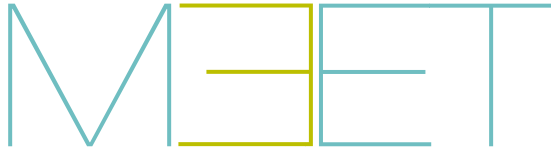




IP Technology
for residential
communication



Efficient | Flexible | Powerful

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

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.

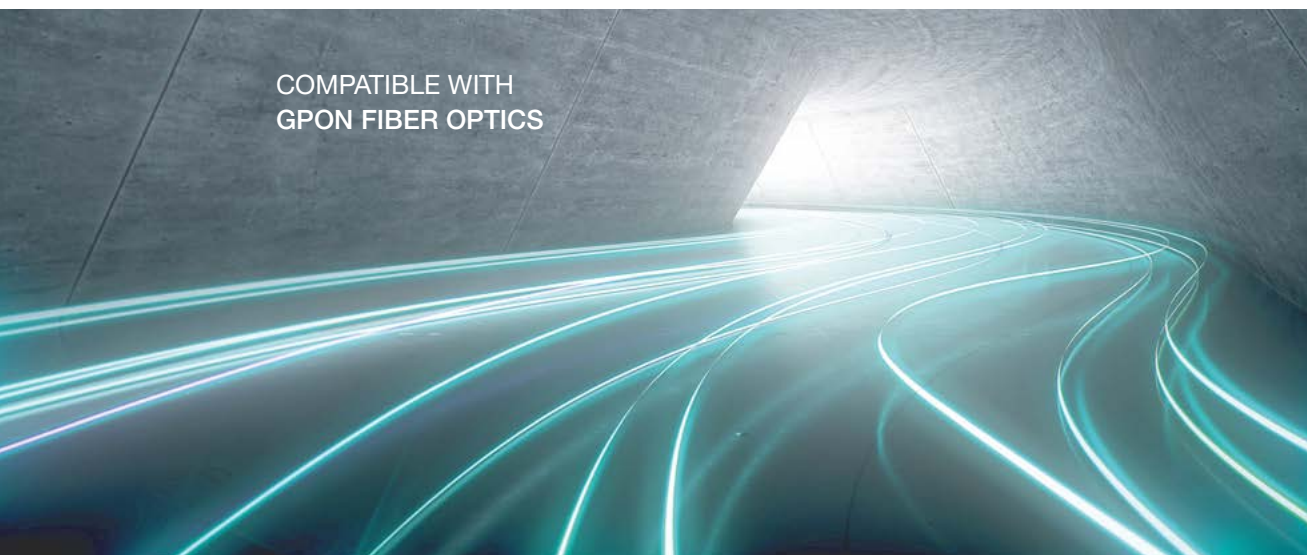
MEET allows the installer to freely assign **the range of IP addresses according to the needs of each project**, and thus facilitate the control of the networks.

MEET offers **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, concierge stations and various accessories.

To guarantee the security of the community, MEET offers a secure system that allows the integration of access control, CCTV and alarm functions.

COMPATIBLE WITH
GPON FIBER OPTICS



MEET Specifications

Communication

- / High-quality **digital audio and video**.
- / Simultaneous **communication**.
- / **Call Divert** via MEET ME app.



The possibility of receiving calls on your mobile phone **comes as standard**. You just need to have **a monitor installed in the property**. **Download the free application** and connect up to 8 smartphones from the same apartment.

Security

- / **Access control**.
- / **Face recognition**.
- / **Lift control**.
- / Opening of **multiple doors**.
- / **SOS emergency call**.
- / Reception and alarm **log**.

Integration

- / **CCTV**.
 - / Home Automation **management**.
 - / Activation of automatic mechanisms from the monitor.
 - / Third-party **access control** (Compatible with Wiegand).
-

Access Control

As standard.



Face recognition

Door opening by face recognition, facilitating entrance to the neighbours of the community and increasing the security and comfort of the system. Up to 6,000 users can be registered.



Numeric keypad

Door opening by PIN code. Allows up to 8 opening codes to be registered.



Proximity

Integrated MIFARE proximity access control reader. This way, access is guaranteed to users, reinforcing the security of the building. Up to 100.000 cards.

Card or keyfob available.



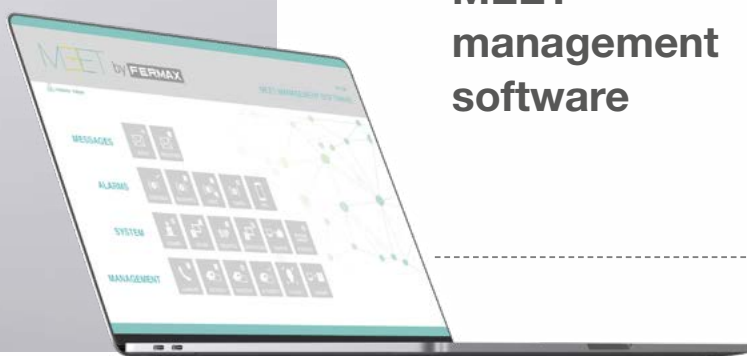
*MEET Management Software (Ref. 9540) necessary for installation.

FERMAX

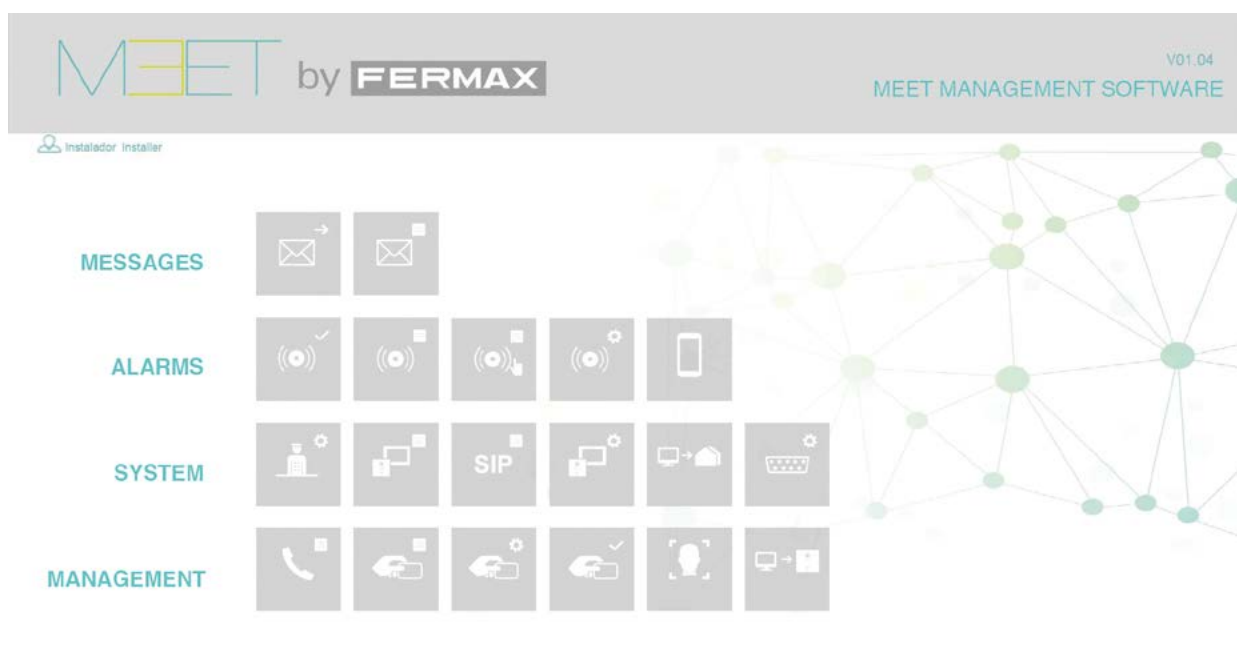
MEET

MEET management software

The MEET management software makes possible to monitor and configure the system in the best possible way. Functions are securely restricted depending on the user profile.



Proximity reader
MEET PC (USB)



FEATURES

- Access, call and alarm logs.
- User enrolment and cancellation.
- Sending messages to home monitors.
- System configuration and installation tool.
- Online and offline devices' detection.

Access Control

Third Party.



The lift, serving
your **security**.



Lift Controls

Allows only to owners and visitors
to access to the authorised floor

The owner will be able to access home safely. By using the proximity card, the lift control system will enable access to the floor of the apartment.

The visitor will be able to enter into to the lift on the ground floor, and access only the resident's floor by simply opening the door when a call is received.

An interesting formula to improve safety in large residential projects.



CCTV Integration

FERMAX

Video Surveillance

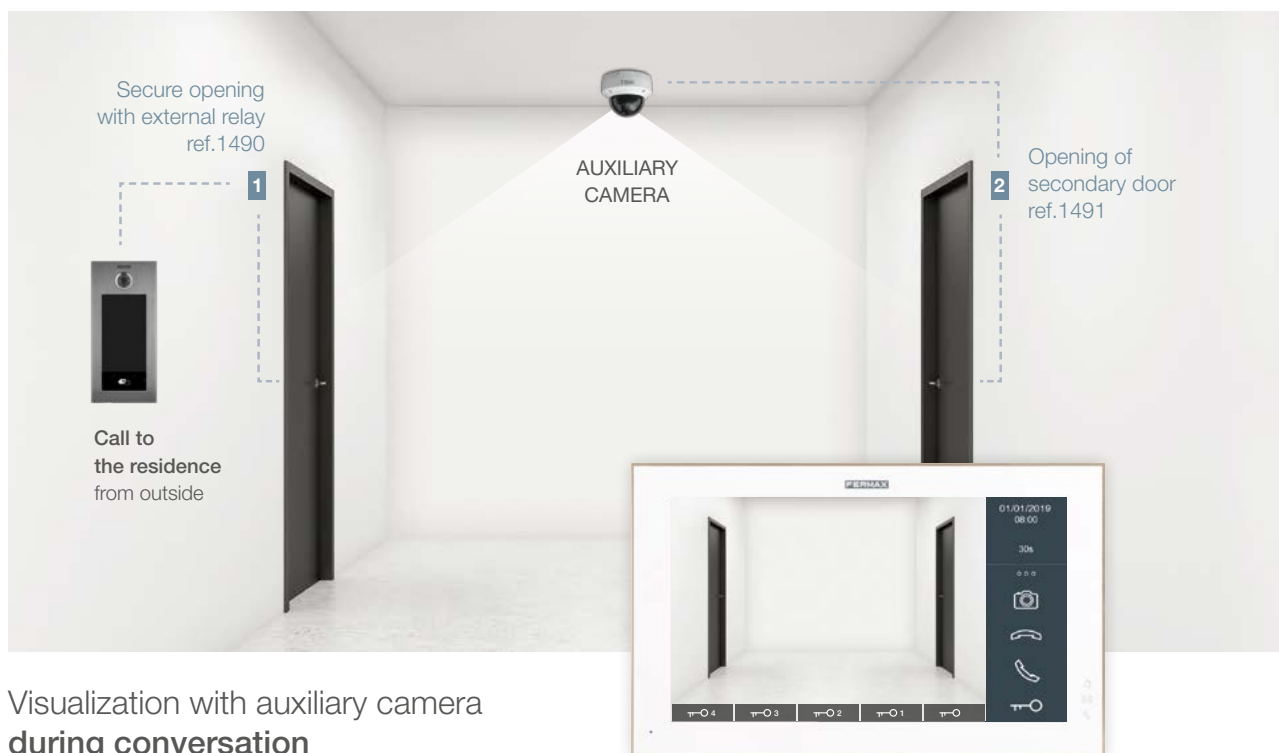
MEET outdoor panels **can stream the video from the camera** to the security centre so that it can be monitored or recorded. This is possible due that the camera sends an H.264 RTSP video stream over IP.

Conversely, our technology allows **to activate a feature allowing the monitor to view the video stream from any IP camera** installed in the facility. This feature is commonly used to see intermediate areas such as gardens or garages.

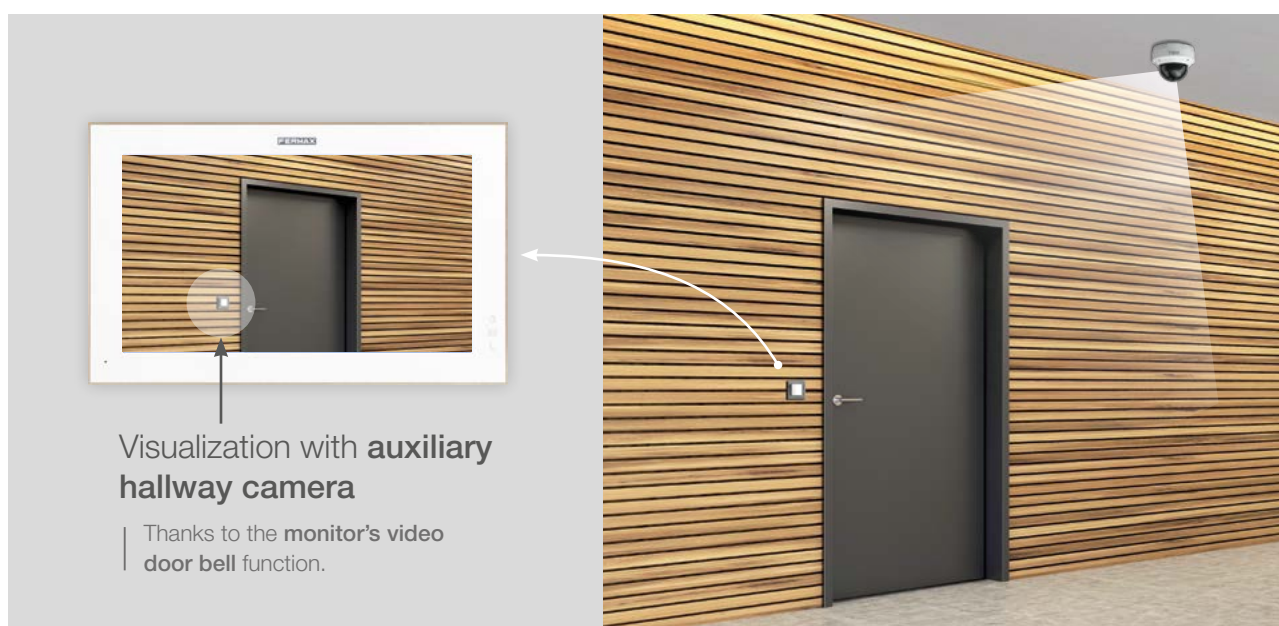
Also, it is possible to **associate door opening relays with the cameras** by means of a direct access icon, so that we can activate it directly while we display the images from the camera.



Expanded Functions



Visualization with auxiliary camera during conversation



Home Automation Integration



MEET monitors **can be connected to home automation systems**, by activating predefined scenarios and being configured in the home automation gateway.

For example:

At home / Having dinner / Outside the house...

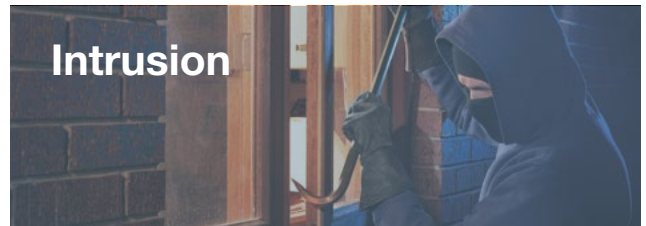
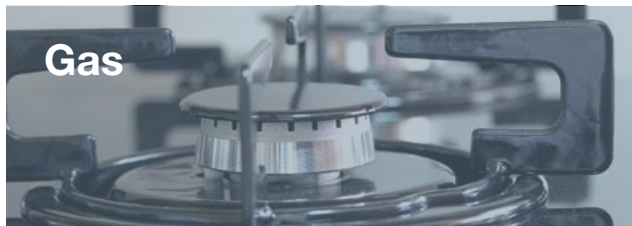
MEET provides total freedom of choice through solutions that **are adapted to other technologies and existing home automation systems**. This technology creates synergies through unlimited solutions that support integration, interaction and compatibility with other systems.

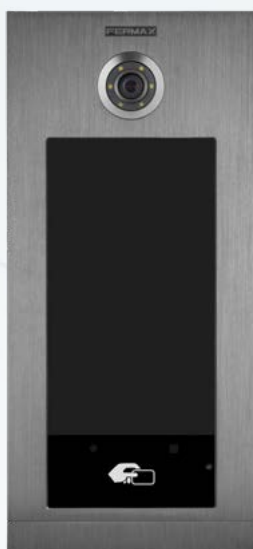
In MEET facilities, monitors allow to integrate an application for automated home control. It requires KNX Web Server (ref.9861) or IP Home Automation Gateway.



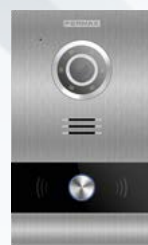
Alarms Activation

FERMAX





KIN



MILO

MEET

by FERMAX

Product Range



wit



mio



MEET GUARD UNIT



For the most exclusive
environments



Solid
metal frame.

Available in
7" and 10"

With PoE power supply

Specially designed for **home
automation integration.**

Thanks to its touch interface the user will be able to answer home calls to the home, manage missed calls, view captured images, read messages sent by the administrator, visualize aerial camera images, activate external relays, get notifications about alarms on the monitor and guard unit, and even manage the home automation system.

WIT's exclusive aesthetics are underpinned by an innovative technology that **allows the installation of APPs*** increasing the added value and functionality of the monitor.

For simplicity of installation, WIT monitors **allow PoE power supply**, this means that it makes use of PoE switch power and no dedicated power supply is required.

The WIT 10" monitor is specially designed for home automation integration, since it is the only monitor that incorporates two RJ-45 network interfaces to be able to connect to both the community IP network and the apartment's local network, maintaining both the isolation between networks and flexibility in connectivity. Its surface or embedded installation allows it to adapt to the most demanding architectural designs.

* APPs have to be FERMAX certified and configured by authorised installers. MIO and WIT monitors accept APPs.



mio

Intuitively
functional



Available in
7" and 10"

Powerful, simple and complete.
Inside and out.

MEET

MIO monitor is a symbol of urban and modern residences, represented by its compact and simple design. Attractive, elegant and intuitive, MIO is the perfect complement for the most technological homes.

An advanced management monitor, with hands-free communication, digital audio quality and high-definition video.

Its TFT incorporates a capacitive touch screen that offers an intuitive user experience, thanks to its graphic icons and LED notification indicators (missed calls, messages, do not disturb).

FERMAX



MEET Monitor Features

HOME AUTOMATION

The user can interact with the home automation system through the touch screen thanks to an Android App*.

RELAY ACTIVATION FROM MONITOR

By connecting a relay module ref.1616 directly to the monitor, up to 8 devices such as shutters, relays, awnings, etc. can be activated.

DOOR BELL

Connected directly to the monitor, it can be used as a door bell.

RINGTONE SETTINGS

Select an independent ringtone for calls from different sources.

SCREEN SETTINGS

Select the background colour of the screen and the sound level of the touch screen using the screen settings menu.

PANIC ALARM

In case of emergency, a panic alarm can be sent to the control software and the guard unit.

ALARMS (Only if installed)

- HOME mode: Lower level of security, used for technical alarms.
- SLEEP mode: Intermediate level.
- OUT mode: Activates all alarm zones.

The user can change the alarm mode simply by clicking on the corresponding icons. It is possible to deactivate the alarm with a DURESS code, so that the central unit receives the alarm. In addition, the HOME mode can be activated from the outdoor panel using the proximity card.

LIFT CONTROL

The user can call the lift simply by pressing the up and down icons, and give access to the floor by clicking on ACTIVATE (ACTIVATE FLOOR).

WIT and MIO

MONITOR CALLS

MIO and WIT can send or receive calls from:

- Outdoor panels.
- Guard Units.
- Other homes in the same building.

CALL TO THE GUARD UNIT

Call any of the available guard units listed on the monitor.

INTERCOMMUNICATION CALLS

Call other neighbours by dialling their number.

CALL HISTORY

You can review any detail of the call history by double-clicking on the log. Save the image of the visit. Up to 64 images.

PHOTO OF MISSED CALLS

Saves an image of the missed call, allowing to store up to 64 images.

PANEL CAMERA AUTO ON

You can activate the camera of any outdoor panel by selecting it from the programmed list, and additionally start a conversation.

DO NOT DISTURB

The "Do Not Disturb" function will mute any incoming call and only illuminate the display when a call is received. It can be activated during certain periods of time, after this time, the monitor will return to normal mode. The notification LED on the monitor will indicate that the "Do Not Disturb" function is activated.

MESSAGES

The notification LED will light when a new message is received. The user can read these messages by double-clicking on them in the table with the list.

Available in white, black and gold.



* APPs have to be FERMAX certified and configured by authorised installers. MIO and WIT monitors accept APPs.

■ Call divert

with MEET ME app

The possibility of receiving calls on your mobile phone **comes as standard**. You just need to have **a monitor installed at the apartment**. **Download the free application** and connect up to 8 smartphones from the same apartment.

Installation couldn't be easier, since no additional device is required. It is just necessary to connect MEET's IP network to the Internet. This simplicity is due to MEET ME Cloud.



WIT and MIO are not only distinguished by the simplicity of their aesthetics, but also for the **ease of use** of their intuitive menu, specially designed for residential communication.

FERMAX





KIN

The most interactive touch screen panel

KIN is the most interactive video door entry panel. It allows the visitor to interact in a simple way with its user interface. It 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.

This innovative outdoor panel provides **high quality audio and video**, as well as multiple options such as **alphanumeric calls** or calls to several guard units and **advanced security features**.



Direct power supply from the PoE switch.



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.

Touch screen

Its 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. Additional IP RTSP video output.

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.



Guest code

On the KIN panel you can **activate Guest PIN Codes** for temporary visitors, which are provided by third party access control systems. This is achieved thanks to the **Guest Code** function which sends Wiegand PIN codes from the user interface to the external access control system.

Note: Additional guest code device required.

Face Recognition

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

MILO

Adaptation to all
needs with a
clear and easy use



Digital
MILO panel



Digital Touch
MILO panel

1.2 Mpx colour HD camera

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

LCD screen in digital version

4.3" high contrast TFT screen. Call signal. The display shows the communication status: calling, busy, etc.

High-protection digital keypad

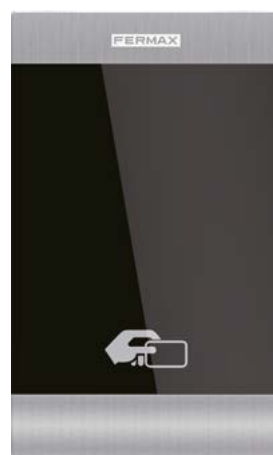
The backlighting on the keypad allows users to view numbers in low-light conditions. Its compact design and sealing guarantee reliability and resistance in any environment. IP54.

Face recognition

It is possible to open the door using face recognition, making it easier for neighbours to open the door and increasing the security and comfort of the system.



■
MILO
Proximity
reader



Proximity access control

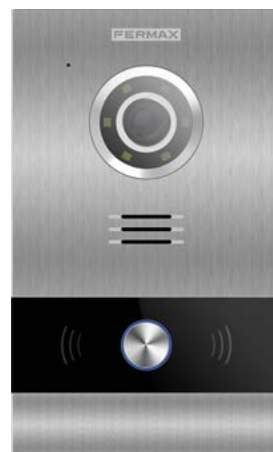
Integrated MIFARE proximity access control reader. This way, access is guaranteed to users, reinforcing the security of the building.

It is possible to connect a third-party reader directly to the panel, or to extract the information from the card through the Wiegand output, to integrate it into external controllers.

Design with **two easy-to-use different keypads**, to meet the different needs of users.

■
1/W MILO
video panel

Call to both home
and guard unit.



FERMAX

MEET Guard unit

FERMAX

Ergonomically designed for **perfect handling**, the MEET guard unit integrates a large touch screen **for intuitive interaction**.



The MEET guard unit is the desktop device that **allows the concierge to communicate with any outdoor panel or residence**.

From its 9" touch screen, the concierge can **receive and monitor the state of the whole building or condominium, receiving alarms**.

Thanks to its **user interface**, it is possible to see any missed calls and communicate with the home.

The audio of the apartment calls **is recorded in the guard unit**, in case the call isn't answered. If the call comes from the outdoor panel, both the audio and the video* will be recorded.

*SD card required.



MEET

■ Features

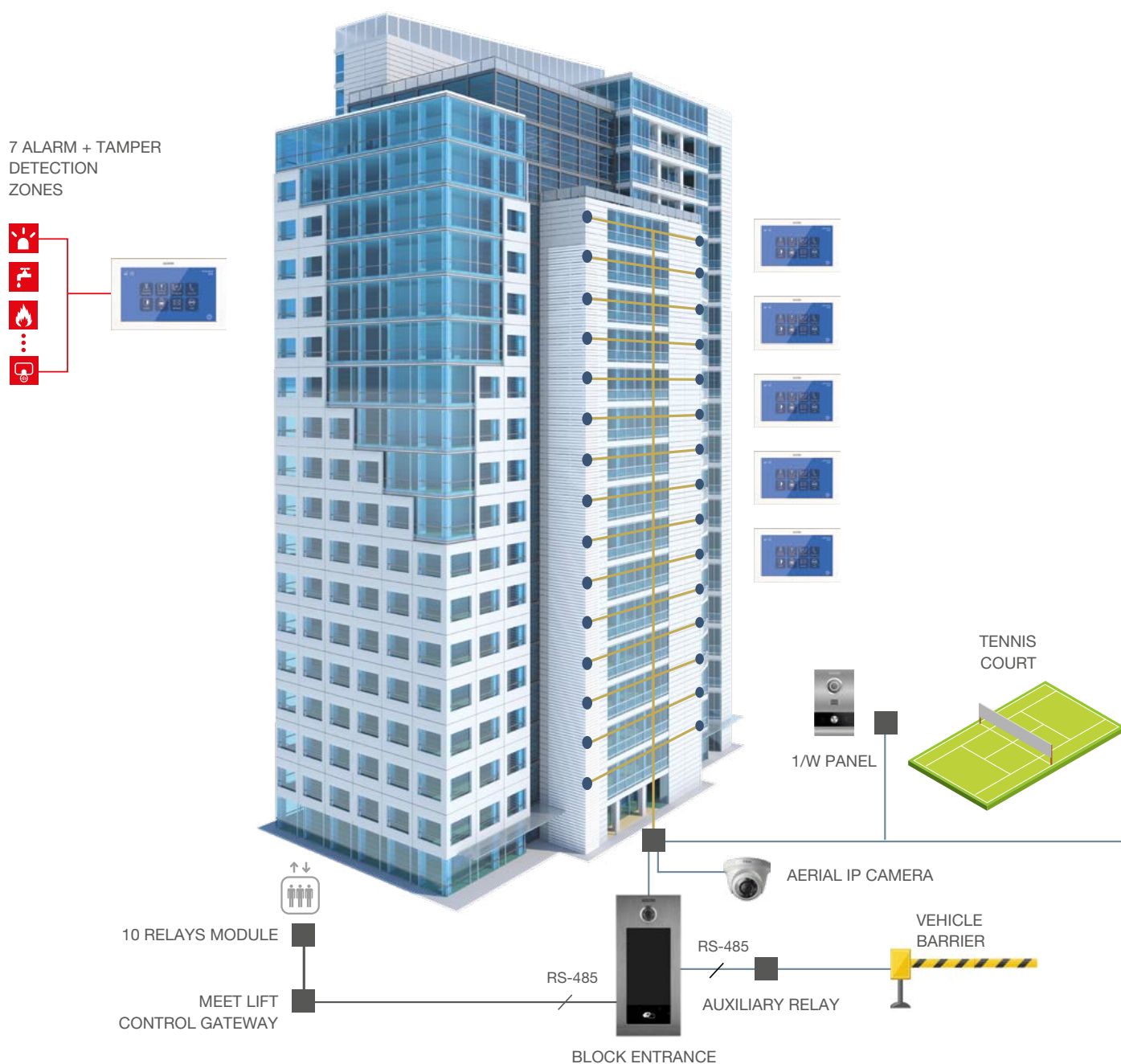
- 9" **resistant** touch screen.
- Aluminium **profile**.
- Communication **via handset or in hands-free mode**.
- **Visual and audible** alarm notifications.
- IP CCTV camera **connection**, thanks to its compatibility with RTSP cameras, so you can add video communication from the guard unit to homes.



**COMMUNICATE. CONNECT.
CONTROL. NOTIFY.**

MEET installation diagram

Technical Specifications



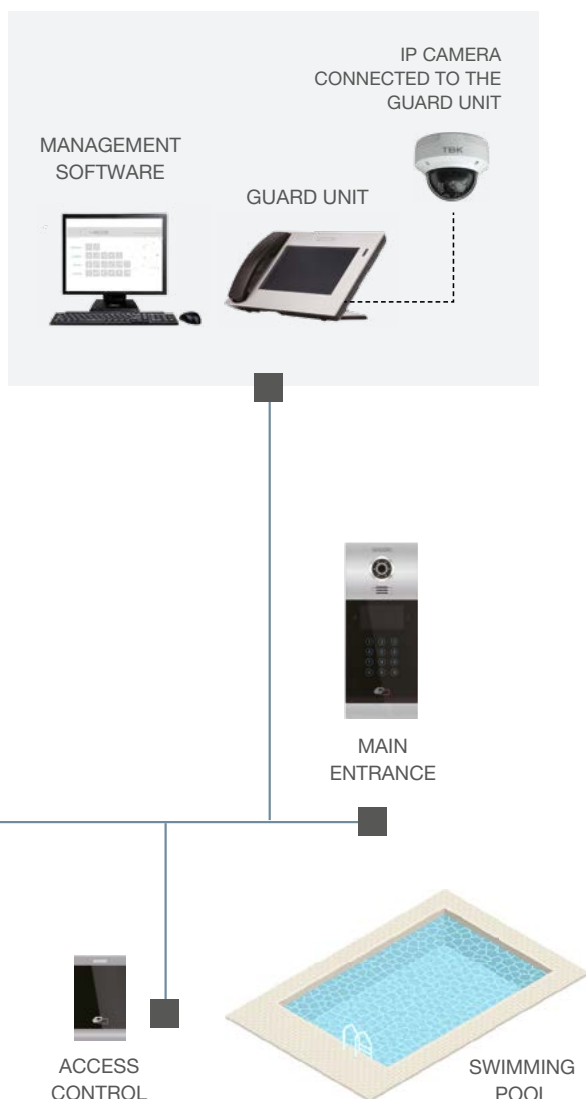
KIN panel and WIT monitor are PoE devices.

MILO panel and MIO monitor require 12Vdc power supply.

WIRING

- CAT5 CABLE
- FIBER OPTICS*
- ALARM
- LIFT

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



Modern protocol

Flexible, fast and adaptable. MEET is a system based on a highly efficient point-to-point IP protocol. It's easy to install and maintain. The flexible IP addressing of the MEET system facilitates the network management structure.

The communication structure of the decentralised architecture allows the independent operation of each terminal without the need for a central server.

MEET is compatible with standard switches on the market. It is also compatible with GPON fiber intra-structures.

Graphic user interface

Simple, intuitive, accessible and easy to use. The MEET system has universal icons to represent each individual function, allowing access to anyone.

Technical capabilities

Wiring CAT5 CABLE
(2 additional wires for non-PoE devices)

Maximum number of homes: 9899 per block

Maximum number of outdoor panels: 99 per block

Maximum number of blocks: 999

Maximum number of guard units: 99 MASTER guard units
Each MASTER can manage 5 SLAVES

Maximum distance: unrestricted

Simultaneous two-way communications: Yes

Monitor Programming: Static IP and house/block number

Server needed: No. Point-to-point system

References



PANELS

1445	KIN GRAPHITE GREY PANEL (185 x 405 x 50)
1449	KIN FLUSH BOX PANEL (170 x 382 x 58)
9531	MILO DIGITAL VIDEO PANEL (155 x 380 x 48)
9532	MILO DIGITAL TOUCH VIDEO PANEL (155 x 380 x 48)
9533	MILO 1/L VIDEO PANEL (118 x 183 x 49)
9534	MILO 1/L VIDEO PANEL WITH PROXIMITY READER (118 x 183 x 49)
9542	FLUSH BOX FOR MILO PANEL - L (143 x 357 x 58)
9543	FLUSH BOX FOR MILO PANEL - S (105 x 172.5 x 63)
9535	MILO IP PROXIMITY READER (118 x 183 x 49)
52750	FERMAX MIFARE PROXIMITY CARD
52740	FERMAX MIFARE PROXIMITY KEYFOB
1490	MEET EXTERNAL DOOR OPENING RELAY
1491	PANEL MODULE 4 RELAY

MONITORS

14701	7" WIT PoE WHITE MONITOR (212 x 132.5 x 20)
14811	10" WIT PoE WHITE MONITOR (270 x 168 x 20)
1489	10" WIT MONITOR FLUSH BOX
952201	7" MIO WHITE MONITOR (210 x 130 x 20)
952701	10" MIO WHITE MONITOR (270 x 168 x 20)
9541	MEET MONITOR CONNECTOR
1616	10 RELAY MODULE

Dimensions: (horizontal) x (vertical) x (depth) mm.

GUARD UNIT

- 9539** MEET GUARD UNIT
- 9540** MEET MANAGEMENT SOFTWARE (USB key)
- 9538** MEET PC PROXIMITY READER

LIFT CONTROL

- 9545** MEET LIFT CONTROL GATEWAY
- 1616** 10 RELAY MODULE

POWER SUPPLY

- 4813** POWER SUPPLY DIN6 100-240Vca/12Vcc-2A



MEET

meet.fermax.com



www.fermax.com