

A modern interior space featuring light-colored wood paneling on the wall and a low wooden coffee table. A white ceramic vase with green plants sits on a wooden shelf. A teal-colored frame surrounds the text area on the right.

IP

MEET 100% IP system based on
point-to-point infrastructure

SIP system: advanced and versatile solution that
has been designed for the integration of the video
door entry system with IP telephony systems.

MEET

FEEL NO LIMITS **FERMAX** IP

THE 100% IP SYSTEM BASED ON POINT-TO-POINT INFRASTRUCTURE



MEET does not require central units or servers.



It offers a secure system that allows the integration of access control, CCTV and alarm functions.



HD video quality and digital audio which ensure high quality communication.



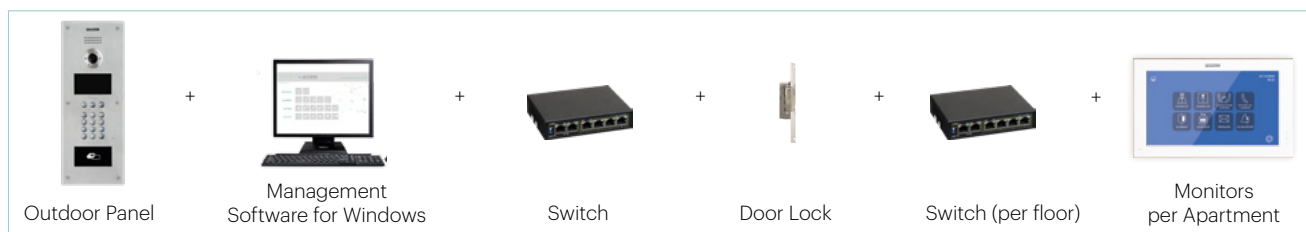
The system is made up of digital panels, one-button panels, touch screen monitors, guard unit stations and various accessories.



It allows the installer to define the IP range and thus facilitate the control of the networks.



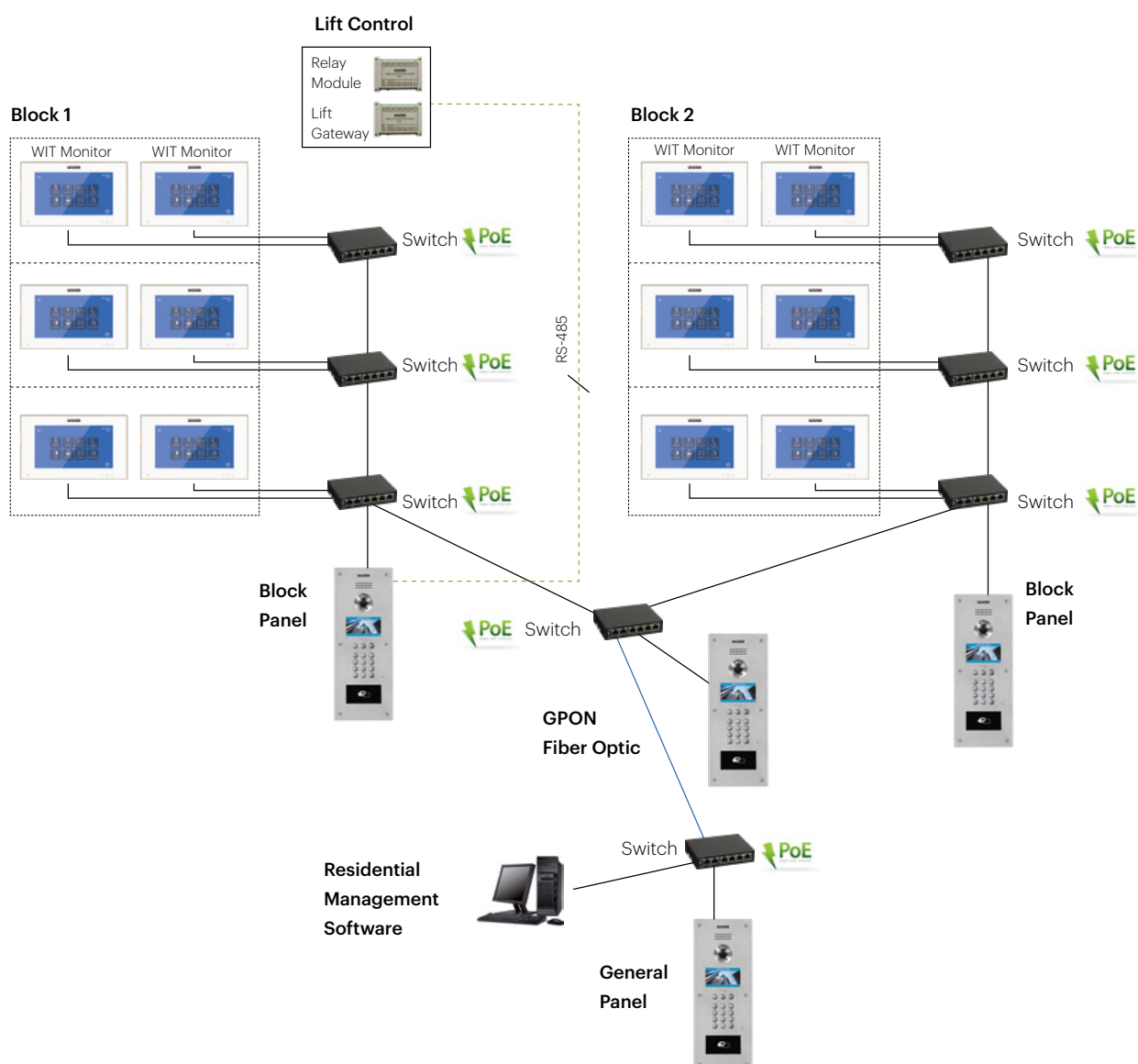
Lift management is also controlled to ensure maximum user comfort.



FERMAX MEET system is a **100% IP technology based on a Point-to-Point infrastructure**, highly efficient, flexible and powerful.

MEET allows the installer to freely assign **the range of IP addresses according to the needs of each project**, and thus facilitate the control of the networks.

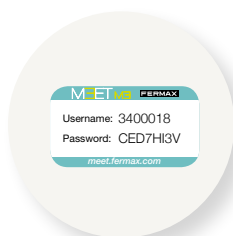
The devices communicate directly, so MEET **does not require central units or servers** which could compromise the availability of the system in the event of an unforeseen error.



Monitors

LICENCE

MEET ME
ref. 1496



NEO 7"

WHITE
ref. 14501



WIT 7"

WHITE/BLACK
ref. 14721 / 14723



WIT 10"

WHITE/BLACK
ref. 14831 / 14833



	7"	10"
	1 x RJ45	2 x RJ45
	PoE Capacitive touch screen Alarm inputs MEET ME call forwarding licence included	
	800 x 480px	1024 x 600px
	Doorbell function (video)	APPs installation Metallic frame Doorbell function (video)

Panels

1/W MILO

ref. 9533 / 9534 / 953303



MILO

ref. 9531 / 9532



MARINE

ref. 1455



KIN

ref. 1445



	TFT 4.3" colour		10" capacitive touch screen
IP54 1 pushbutton	Aluminium + PMMA IP54 Capacitive touch or mechanical keypad	Vandal-proof IP54 IK09 Stainless steel 316L	IP54
12Vdc power supply or POE	12Vdc power supply	PoE o 12Vdc power supply	
Proximity reader MIFARE optional	Proximity reader MIFARE integrated		
	Wiegand connection - Facial Recognition Up to 4 additional auxiliary IP cameras during conversation Lift control		
		Directory function - Mapping call Whitelist - Guest PIN codes	
Pushbutton	Numeric keypad		Alphanumeric call

1. OUTDOOR PANEL



KIN has a 10" capacitive touch screen and a graphite grey finish at the forefront of design, in addition to having hidden screws and a hidden speaker, with side grille.

ELECTRONIC DIRECTORY

Home selection is easy: simply access the electronic directory to quickly search for the apartment you want to call. Navigating through user names is practical and accurate, making it possible to find the resident by choosing the first letter of the alphabet or just browsing the directory up and down.

CUSTOMIZABLE TOUCH SCREEN

The user interface is dynamically adapted to the user's needs, guiding the visitor through the process and creating a pleasant user experience. All this thanks to the capacitive touch screen of the KIN panel, which incorporates a high resolution display (1024x600).

1.2Mpx COLOUR HD CAMERA

The camera has a high-definition image, providing excellent video quality. The camera is equipped with LED lighting for low light conditions. It is possible to send video stream directly from the panel to an IP CCTV security NVR using RTSP stream.

ALPHANUMERIC CALL

Thanks to its display it is possible to call through alphanumeric codes from A to H, such as 7B or 121F.

PROXIMITY READER*

In addition to offering great security features with the MIFARE proximity reader, the KIN panel supports integration of third-party readers such as HID and Wiegand.

FACE RECOGNITION*

It is possible to open the door and call the lift using the KIN face recognition system, allowing residents to access the condominium building quickly, and providing greater security and comfort to the system.



1445	KIN TOUCH PANEL MEET
Panel: 185x405x50 mm	
1449	KIN PANEL FLUSH BOX MEET
Panel: 170x382x58 mm	
95161	KIN PANEL SURFACE BOX MEET ALUMINIUM
Panel: 189x413x64.5-110 mm. Steel can be ordered as a special option	
9513	KIN PANEL STEEL HOOD MEET

* For the configuration of proximity cards and facial recognition, it is required the residential management SW and the key ref.9540.

MILO

Mechanical and capacitive keypads, two different designs for smooth and precise use to meet different customers' requirements.

LCD DISPLAY. DIGITAL VERSION

High contrast 4,3" TFT display module.

The display shows the communication status: calling, busy, etc.

HD COLOUR CAMERA OF 1.2 MPX

The camera provides a high definition picture reverting in an excellent video quality.

The camera is equipped with LED lighting for low-light conditions. Additional video output RTSP IP.

HIGH PROTECTION DIGITAL KEYPAD

Backlighting keypad allows to dial in poor light conditions.

Its compact design guarantees reliability and resistance in any environment. IP54.

FACE RECOGNITION*

It is possible to open the door by face recognition, enabling the opening to the residents in the community and increasing the safety and comfort of the system. (Not available in MILO 1/W).

PROXIMITY ACCESS CONTROL*

MIFARE proximity access control reader included. Access can be granted to users reinforcing the security of the building.

It also allows to connect a third-party reader directly to the panel or receive the information from the card through the Wiegand output to integrate it into external controllers (digital panel).

* For the configuration of proximity cards and facial recognition, it is required the residential management SW and the key ref.9540.



IP Protection 54
Panel: 155(W) x 380(H) x 48(D)mm
*12Vdc Power Supply required.



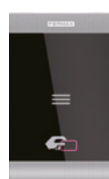
ref.9533



ref.9534



ref.953303



ref.9535



ref.9531



ref.9532



ref.9536

9531	MILO DIGITAL VIDEO PANEL MEET
9532	MILO TOUCH VIDEO PANEL MEET
Panel: 155x380x48mm. 1.2 Mpx	
9536	DIRECTORY MILO PANEL MEET
Flush box 143x357x58mm. Flush box not included	
9542	MILO PANEL FLUSH BOX- L MEET
Flush box 143x357x58mm	
95171	MILO DIGITAL PANEL SURF BOX MEET ALUMI
Box: 160x387x66-108mm	
95181	1/W MILO PANEL SURFACE BOX MEET ALUM
Box: 123x190x66-106mm. Steel can be ordered as a special option	

9512	MILO DIGITAL PANEL STEEL HOOD
9533	1/W MILO VIDEO PANEL MEET POE
9534	1/W MILO VIDEO PANEL WITH PROX MEET POE
9511	1/W MILO PANEL HOOD MEET
953303	1/W MILO VIDEO BLACK PANEL MEET POE
Panel: 118x183x49mm. 1 Mpx	
9535	MEET PROXIMITY READER
Panel: 118x183x49mm.	
9543	MEET PANEL FLUSH - S
Flush box: 105x172.5x63mm	
14591	MEET FLUSH BOX JOINING BOLTS SET
Separation between flush boxes: 14mm	



MARINE panel



MARINE ELITE panels



MARINE

IP54 IK09



The resistance of the stainless steel combined with the Fermax technology and design. The MARINE MEET outdoor panel is the Fermax vandal-proof audio and video door entry panel. Made in **stainless steel 316L, 3mm-thick**. It is a highly resistant panel due to its excellent quality in terms of both materials and production and assembly process.

MAXIMUM RESISTANCE

This video door entry panel is recommended for projects where the high level of security is required or in places with extreme weather conditions. All this thanks to its compact design and sealing that guarantees reliability and resistance against external factors **IP54 and the IK09** impact resistant rating.

MARINE is a video door entry solution that resists the wet and corrosive climates and extreme temperatures of -40°C, +70°C.

1.3 Mpx HD CAMERA

The camera provides a high definition image reverting in an excellent video quality. The camera is equipped with LED lighting for low-light conditions. Additional video output RTSP IP.

ADAPTED TO ALL

It includes a wide-angle camera with horizontal vision angle **128° and vertical 70°**. This facilitates the installation and use of the panel in the event of visitors in wheelchairs.

It is engraved with **Braille** which allows you to identify the call key via engraving on the panel surface.

SECURITY AS STANDARD*

Multiple possibilities of secure access to the building:

Face recognition with cutting-edge technology. MIFARE technology Proximity Reader or Pin Code access, controlled by the panel or sent to an external controller that validates the access.

DISPLAY MODULE WITH DIRECTORY

Welcome logo or on-screen information useful for visitors. Thanks to the electronic directory you can search for any name or apartment that you wish to call.

* For the configuration of proximity cards and facial recognition, it is required the residential management SW and the key ref.9540.

1455	MARINE DIGITAL VIDEO PANEL MEET
155x 410x 49mm	
1456	MARINE DIRECTORY PANEL MEET
155x410x49mm. Flush box not included	
1459	MARINE PANEL FLUSH BOX MEET
141x394x60mm	

1457	MARINE PANEL STEEL HOOD
1458	MARINE PANEL SURFACE BOX STEEL MEET
159x412x63.5mm	
14591	MEET FLUSH BOX JOINING BOLTS SET
Separation between flush boxes: 14mm	



FERMAX has a laser-cut machining line for stainless steel panels. This process allows us to offer complete flexibility when it comes to making the MARINE panel required with optimal delivery time for the customised panel.

The MARINE ELITE panels are available in several colours (indicate the desired RAL when ordering your panel).

31729	MEET MARINE ELITE PANEL
The following variants are available on request:	
<ul style="list-style-type: none"> • Panel with special dimensions. • Integration of access control modules. 	
Only in digital version.	

4579	MARINE ELITE RAINHOOD
4580	MARINE ELITE FLUSH BOX
4581	MARINE ELITE SURFACE BOX (WITH HOOD)

2. Monitors

wit



Metallic frame of great robustness

7" and 10" touch screen.

Available in black and white.

Android 10 operating system.

Apps installation.*

Home automation integration.

Call divert to mobile.

CCTV IP cameras visualisation.

WIT allows the **home automation management screen to be always displayed** and becomes the control centre of the smart home. If a call is received from the video door entry system, a preview of the caller's video is automatically displayed. As soon as the call ends, the monitor returns to the main screen.

Compatibility with home automation systems and **third-party solutions by uploading apps*** on the monitor for the management of home automation systems, climate control, etc.

Users can also **answer video door entry calls from the mobile phone** thanks to the MEET ME call divert app, a service that comes as standard with the monitor at no extra cost.

14721	7" WIT MONITOR PoE WHITE MEET
14723	7" WIT MONITOR PoE BLACK MEET
1 connector RJ-45. Dimensions: 212x132.5x20mm	
14831	10" WIT MONITOR PoE WHITE MEET
14833	10" WIT MONITOR PoE BLACK MEET
2 connectors RJ45. Dimensions: 270x168x20mm.	

*The installation of APPs has to be done by an authorised professional. Apps must be compatible and certified by FERMAX.

1489	10" WIT MONITOR FLUSH BOX MEET
(95411 connector required). Dimensions: 255x155x50mm	
95411	NEO/WIT MONITOR CONNECTOR MEET
Mounting support for the MIO/WIT monitor on the wall. Includes monitor connection cables.	
1485	MONITOR DESKTOP SUPPORT MEET
Compatible with the MEET monitors. Connector ref. 95411 is required for its installation.	

neo



Call divert
to mobile as
standard



7" TFT capacitive touch screen

Digital audio quality and high definition video.

Intercommunication between the monitors in the same house as well as with other apartments.

The monitor manages 7 alarm zones plus tamper that can be activated or deactivated according to 3 scenarios: DAY, NIGHT and OUT. Alarms are notified to the Guard Unit and management software.

It is possible to activate up to 8 external relays by using the relay module ref.1616.

PoE Power Supply

The **NEO** Monitor is a symbol of modern urban residences represented by its compact and minimalistic design. Cool, elegant and intuitive, NEO is the perfect complement for your dreamed house.

An advanced management monitor, with hands-free communication, digital audio quality and high definition video. Its **7" TFT incorporates a capacitive touch screen** that offers a user-friendly experience by means of graphic icons and notification LEDs (missed calls, messages, do not disturb).

NEO is not only distinguished by its outer elegant simplicity, but also by the most user-friendly menu oriented to residential communication.



ref.95411



ref.1485

14501 NEO 7" MONITOR PoE WHITE MEET

Dimensions 203x129x17,5 mm

95411 NEO/WIT MONITOR CONNECTOR MEET

Mounting support for the NEO/WIT monitor on the wall. Includes monitor connection cables.

1485 MONITOR DESKTOP SUPPORT MEET

Compatible with the MEET monitors. Connector ref. 95411 is required for its installation.

NEO monitor does not allow installation of APPs

3. Integration



MAXIMUM INTEGRATION CAPACITY



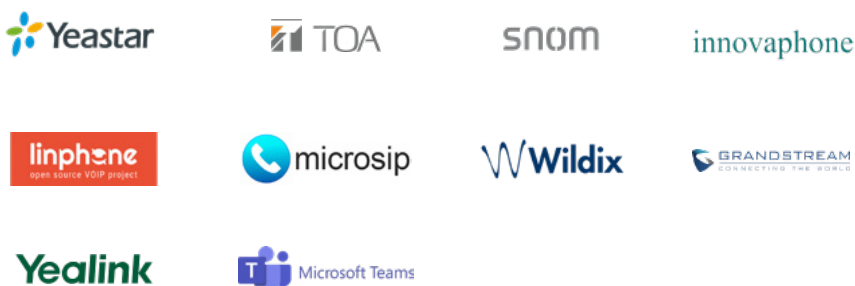
HOME AUTOMATION INTEGRATION WITH APPS

Home automation management from the WIT monitors – Compatibility with Android Apps.



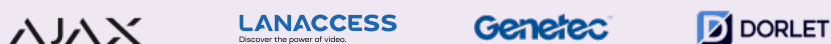
SIP INTEGRATION

Integration with telephone systems, software video telephones or desktop telephones. SIP Compatibility.



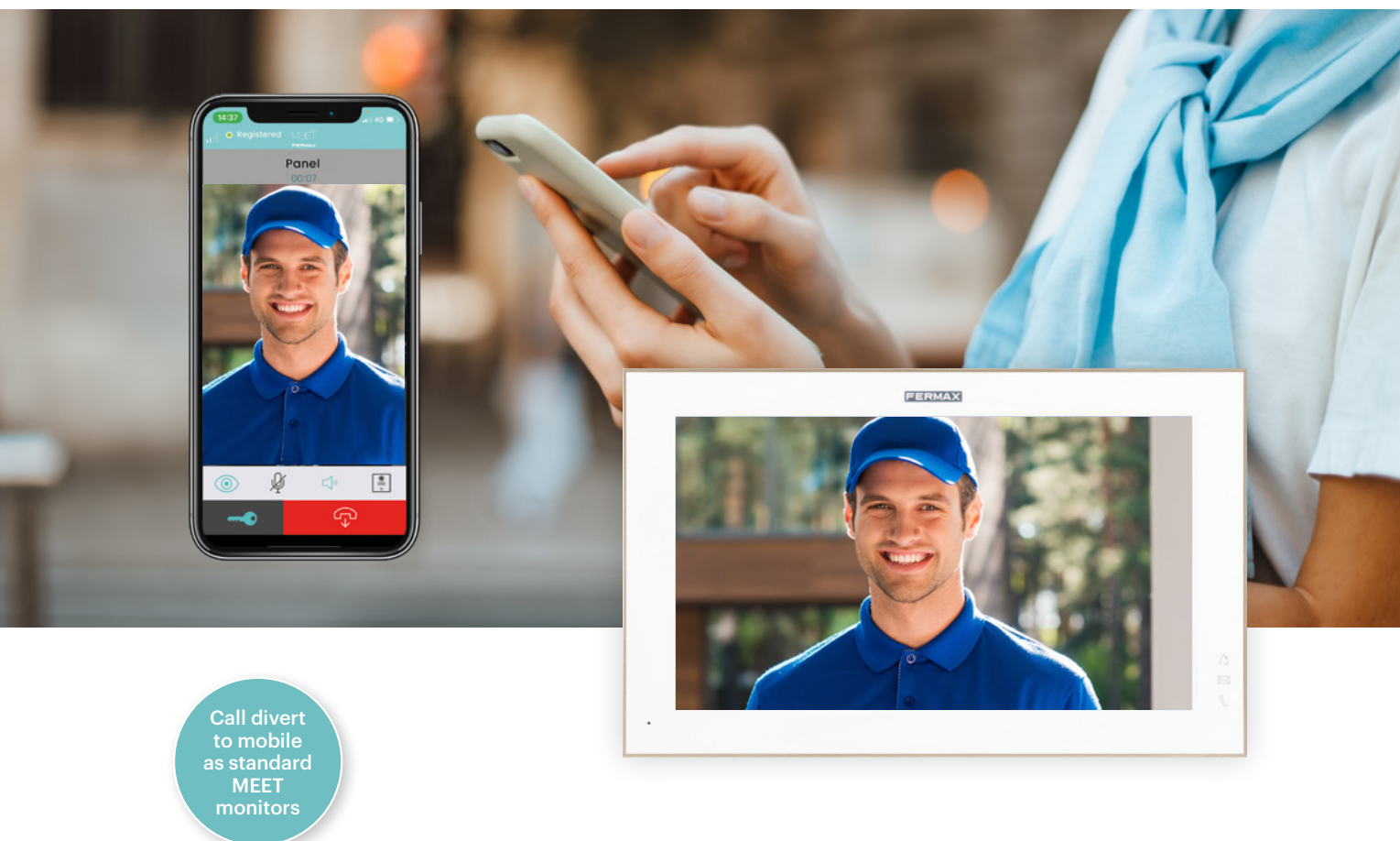
SECURITY INTEGRATION

Compatibility with video surveillance and access control systems via RTSP and Wiegand protocols.



More info: meet.fermatx.com

4. Call divert



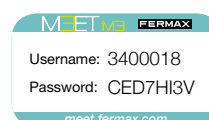
With MEET, you can receive calls on the mobile phone and visualise the visitor before answering. **It comes as a standard option with the monitor** and allows communication with the entrance panels and door opening.

As easy for the user as downloading the **free MEET ME APP on Google Play or the Apple Store**. Just enter the user and password included in the monitor.

No additional devices are required in the installation. Just connect the MEET IP network to the Internet*.

- Up to 8 smartphones in the same apartment.
- Display of additional cameras during call (up to 4) (ref.9985).
- "Do not disturb" mode for app (no need to log out).

* Internet access with enough upload bandwidth is required depending on the network traffic generated by the outdoor panels.



1496 MEET ME CALL FORWARDING LICENCE

This licence comes included as standard with MEET monitors, so it is only necessary when there is no monitor in the house.

5. Guard unit

Ergonomically designed to provide a comfortable use, the MEET Guard Unit integrates a large touch screen for an intuitive interaction.

MEET guard unit is the desktop device that will enable a concierge to communicate with any panel or apartment.

Its 10" touch screen enables the guard unit to receive alarms from monitors and panels. Thanks to its user interface it is possible to review any missed calls and communicate later with the apartment.



Dimensions: 303 x 190 mm

95391 MEET GUARD UNIT

- Call **divert to MEET ME app**.
- Capacitive touch screen panel.
- **Handset or hands-free** audio communication.
- **10"** colour TFT touch screen.
- Audible and visual alarm notifications.
- **It can be integrated with CCTV IP camera** by RTSP (concierge camera) (ref.9985).
- Automatic answering function of panels.

CALL TO APARTMENT

The property management or concierge is able to contact any resident of the community using the guard unit's call to apartment function. The concierge must enter the block number and/or apartment number to call. If an IP camera is connected to the guard unit, a video communication between concierge and apartment is established, otherwise it is only audio communication.

REGISTRO DE LLAMADAS

The concierge can have a clear view of their call history in the CALL LOG interface and browse through the pictures taken.

Maximum number of call logs: 128.

The Guard Unit allows audio and video recording when the call from panel is not answered (additional SD card required).

GUARD TO GUARD CALL

Guards can call each other when needed.

To call a guard unit, the user must enter the guard unit's number.

ALARM LOG

The guard unit provides a quick view of the most recent alarm events. These records can be found at the ALARM LOG interface. Each record includes: date and time, apartment or panel number and triggered alarm zones. Maximum number of records: 450.

The administrator can access to a complete alarm record using the management software.

CAMERA ON

The guard unit can connect to any digital panel and open the video channel when needed by simply entering the panel's number. Once connected the guard can take pictures, open the audio channel, open the door or simply hang up.

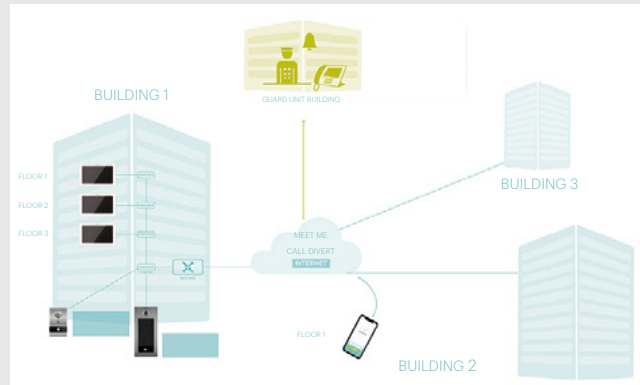
6. Advanced features

GUARD UNIT FOR MULTIPLE APARTMENTS

Different outdoor panels from different buildings can call one or several remote guard units.

These remote guard units can call and connect with the outdoor panels.

It is only necessary to acquire one REF.1496 MEET ME LICENCE per guard unit for its use at the desk concierge. This licence allows the concierge to register on the MEET ME cloud server.



COMPATIBILITY WITH SIP

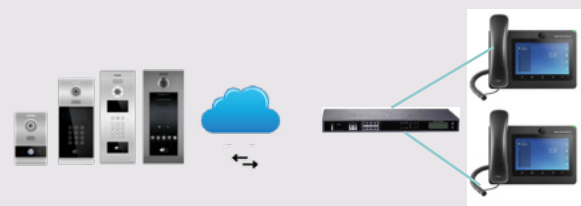
ANSWER THE CALL FROM A PERSONAL COMPUTER

SIP compatibility allows receiving calls from the outdoor panels on a computer. For this, it is required to have a Voice over IP software, compatible with SIP, installed on a computer, such as LINPHONE. The integration with IVMS software for managing installations is also possible, which incorporates SIP clients such as GENETEC - Sipelia.



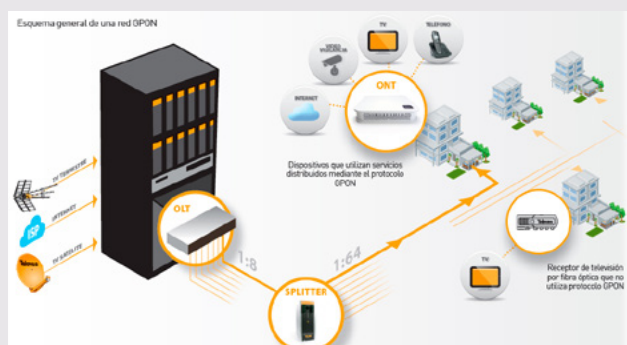
ANSWER THE CALL FROM A TELEPHONE SYSTEM

In the installations where an IP telephone system compatible with SIP already exists, such as in offices or shopping centres, it will be possible to answer the call from one of the telephones previously installed. Thanks to the SIP compatibility, the FERMALX outdoor panels will be an additional extension to the IP telephone central guard unit and calls from the panels will be received at the terminals assigned in the central guard unit.



GPON OPTICAL FIBER

- Being a 100% IP system, there is no distance limit because it can be installed in fiber optic infrastructures such as GPON.
- The main advantage is that the cost of the network infrastructure is much lower than an Ethernet or conventional active fiber optic network.
- There can be numerous IP services on the same infrastructure such as IP TV, IP voice calls, IP CCTV, etc. As a result, the costs of the infrastructure are shared between several services.



7 ALARM + TAMPER
DETECTION
ZONES



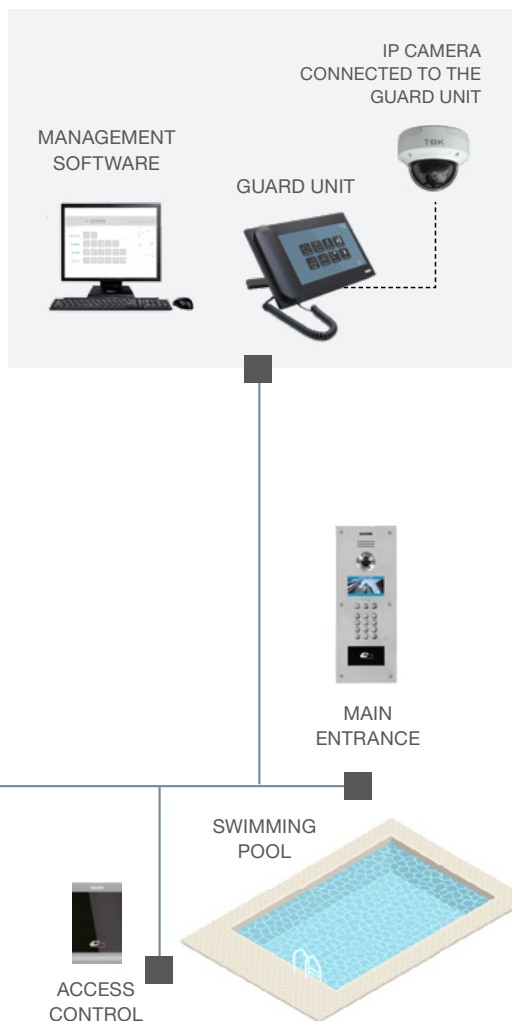
TECHNICAL CAPABILITIES

- 1 Virtually unlimited number of units can run under MEET installation.
- 2 Unlimited distances from end to end of the installation.
- 3 Multichannel for conversations and data flows, with unlimited capacity.
- 4 GPON fiber optic infrastructure compatible.

WIRING

- CAT5 CABLE
- FIBER OPTICS*
- ALARM
- LIFT

* A converter is required to switch from UTP to FO.



MODERN PROTOCOL

Flexible, quick and adaptable. MEET is a highly efficient peer to peer IP protocol based system. Easy to install, configure and maintain. MEET system's flexible IP addressing eases the network management structure. Decentralised architecture communication structure allowing each terminal to work independently without a need of a centralised server. The system is compatible with GPON networks.

COMPLETE SOLUTION

Communication, alarms, lift control and access control. MEET allows to communicate with the visitor and offer them a safe pass through doors. Its centralised alarm infrastructure provides a 24/7 protection against intrusion and the unexpected. Its complete lift control function allows you to see the lift's status clearly, there is no need to worry that you will miss the lift again.



52750	PROXIMITY CARD MIFARE
52740	PROXIMITY KEY FOB MIFARE
9538	MEET PC DESKTOP PROXIMITY READER
9540	MEET MANAGEMENT SOFTWARE
Registration and deactivation of proximity cards and facial recognition. Events registration. Sending messages to home monitors.	

9546	MEET WIEGAND DOOR CONTROLLER
9545	MEET LIFT CONTROL GATEWAY
1616	10 RELAY MODULE
1490	EXTERNAL DOORLOCK RELAY
It allows the simultaneous activation of a second relay in parallel to the panel or as a secondary relay on 1/W panels.	

1491	4 RELAY PANEL MODULE
Only for digital panels.	
1494	GUEST CODE MODULE
Third party access control integration is required.	

7. Power supply and switcher



4813	POWER SUPPLY DIN6 100-240VAC/12VDC-2A
For non-PoE devices, 1 power supply is required for every 4 devices. It is recommended that each entrance panel and guard unit has its own power supply for the easy of the installation.	

1586	4 PoE PORTS SWITCH + 2 UPLINK PORTS
1587	8 PoE PORTS SWITCH + 2 UPLINK PORTS
1498	12Vdc PoE SPLITTER

NEW

MARINE SIP

by **FERMAX**

MARINE SIP WITH IP TECHNOLOGY, A LEADING SOLUTION IN INTEGRATION AND FUNCTIONALITY

The MARINE SIP panel is an advanced and versatile solution that has been designed for the integration of the video door entry system with IP telephony systems.



ref.1670



ref.1671



ref.1672



ref.1673



ref.1674



ref.1675



SEAMLESS INTEGRATION AND WIDE COMPATIBILITY

The **MARINE SIP** panel represents a significant step forward in terms of codec and protocol configuration options, enabling greater compatibility of the video door entry system with IP telephony manufacturers.

It works with other **MEET** products, FERMAX's 100% IP video door entry system, such as IP monitors and guard unit, making it the ideal choice for projects where security and communication in residential communities and the business sector are a priority.

AMONG ITS NEW FUNCTIONS, THE FOLLOWING ARE HIGHLIGHTED:

Possibility to set sequential call jumps with configurable time.

Selecting the destination of different calls according to the time (no need for SIP server).

Sending HTTP commands for the activation of home automation scenarios.

Sending RTSP video stream to CCTV recorders or home automation screens with up to 3 simultaneous connections.

Registration on SIP servers.

The panel also has connectivity thanks to its compatibility with the MEET ME application, the call divert service from video intercom to mobile phone, providing greater flexibility and control over communications*.

* This function requires an additional MEET ME licence (ref. 1496), not included with the panel.

MARINE SIP Panel

The **MARINE SIP** panel is available in 1 to 5 pushbutton models, with a **high-quality 316L stainless steel finish. PoE powered.**

It also offers various mounting options (flush or surface), depending on the needs and requirements of the specific installation.

With a resistance against **external factors IP65** rating and an **impact resistance IK09** rating, it is particularly robust and has vandal-proof features as standard, which ensures safe and reliable operation.

1670	MARINE SIP PANEL ST1 CP101	Dimensions: 150x180mm
1671	MARINE SIP PANEL ST1 CP201	Dimensions: 150x180mm
1672	MARINE SIP PANEL ST2 CP102	Dimensions: 150x240mm
1673	MARINE SIP PANEL ST2 CP103	Dimensions: 150x240mm
1674	MARINE SIP PANEL ST2 CP202	Dimensions: 150x240mm
1675	MARINE SIP PANEL ST3 CP105	Dimensions: 150x360mm

4641	MARINE ST1 FLUSH BOX	Dimensions: 130x160x55mm
4645	MARINE ST1 SURFACE BOX WITH HOOD	Dimensions: 154x184x96mm
4642	MARINE ST2 FLUSH BOX	Dimensions: 130x220x55mm
4646	MARINE ST2 SURFACE BOX WITH HOOD	Dimensions: 154x244x96mm
4643	MARINE ST3 FLUSH BOX	Dimensions: 130x340x55mm
4647	MARINE ST3 SURFACE BOX WITH HOOD	Dimensions: 154x364x96mm

Power supply for lock release via external power supply.

MARINE ELITE SIP panel

MARINE ELITE SIP offers the possibility of **customisation with any RAL colour or laser engraving**, adapting to the specific needs of each customer and project.

31722 SIP ELITE MARINE PANEL from 1 to 5 pushbuttons

