golmar

The ART of intercom

Axel Towers
Copenhaguen

Maslak 1453
Istanbul

ISO 9001:2015
certified

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.

Pontsteiger
Amsterdam

Colombo City Center
Sri Lanka

1954 - 2019

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.

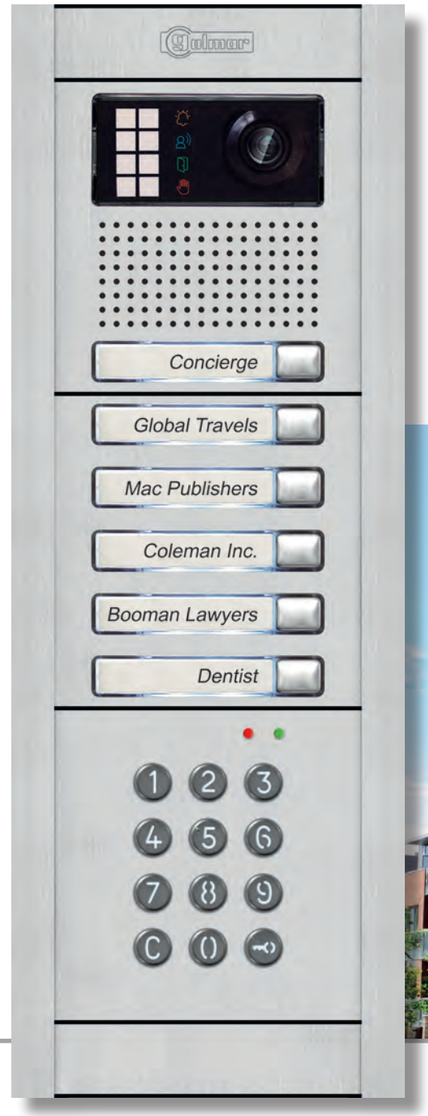
The 1.8mm thick aluminium of the modules, and 4mm thick of the lateral profiles, ensure bond strength between the door panel modules. The anodized treatment makes it easy to clean.

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.



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 “G2+” and “G+” systems, voice messages are reproduced during the different system status, helping blind visitors in several languages.

DDA compliant

NEXA

Aluminium

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.

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

The 2.5mm thick AISI 316 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 or black colours. RAL® colour painting is also available.

RAL® colour option

Brass PVD finish option

NEXA

Inox

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
6.10”(W) x 19.92”(H)

134(W) x 384(H) mm
5.28”(W) x 15.11”(H)

134(W) x 267(H) mm
5.28”(W) x 10.51”(H)

134(W) x 150(H) mm
5.28”(W) x 5.91”(H)

Sixty 5 is a dedicated coded door panel with “G+” IP technology, that allows calling to a large number of apartments with reduced dimensions.

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 a peer-to-peer solution that runs without any server and automatically assigns IP addresses. No any network skills are required.

Thanks to its multichannel capability, the visitor will never hear the busy signal again, and the number of units that can be used in one system is almost unlimited.

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.

SIMPLY POWERFUL

SIXTY 5

Soul

The main mechanical characteristics are:

IK-07 vandal resistant and IP-65 weatherproof indexes.
Front of 3.5mm. thick aluminium in gray or black finish.
Aluminium keypad with white illumination.
4.3 colour TFT LCD screen.
Fixation method through hidden screws.

Dimensions: 146(W) x 317(H) mm.
5.75”(W) x 12.48”(H).

Embedding depth: 50mm (1.97”).

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

The main characteristics are:

Front of 2mm. thick injected aluminium in graphite finish.
Wide angle CCD colour camera (120º).
System status icons (call in progress, in communication, lock is activated or the system is busy).
Aluminium push buttons for 1, 2 or 4 families.
Two relay outputs with selectable activation time and inputs for remote activation.
CCTV additional camera input.
RFID reader.

Dimensions: 90(W) x 170(H) x 27(D) mm.
3.54”(W) x 6.69”(H) x 1.06”(D).

Other features of the IP based Sixty 5 door panels are:

18Vdc PoE powered units with RJ45 connector (10W).
12Vdc input for alternative power source.
On site unit programming or through web browser.
SIP 2.0 and ONVIF protocols compatibility.
2Mp HD camera with 130º wide angle lens and video streaming at 25 fps.
HD echo and noise cancelling processor.
Light and presence detectors.
Numeric keypad with navigation keys and direct button for concierge call.
Access control through keypad with one code for each apartment unit.
125KHz RFID reader (Mifare in option) for up to 10,000 users.
Two potential free relay outputs for the connection of lock releases, with selectable lock activation time.
Input for exit button with adjustable activation delay time.
Tamper alarm.

The symmetry of Tekna lines and the avant-garde design set a path on the decoration of any atmosphere.

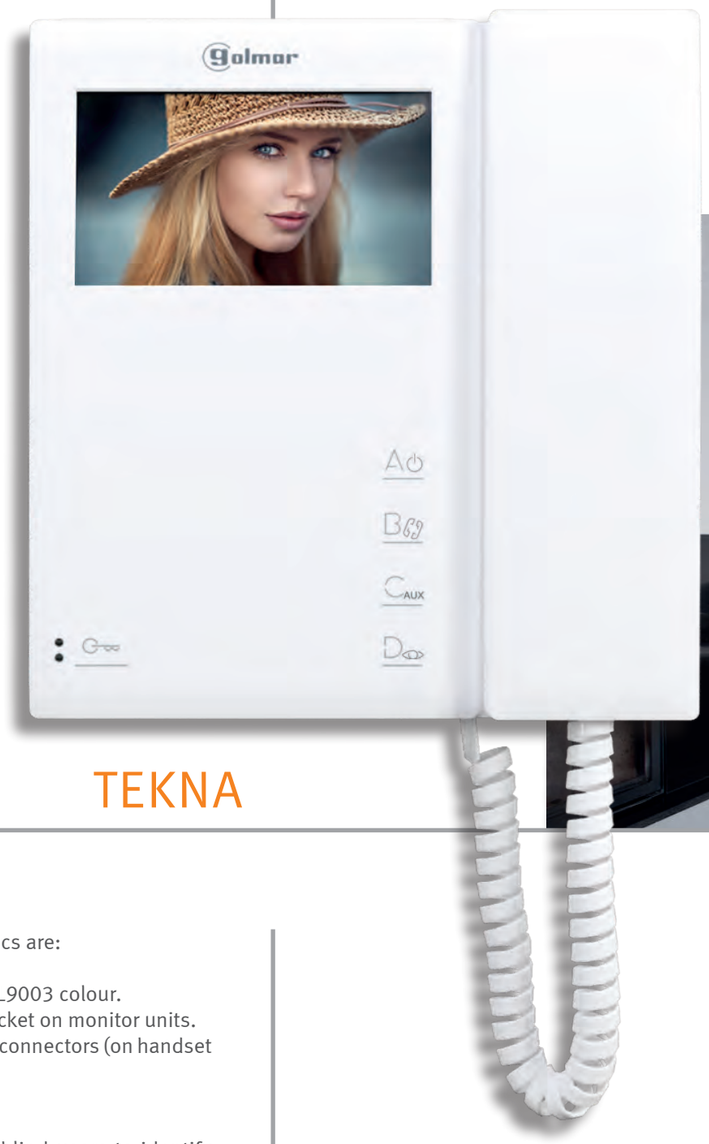
The Tekna S (handset) and Tekna HF (hands free) monitors are available for “Plus” systems only. Among the new features, the most remarkable are the introduction of an alternative programming through DIP switches, that makes the programming easy and quick than before.

Other characteristics of these monitors are:

4.3” colour TFT LCD screen.
Capacitive touch buttons with acoustic confirmation on press.
Three positions call volume regulator.
RJ45 connector.
Video spy and autoswitch-on functions.
Input for door bell apartment push button.
Selectable call reception tones and ringer output.
Activation of auxiliary devices.
Intercom function between units.

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

HF model: 122(W) x 197(H) x 27(D) mm.
4.80”(W) x 7.76”(H) x 1.06”(D).



TEKNA

The main mechanical characteristics are:

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

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

The main characteristics of this audio unit are:

Lock release push button.
As options:
Additional push button.
Call volume adjustment 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).

Art hands free series are powered with our newest two wire technology, “G2+”, that has been specially designed for medium size projects that require amazing features.

All units have dip-switch for easy programming and capacitive touch buttons with acoustic confirmation on press.

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.

Picture and video recording are standard features on all units, with SD card slot to increase storage capability.

The main characteristics of Art 1 hands free audio unit are:

- Acrylic glass with cold white finish.
- Light indications for do not disturb function, missed call, ...
- Full duplex audio communication.
- Possibility to automatically activate the lock when a call is received.
- Control of auxiliary devices, i.e. a second lock, staircase lights ...
- Do not disturb function with light indication.
- Input for door bell apartment push button.
- Selectable call reception tones and ringer output.
- Intercom function between units of the same apartment.

Dimensions: 89(W) x 138(H) x 15(D) mm.
3.50”(W) x 5.43”(H) x 0.59”(D).

ART series

Characteristics of Art 4/G2+ monitor are:

- 4.3” TFT LCD screen.
- Acrylic glass with cold white finish.
- Graphic interface for intuitive operation.
- Light indications for do not disturb function, missed call, ...
- Full duplex audio communication.
- Possibility to automatically activate the lock when a call is received.
- Internal memory for picture recording (up to 100 images).
- Micro SD slot for external card, allowing video recording.
- Control of auxiliary devices, i.e. a second lock, staircase lights ...
- Video spy and autoswitch-on functions of up to four door panels.
- Programmable do not disturb function with light indication.
- Input for door bell apartment push button.
- Selectable call reception tones and ringer output.
- Intercom function between apartment units on the system.
- Patrol function of up to four external cameras.

Dimensions: 110(W) x 154(H) x 15(D) mm.
4.33”(W) x 6.06”(H) x 0.59”(D).

The main characteristics of T-Art handset audio unit are:

- Casing manufactured in ABS RAL9003 colour.
- Detachable telephone cord with connectors.
- No need to open for wiring and programming.
- Light indications for do not disturb function, automatic lock, ...
- Possibility to automatically activate the lock when a call is received.
- Control of auxiliary devices, i.e. a second lock, staircase lights ...
- Do not disturb function with light indication.
- Input for door bell apartment push button.
- Selectable call reception tones and ringer output.
- Intercom function between units of the same apartment.

Dimensions: 86(W) x 154(H) x 31(D) mm.
3.39”(W) x 6.06”(H) x 1.22”(D).

Art 7 monitors are equipped with 7” TFT LCD screen, and are available for “G2+” two wire and “G+” IP technologies.

Dimensions: 220(W) x 154(H) x 15(D) mm.
8.66”(W) x 6.06”(H) x 0.59”(D).

Be always connected with Art 7 Wi-Fi monitor series, available for both “G2+” and “G+” techonolgies. Calls made at the 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, CCTV cameras, allow the entrance of the visitors, ...

No calls will be missed again.

G2Call

ART series

Characteristics of Art 7 monitors with “G2+” two wire technology are:

- Acrylic glass with cold white finish.
- Capacitive touch buttons with acoustic confirmation on press.
- Wi-Fi monitor version with capacitive touch screen.
- Graphic interface for intuitive operation.
- Light indications for do not disturb function, missed call, ...
- Dip-switch for easy programming.
- Full duplex audio communication.
- Possibility to automatically activate the lock when a call is received.
- Internal memory for picture recording (up to 100 images).
- Micro SD slot for external card, allowing video recording.
- Control of auxiliary devices, i.e. a second lock, staircase lights ...
- Video spy and autoswitch-on functions of system door panels.
- Programmable do not disturb function with light indication.
- Input for door bell apartment push button.
- Selectable call reception tones and ringer output.
- Intercom function between apartment units on the system.
- Patrol function of up to four external cameras.

Besides the characteristics of monitors with two wires technology, “G+” IP monitors are boosted with the following features:

- Capacitive touch screen.
- Fully programmable four inputs alarm.
- Voicemail for missing visits.
- Text message service between apartments.
- Panic call to the concierge.
- Lift control for increased security.
- Input for analogue private call module (in option).

Main characteristics of private call module are:

- Front of 2mm. thick injected aluminium in graphite finish.
- Suface mounting.
- Four wires installation to the monitor.
- CCD colour camera.
- Output for lock connection.

Dimensions: 43(W) x 141(H) x 23(D) mm.
1.69”(W) x 5.55”(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 S handset monitor.

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

With SOUL door panel series.

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

Available in three different versions: with Art 4, Art 7 and Art 7W Wi-Fi monitor.

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 “G2+” two wire technology.

The most economical solution includes Nexa Aluminium door panel and Art 4 monitor, while the most exclusive includes Nexa Inox door panel and Art 7W Wi-Fi monitor.

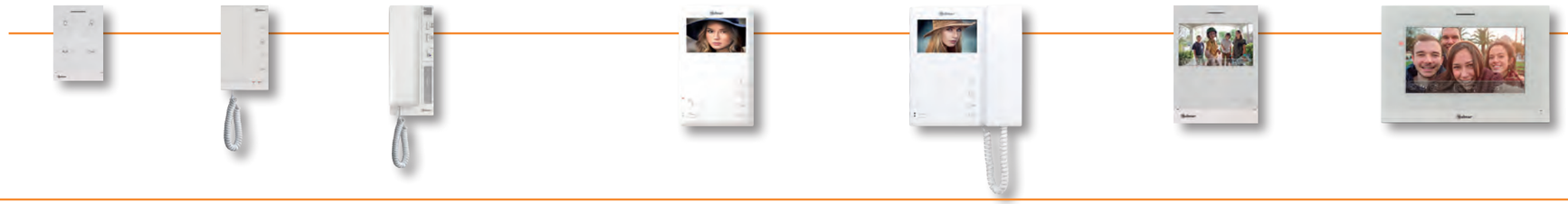
With SURF audio door panel.

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.

APARTMENT UNITS



	Art 1	T-Art	Tekna	Tekna HF	Tekna S	Art 4	Art 7
Material	ABS, acrylic glass	ABS	ABS	ABS	ABS	ABS, acrylic glass	ABS, acrylic glass
Screen size	-	-	-	4.3”	4.3”	4.3”	7”
Touch screen	-	-	-	No	No	No	Wi-Fi and G+ models
Button type	Capacitive touch	Capacitive touch	Mechanical	Capacitive touch	Capacitive touch	Capacitive touch	Capacitive touch
Picture memory	-	-	-	No	No	Yes	Yes
Intercom function	Internal	Internal	Internal	Internal	Internal	Internal / External	Internal / External
Wi-Fi	-	-	-	No	No	No	Optional
Dimensions WxHxD (mm)	89 x 138 x 15	86 x 154 x 31	86x220x56	122 x 197 x 27	200 x 220 x 54	110 x 154 x 15	220 x 154 x 15
(inches)	3.50 x 5.43 x 0.59	3.39 x 6.06 x 1.22	3.39 x 8.66 x 2.20	4.80 x 7.76 x 1.06	7.87 x 8.66 x 2.13	4.33 x 6.06 x 0.59	8.66 x 6.06 x 0.59
Technologies			4+N, 2PLUS				G2+, G+

TECHNOLOGIES

	4+N	2PLUS	G2+	PLUS	G+
Number of wires	4 + N	2	2	CAT5	CAT5
Max. distance (meters)	300	100	1000	1000	Unlimited
Video	No	No	Yes	Yes	Yes
Coded call door panel	No	Yes	Yes	Yes	Yes
Concierge unit	No	Yes	Yes	Yes	Yes
Max. number of units	Unlimited	120	4000	255.000	78000
Parallel units	2	1	3	2	5
Lift control	No	No	No	Yes	Yes