



Leading with purpose and passion



For more than 75 years, our **specialisation in video door entry and access control systems** has been our added value. **Our track record positions us as leaders in the industry**, offering communication and connectivity solutions adapted to any type of project anywhere in the world.

Being part of the **Leading Brands of Spain Forum** reinforces our commitment to excellence and international projection, highlighting our pride in our roots and contributing to the global recognition of Made in Spain brands.

Connecting people and homes with the world

Our presence in **more than 85 countries** reflects the trust our customers place in us, which motivates us to grow, learn and constantly improve.

Our greatest achievement is the team of **more than 500 people** who are part of Fermax and whose work drives our mission and values every day.

Integrity and respect

Customer and result oriented

Effort and teamwork

Corporate Social Responsibility

Sense of belonging and identification with the company's culture Versatility and a permanent attitude of adaptability to change

Commitment to equality, safety, health and environment



The security behind every connection



We work to contribute to the **transformation of cities**, **leveraging the connectivity of our products** to offer new services and businesses to different stakeholders that interact with buildings and homes on a daily basis.

Our technology guarantees **secure communications** through the use of advanced protocols, and our cloud infrastructure allows our products to be updated with new features. In addition, our **manufacturing processes**, **certified with ISO 9001**, and the use of approved components support the quality and reliability of our products.

But our commitment goes beyond technology: we create connected solutions so that everyone can protect their home from anywhere, providing them with security, peace of mind and confidence at all times. This purpose is what defines us as a brand.

Connecting people and homes with the world

Secure communications

Quality and reliability of the production process



Experts in communication, leaders in innovation



Innovation and manufacturing are carried out in our **2 production centres in Valencia**, **Spain**, which allows us to guarantee supply in all circumstances and maintain a permanent stock of spare parts.

Our technological solutions allow for the updating of existing installations without the need for major changes, with **new functions to bring connectivity to all homes.**

In-house R&D + 40 engineers Manufacturing of electronic circuits

Mechanical manufacturing: plastic injection, panel laser-cutting

Assembly and testing

+85% of orders shipped within 24 hours



A green footprint on our path



As manufacturers, we are committed to a circular economy and a production process with the least possible environmental impact through prevention, recycling, reuse of materials and the use of renewable energy.

Our Special Employment Centre (CEEME) guarantees the professional, social and personal inclusion of people with disabilities, promoting their independence through equal and inclusive employment.

With every step we take towards the connectivity of our products, **we contribute** to the development of more sustainable cities, reducing the carbon footprint through technologies that minimise, for example, bounce rates in home parcel deliveries.

Through social, environmental and inclusive initiatives, we work to build a responsible present and a better future for all.

CEEME. Special Employment Centre since 2000 Equality and diversity

Training and talent

Reduction of environmental impact



A world full of **possibilities**

At Fermax, we are committed to innovation and functionality so that you can create unique and technologically customisable spaces.

We offer the technology for comprehensive management of your project and an intuitive, personalised user experience.



We want to open up a world of possibilities for you with technology that allows comprehensive management of your project.

For the connected home, we offer a unique control interface by integrating the video intercom with home automation systems or voice assistants, providing the user with an intuitive, personalised, and simplified experience.

Similarly, we develop solutions for the non-residential sector that combine various communication and management systems in one place, using the existing structured cabling (UTP) infrastructure.

Our connected video door entry systems allow remote management and monitoring from anywhere.

Welcome Connectivity



DUOX PLUS is the first 2-wire video door entry system with fully digital audio and video communication and transmission.

Thanks to the system's power, flexibility, and adaptability, DUOX PLUS enhances the capabilities of any project and allows for future modifications and expansions, regardless of the complexity of the installation.

The system's connectivity allows video intercom calls to be forwarded to a mobile phone via the free DuoxMe app. Users can see who is calling, answer, and open the door from anywhere in the world, simulating that they are always at home. This service is accessible to all homes with Wi-Fi monitors, increasing security and comfort.



The most powerful and fastest 2-wire system to install and program.



Installation using existing wiring.



Consistent quality throughout the installation



Up to 100 blocks and sub-blocks.



Up to 10 panels and 10 guard units at the main entrance.



Up to 10 panels and 10 guard units in each building or block of apartments.



Maximum point to point distance without regeneration: 500m.



2 communication channels within the same block.



Maximum distance between extremes of the installation: 3.000m.



Smart accessories for installations of all sizes.



MEET is a 100% IP technology based on a highly efficient, flexible, and adaptable point-to-point infrastructure.

It offers maximum integration capacity with third parties: from the installation of applications for home automation integration to SIP communication with telephone switchboards and SIP software.

Additionally, it includes a call forwarding service to mobile phones via the free MeetMe app, provided a MEET monitor is installed in the house. The user can communicate with the entrance panels, see who is calling before answering, and open both the main door and a secondary auxiliary door.



FULL IP. MEET does not require central units or servers.



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



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



The system allows a lift management control to provide maximum comfort for users.



MEET offers HD video quality and digital audio ensuring a high-quality communication.



MEET allows the installer to freely assign the range of IP addresses and thus facilitate the control of the networks.













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INDIVIDUAL RESIDENCES AND VILLAS

RESIDENTIAL SECTOR



MARINE Panel

VEO Monitor



VEO-XS and VEO-XL Wi-Fi Monitor

MARINE is a highly resistant and vandal-proof panel made of 316L stainless steel, designed for places with adverse or extreme weather conditions. Its compact and sealed design guarantees an IP65 protection rating against external agents and an IK09 impact resistance rating.

The VEO monitor with handset is the perfect solution for the most costeffective projects or for those seeking a more conservative alternative to handsfree monitors

The **VEO-XS** (4.3") and **VEO-XL** (7")Wi-Fi monitors can connect to the user's Wi-Fi network, allowing them to receive and answer video intercom calls on their mobile phone.

Additionally, it can be integrated into any architectural environment, with options for customisation in colour, size, and composition.

The OnetoOne module, besides offering visual confirmation of the call status through LED lights, also incorporates an **inductive loop** for people with certain hearing aids.

NOTE: All monitors are available in standard and Wi-Fi models.

Call divert to mobile/tablet



Free **DuoxMe** Fermax App

The free **DuoxMe** by Fermax app allows the user to answer video intercom calls directly with their mobile phone from anywhere in the world.

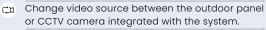


Call reception and conversation.



Door opening protected by the mobile phone unlocking code.

Activation of an additional function protected by the mobile phone unlocking (garage gate or lights) code.



- Automatic image capture with the call.
- Call history.

Compatibility with Google Home and Alexa. Integration with Siri and Apple Watch through shortcuts or with Android widgets.

Video source zoom in/out.



It allows the integration of IP video CCTV cameras into a DUOX PLUS installation. It transforms the IP video signal (standard RTSP) into a DUOX PLUS video signal that is connected directly to the DUOX PLUS bus.

ACCESS CONTROL AND SECURITY







Once activated, the SINGLEKEY remote will emit a signal for 15 seconds until the garage door has



INDIVIDUAL RESIDENCES

AND VILLAS **RESIDENTIAL SECTOR**







KIN includes as standard a capacitive touch screen, facial recognition, electronic directory, proximity reader and alphanumeric code.



A unique and elegant panel with one pushbutton for making direct calls to the house or to the guard unit.



Greater security by integrating with the main IP cameras on the market.

It is possible to view the different panels and cameras of the system on the monitors, as well as at the guard unit and on users' mobile devices.

WIT 10" and WIT 7" Monitor





Integration with the main home automation systems on the market.

WIT is the best aesthetic and technological option as it integrates with the home automation system by loading apps onto the monitor. Available with a 7" or 10" touch screen and in white or black colours

ACCESS CONTROL AND SECURITY



Once activated, the SINGLEKEY remote will emit a signal for 15 seconds until the garage door has opened.

Call divert to mobile/tablet



Free service included as standard.



With **MeetMe**, receiving calls on your mobile comes as standard, provided a monitor is installed in the home. This allows the user to see who is calling before answering video intercom calls, and open the door.

The user simply needs to download the free MeetMe app from Google Play or Apple Store and link the MeetMe licence (provided with the monitor*) to the user account.

It is only necessary to connect the MEET IP network to the Internet.

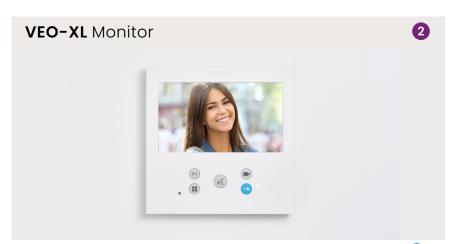
- Up to 8 mobiles from the same apartment.
- Viewing additional cameras during a call (up to 4) (ref. 9985).
- Do not disturb mode for the app.
- · Video source zoom in/out.
- Additional relay and lift activation optionally.
- Guest management (up to 5 users).
- * MeetMe licence can also be purchased separately ref. 1496

To make use of the call divert system with MeetMe it is mandatory to have at least a MEET call panel in the installation.





The CORA panel represents the evolution and the centre of connection for buildings and homes. Designed to stand out for its quality, aesthetics, and features. It is equipped with the most advanced technology to deliver the best experience.



CONNECTIVITY FOR ALL. The VEO, VEO-XS, and VEO-XL Wi-Fi monitors allow video intercom calls to be diverted to the mobile phone thanks to the DuoxMe App.

In addition to call divert, other functions are included such as the integration of the app with voice assistants (Siri / Alexa / Google Home).



It is possible to install auxiliary CCTV cameras to view visitors from different angles before opening the door or to verify that they follow the correct path to the entrance.



The VEO WiFi video guard unit allows bidirectional communication between the guard unit and the homes or outdoor panels, preventing unwanted calls (postman, advertisements) from being diverted to the home, thanks to its 3 operating modes (day/mixed/night).

It allows the concierge to divert video door entry calls to mobile phones.

Call divert to mobile/tablet

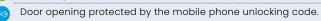


Free **DuoxMe** Fermax App

The free **DuoxMe** by Fermax app allows the user to answer video intercom calls directly with their mobile phone from anywhere in the



Call reception and conversation.

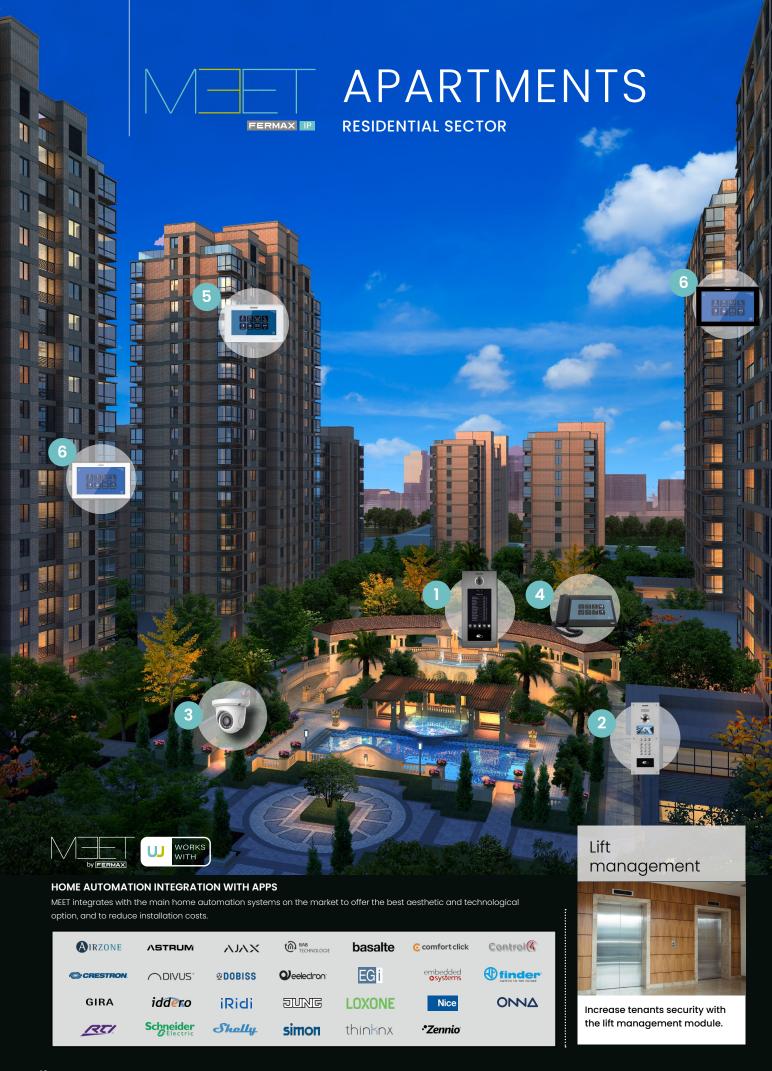


- Activation of an additional function protected by the mobile phone unlocking (garage gate or lights) code.
- Change video source between the outdoor panel or CCTV camera integrated with the system.
- Automatic image capture with the call.
- 0 Call history.

Compatibility with Google Home and Alexa.

Integration with Siri and Apple Watch through shortcuts or with Android widgets.

Video source zoom in/out.





Thanks to the integrated electronic directory, visitors can better find the apartment they wish to call with practical and accurate navigation. It also includes advanced security features, such as facial recognition and access management.



The MARINE vandal-proof panel is made of 316L stainless steel and guarantees protection against external agents with an IP65 rating and impact resistance with an IK09 rating.





The IP guard unit increases the security and comfort of the residential area by managing communication with the homes and building alarms from a single point.



NEO manages up to 7 alarm zones.

It offers a simple and intuitive user experience thanks to its capacitive touch screen. It allows intercommunication between monitors within the same home and manages up to 7 alarm zones depending on the selected mode (Home/Away/Night). Alarms are notified to the IP guard unit. It is possible to activate up to 8 external relays (ref. 1616).



Integration with the main home automation systems on the market.

WIT is the best aesthetic and technological option as it integrates with the home automation system by loading apps onto the monitor. Available with a 7" or 10" touch screen and in white or black colours.

Call divert to mobile/tablet





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. You can see who is calling before answering.

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

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

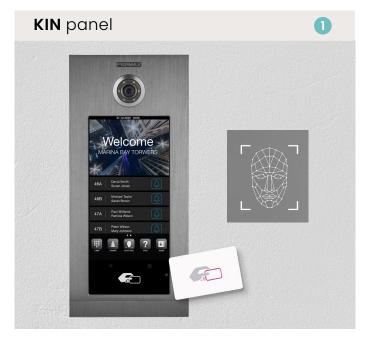
To make use of the call divert system with MeetMe it is mandatory to have at least a MEET call panel in the installation.



UNIVERSITY RESIDENCES AND SENIOR LIVING

NON-RESIDENTIAL SECTOR





MARINE SIP PANEL AREA OF REFUGE

The electronic directory can be customised with the company's corporate image by selecting the design, colour, and typography.

Additionally, it includes advanced security features as standard, such as access via facial recognition and RFID.

It is possible to customise the MARINE panel in red for installation in refuge areas, particularly in spaces designed for people with reduced mobility.

The panel not only communicates with the outside but also transmits high-resolution audio and video to an emergency call reception station.





The IP guard unit increases the security and comfort of the residential area by managing communication with the homes and building alarms from a single point.



In Senior Living buildings, the monitor itself includes an SOS icon in the menu so that the resident can alert the nursing station or medical service.



Call divert to mobile/tablet







With MeetMe, receiving calls on your mobile comes as standard, provided a monitor is installed in the home. This allows the user to see who is calling before answering video intercom calls, and open the door.

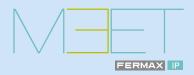
The user simply needs to download the free MeetMe app from Google Play or Apple Store and link the MeetMe licence (provided with the monitor*) to the user account.

It is only necessary to connect the MEET IP network to the Internet.

- Up to 8 mobiles from the same apartment.
- Viewing additional cameras during a call (up to 4) (ref. 9985).
- Do not disturb mode for the app.
- · Video source zoom in/out.
- Additional relay and lift activation optionally.
- Guest management (up to 5 users).

* MeetMe licence can also be purchased separately ref. 1496

To make use of the call divert system with MeetMe it is mandatory to have at least a MEET call panel in the installation.



HOSPITALS AND HEALTH CARE CENTRES

NON-RESIDENTIAL SECTOR







MILO panel FERMAX



Panel with a touch keypad for smooth and precise use to meet different requirements. customer Possibility to upload a custom image (e.g. image of a property development, company logo...) as part of the carousel of images displayed on the screen.



The MARINE ELITE panel with SIP technology can be customised and adapted to the customer needs, allowing the choice of colour and the inclusion of laser engraving to mark areas such as restrooms, the ICU, or refuge zones.



The guard unit centralises information from various departments (operating room, ICU, refuge areas, restrooms), enabling direct communication with the nursing staff.

Compatible with call divert to MeetMe app from the guard unit.

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.

ACCESS CONTROL AND SECURITY



MEET can be integrated with FERMAX AC-MAX access control system, as well as with existing IP cameras to enhance the security of the premises.

Choose the most convenient access control method (proximity/keypad/LPR...)











OFFICES AND CO-WORKING SPACES







INTEGRATION WITH PBX AND SOFTPHONES

with the telephone system, allowing calls to be made directly to the required telephone extensions.













KIN panel





The electronic directory can be customised with the company's corporate image by selecting the design, colour, and typography.

Additionally, includes advanced security features as standard, such as access via facial recognition and RFID.

MEET guard unit





The guard unit centralises the information of the various departments, allowing direct communication with the control

Compatible with call divert to MeetMe app from the guard unit.



MEET saves installation time by using existing IP network or easily enabling new network points in any other location in the building where they do not exist. Additionally, the devices are POE, simplifying their power supply by using the network cable itself.

Access control and security





The RFID readers incorporated in the MEET panels can be connected to control centres thanks to the Wiegand output, allowing integration with other access control or presence systems.

Call divert to mobile/tablet





With MeetMe licenses, security and concierge staff can answer and manage calls and alerts from their mobile phones if they are not at the control post.

SIP compatibility









Thanks to the SIP protocol, it is possible to answer the calls and open the office door from the MEET video intercom or from Microsoft TEAMS application, regardless of whether the call is made on-site or remotely via the internet.

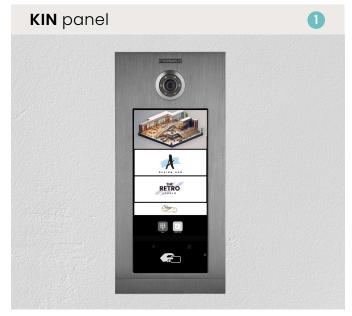
The switchboard IP Video Phone (SIP) can directly forward the call from the panel to other terminals, such as the receptions of the different companies located in the co-working space.



RETAIL, STORES AND SHOPPING CENTRES

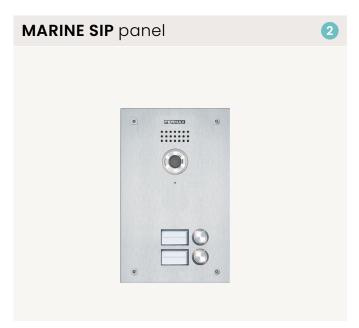
NON-RESIDENTIAL SECTOR





The electronic directory can be customised with the company's corporate image by selecting the design, colour, and typography.

Additionally, it includes advanced security features as standard, such as access via facial recognition and RFID.



With IP technology and available in 1 to 5 push buttons models, it allows calls to monitors or SIP telephones, even from different locations. The MARINE SIP panel provides the necessary robustness for installations and extreme environments. Stainless steel provides the panel with IP65 protection against external agents and an IK09 impact resistance rating



The guard unit centralises the information of the various departments, allowing direct communication with the control centre. Compatible with call divert to MeetMe app from the guard unit.



MEET can integrate with $\operatorname{\mathbf{CCTV}}$ systems cameras to complete the image captured by the panel's camera, even when it is idle.

ACCESS CONTROL AND SECURITY



Security in the warehouse or supervision rooms can be enhanced with exclusive access for authorised personnel using fingerprint, keypad, proximity key fob, or a combination of these.

MEET can be integrated with FERMAX AC-MAX access control system, as well as with existing IP cameras.







HOTELS AND RESORTS

NON-RESIDENTIAL SECTOR



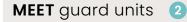
MAIN ENTRANCE

KIN panel



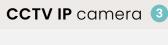
The KIN panel allows complete customisation of the electronic directory (images, logo, colour, typography), and can include welcome information and icons to directly select the call destination.

RECEPTION STATION











Calls can be answered from the various guard units in the complex and forwarded to a mobile phone via the MeetMe App.

MEET can be integrated with IP CCTV cameras, allowing the staff to view images from up to 8 cameras on the MEET monitor.

PREMIUM ROOMS

WIT Monitor









From the main screen, the user can communicate with hotel staff and adjust room parameters, such as climate, thanks to MEET's compatibility with thirdparty systems

STAFF CALL RECEPTION

Call divert to mobile/tablet





With the MeetMe application, the call can be answered by the concierge or the catering staff. The app can be accessed from a mobile phone connected to the hotel's Wi-Fi (with internet access).

CALLING POINTS FOR SERVICES















MARINE SIP AUDIO panel





Its use makes it suitable for installation inside the cell, so that in case of any need, the inmate can communicate with the module's security point. If there is no response, the call can be forwarded to the general call reception desk.

The panel is installed in a flush-mounted box and screwed to it with security Torx screws to make removal difficult.

MARINE SIP AUDIO panel





In general access points, MARINE vandal-proof panels with SIP technology can be installed, allowing differentiated calls to the control center, offices, or supplier reception.

Available in models with 1 to 5 buttons, the destination of the calls can be indicated through laser engraving for greater durability.

MEET Security Guard Unit





Communications from all the cells in a module can be centralised to a single guard unit. If the call is not answered, it can be forwarded to the main guard unit.

Compatible with call divert to MeetMe app from the guard unit.

CCTV IP camera





MEET can be integrated with IP CCTV cameras, allowing the staff to view images from up to 8 cameras on the MEET monitor.

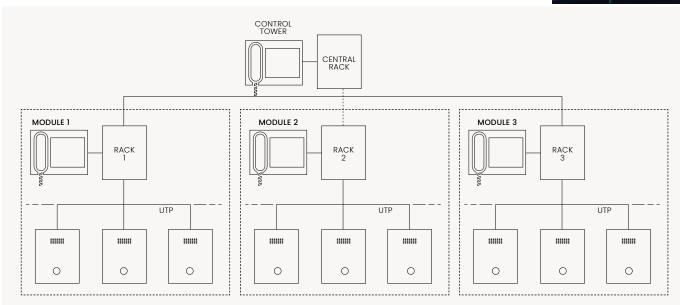


Installation typology

All cell intercoms are connected and powered by PoE from the module's telecommunications rack using UTP cable, eliminating the need for additional power sources. The maximum distance from this rack to the cells is 100m. The module's security point, where the call reception station is located, will also be connected to this rack. The racks can be interconnected via fibre optic.

In the control tower, a reception station will be located to handle unanswered calls from the module. This station will connect to the control tower's telecommunications rack, which will also be linked to the different modules of the prison.





INDUSTRY / LOGISTICS

NON-RESIDENTIAL SECTOR









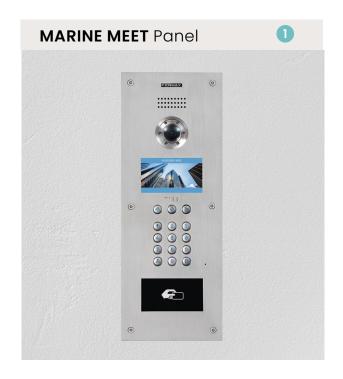
SECURITY INTEGRATION

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

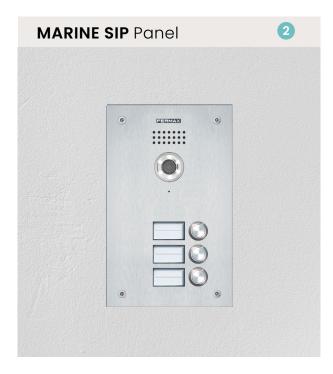


Genetec

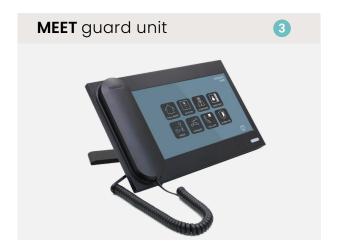
LANACCESS



The MARINE vandal-proof panel is made of ANSI 316L stainless steel and guarantees protection against external agents with an IP65 rating and impact resistance with an IK09 rating.



Available in 1 to 5 pushbuttons models, with direct call, MARINE SIP can be integrated with IP telephony systems thanks to its compatibility with the native SIP protocol.



The guard unit centralises information from the various entrances to the logistics centre, allowing communication and the opening of different loading docks.



MEET can integrate with CCTV systems to complete the image captured by the panel's camera, even when it is idle.

ACCESS CONTROL AND SECURITY



MEET can be integrated with FERMAX AC-MAX access control system, as well as with existing IP cameras to enhance the security of the premises.













AROUND THE WORLD





Delfin Tower - Spain

Fabrica 1921 - Portugal





Pozuelo student residence - Spain

The Landings - Ireland



These are some examples of our reference projects around the world where FERMAX products have been installed to welcome millions of people.





El Limonar - Spain



The Icon - Colombia

TRIPLE LIVING

Triple living - Belgium



NOTAS





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DOCUMENTATION FOR THE PROFESSIONAL CUSTOMER



SOLUTIONS CATALOGUE



DUOX PLUS CATALOGUE



DUOX PLUS TECHNICAL GUIDE



MEET CATALOGUE



SKYLINER
The wizard to create
your Skyline panels.



TENDER SPECS



MARINE ELITE LEAFLET



WEB MEET by FERMAX



GLOBAL PROJECTS
Project Management
Assistant



PROELITE
The wizard to create
your Marine panels.

