lock when a call is received.
Control of auxiliary devices, i.e. a second lock, staircase lights ...
Video spy and autoswitch-on functions of up to four door panels.
Do not disturb function with light indication.
Input for door bell apartment push button.
Different call reception tones.
Intercom function between apartment units on the system.
Patrol function of up to four external cameras.

Dimensions: 138(W) x 138(H) x 19(D) mm.
5.43"(W) x 5.43"(H) x 0.75"(D).

Other characteristics of Pentha monitor are:

7" TFT LCD capacitive touch screen.
Tempered glass in white finish.
Selectable aspect ratio of the picture: 4:3 or 16:9.
Possibility to automatically activate the lock when a call is received.
Internal memory for picture recording (up to 118 images).
Micro SD slot for up to 32Gb external card, allowing audio and video recording instead of static picture.
Control of auxiliary devices, i.e. a second lock, staircase lights, ...
Video spy and autoswitch-on functions of up to four door panels.
Do not disturb function with light indication.
Text messenger service between apartments.
Input for door bell apartment push button.
Customizable call reception tones.
Intercom function between apartment units on the system.
Patrol function of up to four external cameras and quad viewing.

In option:

DDA compliant

Dimensions: 235(W) x 140(H) x 23(D) mm.
9.25"(W) x 5.51"(H) x 0.91"(D).

With ROCK vandal resistant door panel.

Our most famous door panel for villas, with IK-09 vandal resistant and IP-44 weatherproof indexes. Its curved front is made of 2.5mm. thick injected aluminium in graphite colour.

Audio kits are available for one and two families, with 4+N wiring and Tekna telephone. Video kit is available for one family, with "Plus" CAT5 wiring and Tekna handset monitor.

Door panel dimensions: 144(W) x 144(H) mm.
5.67"(W) x 5.67"(H).

A wide range of accessories like rain shields, surface and angular boxes, replacement frames, ... are available for most of the kits.

KITS

A world of solutions

With NEXA door panel series.

This range of video kits is available for one and two families, with "GB2" two wire technology.

The most economical solution includes Nexa Aluminium door panel and Vesta 2 monitor, while the most exclusive includes Nexa Inox door panel and Pentha monitor.

With SURF audio door panel.

This surface mounting panel of reduced dimensions is manufactured in injected aluminium, and it is supplied with a rain shield. Push button can be configured for one or two families.

Door panel dimensions: 98(W) x 180(H) x 18(D) mm.
3.86"(W) x 7.09"(H) x 0.71"(D).

This kit with two wire dedicated technology allows up to two telephones in each apartment with intercom function.

golmar

KITS

With SOUL door panel series.

SOUL is the newest surface mounting panel from Golmar, with IK-07 vandal resistant and IP-44 weatherproof indexes.

The main characteristics of Soul door panels are:

Front of 2mm. thick injected aluminium in graphite finish.
Wide angle CCD colour camera (120º).
Icons as for to acknowledge the system status (call in
   progress, in communication, lock is activated or the
   system is busy).
CNC aluminium push buttons.
Removable terminal connector for easy wiring.
Two outputs with selectable activation time and
   remote activation.
CCTV additional camera input.
RFID reader.

Door panel dimensions: 90(W) x 170(H) x 27(D) mm.
                       3.54"(W) x 6.69"(H) x 1.06"(D).

This door panel is available for one, two and four families, with "G2+" two wire technology.

Soul / 2

Soul / 4

SOUL KITS

Music for your eyes

ART is the ultimate Golmar monitor series. A complete hands free range available in combination with Soul door panel. All units offer picture and video recording as standard feature.

Some characteristics of Art 4/G2+ and Art 7/G2+ are:

4.3" or 7" TFT LCD screens with acrylic glass.
Capacitive touch buttons with acoustic confirmation on press.
Patrol function of door panels and CCTV cameras.
Light indications for do not disturb function, lock activation, ...
Input for door bell apartment push button.
Selectable intercom function and call reception tones.

Art 4 dimensions: 110(W) x 154(H) x 15(D) mm.
                     4.33"(W) x 6.06"(H) x 0.59"(D).
Art 7 dimensions: 220(W) x 154(H) x 15(D) mm.
                     8.66"(W) x 6.06"(H) x 0.59"(D).
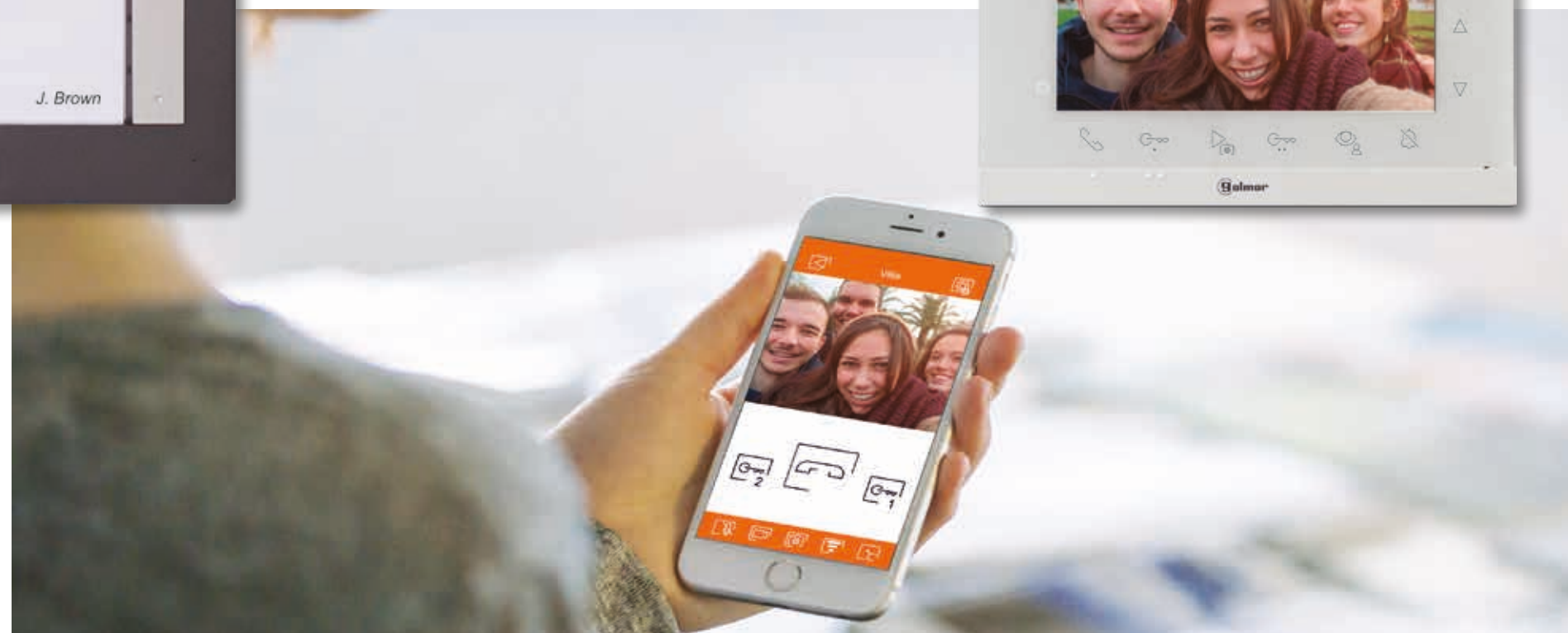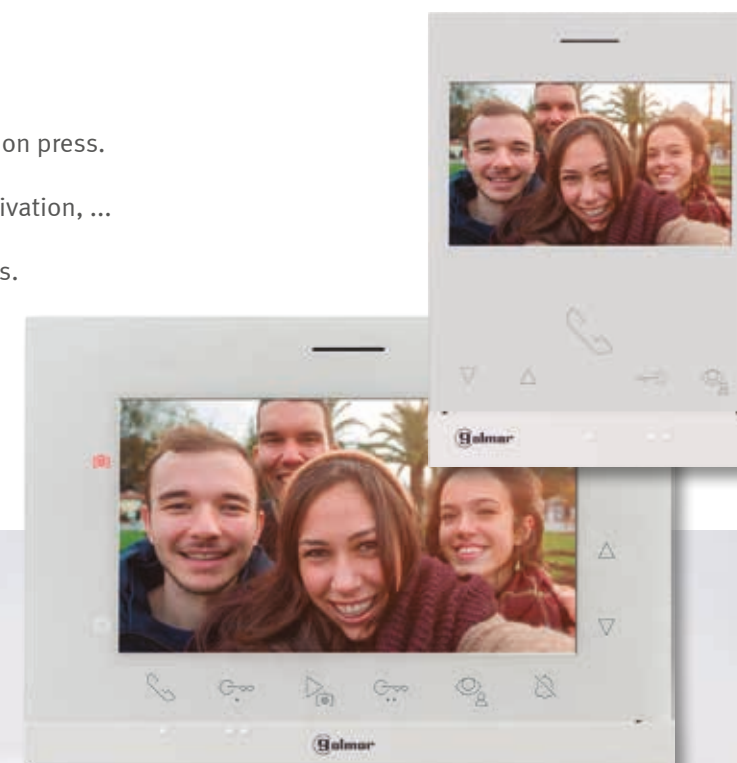
Art 7W

WiFi monitor

Be always connected with Art 7W WiFi monitor. Calls made at the Soul door station can be transferred to one or several smartphones. Thanks to G2Call, the free App for Android® and iOS ™ devices, it's possible to control multiple sites, its CCTV cameras, allow the entrance of the visitors, ... No calls will be missed again.
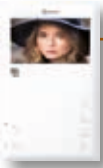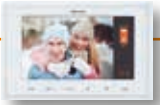
The monitor interface as well the App are available in 17 languages.

While keeping the same dimensions and main features than Art 7 monitor, WiFi version is built in a capacitive touch screen.

G2Call

APARTMENT UNITS

	Nhea	Teléfono Tekna	Beoview 7	Beoview 7 Lite	Pentha	Tekna HF	Tekna S	Vesta 2 SE	Vesta 7
Material	ABS, acrylic glass	ABS	Aluminium, glass	ABS	ABS, glass	ABS	ABS	ABS, acrylic glass	ABS, acrylic glass
Screen size	-	-	7"	7"	7"	4,3"	4,3"	4,3"	7"
Touch screen	-	-	Yes	Yes	Yes	No	No	No	No
Button type	Capacitive touch	Mechanical	N/A	N/A	N/A	Capacitive touch	Capacitive touch	Capacitive touch	Capacitive touch
Picture memory	-	-	Yes	Yes	Yes	No	No	Optional	Optional
Dimensions WxHxD (mm)	90x138x19	86x220x56	220x134x13	203x134x13	235x140x23	122x197x27	200x220x54	138x138x19	210x138x19
(inches)	3,54x5,43x0,75	3,39x8,66x2,20	8,66x5,28x0,51	8,00x5,28x0,51	9,25x5,51x0,91	4,80x7,76x1,06	7,87x8,66x2,13	5,43x5,43x0,75	8,27x5,43x0,75
Technologies									

TECHNOLOGIES

	4+N	2PLUS	GB2	PLUS	GtWIN	iPLUS
Number of wires	4 + N	2	2	CAT5	2	CAT5
Max. distance (meters)	300	100	160	1.000	1.000	Unlimited
Video	No	No	Yes	Yes	Yes	Yes
Coded call door panel	No	Yes	Yes	Yes	Yes	Yes
Concierge unit	No	Yes	No	Yes	Yes	Yes
Max. number of units	Unlimited	120	256	255,000	4,000	Unlimited
Parallel units	2	1	3	2	3	7
Intercom function	No	No	Yes	Yes	Yes	Yes
Call forwarding	No	No	No	No	Yes	Yes