



MTM



Impact
resistance
rating



Version
for the
hearing
impaired



Water
and dust
protection
rating

IK09 CERTIFIED VANDAL-PROOF RATING



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MTM is the modular video door entry panel developed to offer a range of products suitable for all different needs. 32 different modules for infinite combinations!

The essential and refined design makes MTM the perfect entry panel on any surface and building, from a single home to large residential or office settings.

The anodized and satin-finished aluminum front panel guarantees brilliance and durability.

The HD resolution camera is equipped with HDR (High Dynamic Range) technology and high efficiency illuminator with anti-glare diffuser.

The basic frame can accommodate 1 to 4 modules, but several frames can be connected to make very complex devices, up to a maximum of 12 additional modules depending on the type (see technical manual).

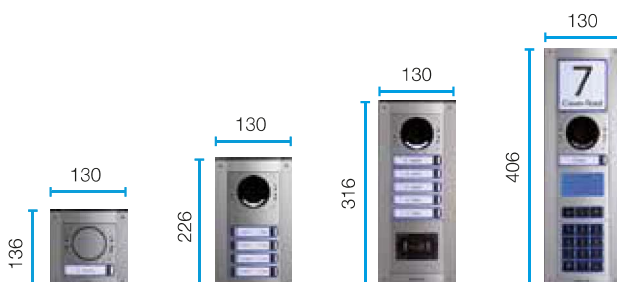
MAIN FEATURES

MTM

- Satin finish anodized aluminum front panel
- IK07 protection rating against knocks
- Up to 98 calls with buttons
- Unlimited digital calls
- Innovative front panel without speaker holes
- Two-tone button backlight (blue/white)
- Backlight intensity adjustment
- Direct connection of analog camera (audio X1)
- Mini USB port for PC connection, software programming and firmware update

MTM VR

- IK09 certified vandal-proof rating
- Zamak frame and cover
- Strong shatter-proof buttons
- Anti-burglary screws



Recess-mounting

Thickness 13 mm
(16 mm MTM VR version)

Wall-mounting

64 mm thick



DIGITAL DIALLING

The display lets you view up to 7,200 names in the address book. When programming, you can choose the best search mode according to the number of users, i.e. a scroll list or an alphabetic block search.



BUTTON COMPOSITION

On the call module you can add the front panel with the number of buttons you need. So you can forget about any caps and buttons, while keeping the composition flexible. Front panels with 2, 3, 4 and 8 buttons available.

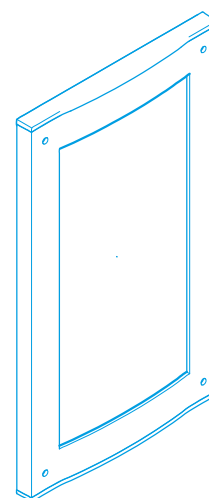
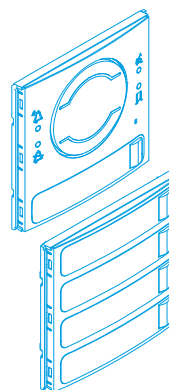
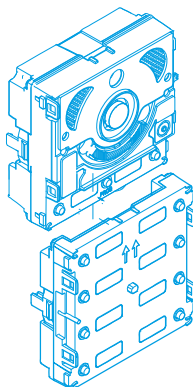
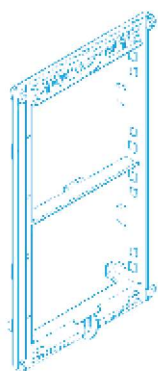
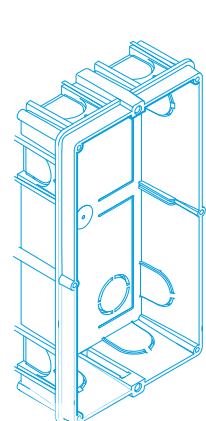


ACCESS CONTROL

The MTM range also includes 2 modules specifically for access control, one that is keypad operated and the other RDIF reader operated. Both modules are fitted with 2 on-board relay switches and 2 inputs for direct activation of the relay switches.

RECESS BOX

Available for the various entry panel versions, from 1 to 4 modules, depth 48 mm.



FRAME

Aluminum module-holder profile with cathoresis treatment and black paint coating to ensure high levels of endurance against corrosion and rust. Compatible with BTicino, Comelit and Urmet recess-mounting boxes.

ELECTRONIC MODULES

Snap-in installation with no screw needed. Simple wiring among the modules. No chance of error thanks to the polarized connectors.

FRONT PANELS

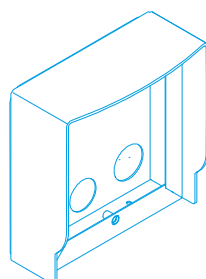
Front panels ready for use, as they are pre-configured and need no additional buttons or caps. Outer side made of satin-finish aluminum with sturdy internal structure to achieve IK07 protection rating for the standard outer panel.

OUTER FRAME

The closing frame is sleek and essential, entirely made of satin-finished aluminum.

WALL-MOUNTING BOXES

A wall-mounting box is available when recess-mounting isn't an option.



COMPLETE RANGE

Code - ID Description

Electronic video modules for X1 systems

117699
MTMV/01

Video entry module for X1 system.

Electronic module with technopolymer body and 2 call buttons with double backlit name tags (blue or white). PAL/NTSC video camera sensor with 680 x 512 pixel resolution and integrated microprocessor for digital signal processing. WIDE EYE lens with 100° aperture horizontally and 82° vertically and digital zoom adjustment. Even illumination of the subject with 2 high-efficiency white LEDs and anti-glare diffuser. Featuring a local control for electric lock, auxiliary contact (1A, 30V max.), inputs for door opener button and for door status indication (programmable I/O), output for activation of outdoor cameras (programmable I/O). The front is equipped with LEDs for visual indication of the system status. Adjustment of microphone and speaker sound volume and of the electric lock activation time. Manual or PC programming via MINI USB connector on the front. To complement with a video entry system front panel. When combined with the corresponding front panel, it ensures IP54 water and dust protection rating.



Electronic video modules for XIP systems

117809
MTMV/08

Video entry module for XIP system.

Electronic module with technopolymer body and 2 call buttons with double backlit name tags (blue or white). PAL/NTSC video camera sensor with 680 x 512 pixel resolution and integrated microprocessor for digital signal processing. WIDE EYE lens with 100° aperture horizontally and 82° vertically and digital zoom adjustment. Even illumination of the subject with 2 high-efficiency white LEDs and anti-glare diffuser. Featuring a local control for electric lock, auxiliary contact (1A, 30V max.), inputs for door opener button and for door status indication (programmable I/O), output for activation of outdoor cameras (programmable I/O). Dip-switch for adapting the line impedance. The front is equipped with LEDs for visual indication of the system status. Adjustment of microphone and speaker sound volume and of the electric lock activation time. Manual or PC programming via MINI USB connector on the front. To complement with a video entry system front panel. When combined with the corresponding front panel, it ensures IP54 water and dust protection rating.



Electronic video modules for IP360 systems

117804
MTMV/IP

Video entry module for IP360 system.

Electronic module with technopolymer body and 2 call buttons with double backlit name tags (blue or white). Video camera sensor with HD 1280 x 720 pixels resolution and HDR technology, plus integrated microprocessor for digital signal processing. ULTRA WIDE EYE lens, with 130° aperture horizontally and 95° vertically and digital zoom adjustment. Even illumination of the subject with 2 high-efficiency white LEDs and anti-glare diffuser. Featuring a local control for electric lock, auxiliary contact (1A, 30V max.), inputs for door opener button and for door status indication (programmable I/O), output for activation of outdoor cameras (programmable I/O). RJ45 port for network connection, PoE or local power supply. The front is equipped with LEDs for visual indication of the system status. Integrated web server for configuration and firmware updates. Manual programming option. To complement with a video entry system front panel. When combined with the corresponding front panel, it ensures IP54 water and dust protection rating.









Modules for X1 and XIP systems

117802
MTM8C

8-button call module for the X1 and XIP systems

Electronic module with technopolymer body, 8 call buttons and 16 LEDs for double backlit name tags (blue or white). LED color and brightness adjustment through the main modules. To complement with button front-plate. When combined with the corresponding front panel, it ensures IP54 water and dust protection rating.



Code - ID	Description	
Electronic expansion modules		
117805 MTMKB	Digital call keypad module Electronic module with technopolymer body and 12-button alphanumeric keypad with double backlit keys (blue or white). LED color and brightness adjustment through the main modules. Buttons 0 to 9 for entering the code and 2 other buttons for the main functions: call activation and access code confirmation. To complement with digital call module front panel. When combined with the corresponding front panel, it ensures IP54 water and dust protection rating.	
117806 MTMDY	Display module. Electronic module with technopolymer body and blue or white backlit LCD display. Color and brightness adjustment from the menu or via the main modules. Allows you to display a contact list with up to 7,200 names and search in scroll mode or alphabetic block mode. Allows direct calling to the receivers through the central button. To complement with display front module. When combined with the corresponding front panel, it ensures IP54 water and dust protection rating.	
117807 MTMRFID	RFID access control module. Electronic module with technopolymer body equipped with RFID reader and 13.56 MHz Mifare technology, and blue or white backlight. LED color and brightness adjustment through the main modules. It allows badges/tags to be added and removed directly from the reader itself or via a PC tool. Independently manages up to 6,500 proximity cards. Sound and visual indication of the status (access allowed/denied) through buzzer and indication LED (green/red). It can be installed either in standalone mode or with the XIP or IP360 system via CAN bus. It is equipped with 2 relay contacts for gateway opening and 2 inputs for the direct activation of the relays. To complement with RFID front module. When combined with the corresponding front panel, it ensures IP54 water and dust protection rating.	
118269 MTMMI	Information module. Electronic module with technopolymer body equipped with double backlit information tag (blue or white LED). Adjust color and brightness by using the main modules. To complement with information module front-plate. When combined with the corresponding front panel, it ensures IP54 water and dust protection rating.	
118325 MTMMC	Blind module with front panel. Module with technopolymer body and blind front panel made of natural anodized satin aluminum. IK07 impact resistance rating and IP54 water and dust protection rating.	
118500 MTMNA	Access control keypad module. Electronic module with technopolymer body and 12-button alphanumeric keypad with double backlit keys (blue or white). LED color and brightness adjustment through the main modules. Buttons 0 to 9 for entering the code and 2 other buttons for confirming. It autonomously manages up to 3,500 numeric codes. Sound and visual indication of the status (access allowed/denied) via buzzer and keys backlighting (green/red). It can be installed either in standalone mode or with the XIP or IP360 system via CAN bus. It is equipped with 2 relay contacts for gateway opening and 2 inputs for the direct activation of the relays. To complement with access control keypad front module. When combined with the corresponding front panel, it ensures IP54 water and dust protection rating.	

117699

MTMV/01



PLUS

- 2 double backlit call buttons (blue or white) with intensity adjustment
- 2 controls for electric lock and auxiliary control (1A, 30V max)
- LED pictograms for status indications: door opening, active communication, call in progress and system busy
- PAL/ NTSC video camera sensor with VGA 680 x 512 pixel resolution
- Microprocessor for digital signal processing that improves performance in all conditions
- WIDE EYE lens with 100° aperture horizontally and 82° vertically and digital zoom adjustment
- High efficiency LED illuminator with adjustable intensity and anti-glare diffuser
- Output for activation of external cameras (programmable I/O)
- Adjustable speaker, microphone and electric lock
- It can be manually programmed.
- Mini USB port for PC connection, software programming and firmware update
- To complement with video entry system front panel to obtain IP54 water and dust protection rating.



117809

MTMV/08



PLUS

- 2 double backlit call buttons (blue or white) with intensity adjustment
- 2 on-board controls: electric lock and auxiliary control (1A, 30V max)
- LED pictograms for status indications: door opening, active communication, call in progress and system busy
- PAL/ NTSC video camera sensor with VGA 680 x 512 pixel resolution
- Microprocessor for digital signal processing that improves performance in all conditions
- WIDE EYE lens with 100° aperture horizontally and 82° vertically and digital zoom adjustment
- High efficiency LED illuminator with adjustable intensity and anti-glare diffuser
- Output for activation of external cameras (programmable I/O)
- Adjustable speaker, microphone and electric lock
- It can be manually programmed.
- Mini USB port for PC connection, software programming and firmware update
- Dip-switch for adapting the line impedance
- To complement with video entry system front panel to obtain IP54 water and dust protection rating.



TECHNICAL FEATURES

MODELS	MTMV/01	MTMV/08
Dimensions (mm)	85 x 85 x 35	85 x 85 x 35
Packaging dimensions (mm)	156 x 57 x 110	156 x 57 x 110
Power supply (V)	16 ÷ 18 DC	14 ÷ 18 DC
Consumption in stand-by mode (mA)	70	30
Maximum consumption (mA)	220	120
Operating temperature (°C)	-25 to +55	-25 to +55
Protection rating (IP)	54	54
Video standard	PAL/NTSC	PAL/NTSC

PLUS

- 2 double backlit call buttons (blue or white) with intensity adjustment
- 2 on-board controls: electric lock and auxiliary control (1A, 30V max)
- LED pictograms for status indications: door opening, active communication, call in progress and system busy
- Camera sensor with 1280 x 720 pixel HD resolution and HDR technology
- Microprocessor for digital signal processing that improves performance in all conditions
- ULTRA WIDE EYE lens, with 130° aperture horizontally and 95° vertically and digital zoom adjustment
- High efficiency LED illuminator with adjustable intensity and anti-glare diffuser
- HD resolution and High Dynamic Range (HDR) technology for better light/dark performance
- Output for activation of external cameras (programmable I/O)
- Adjustable speaker, microphone and electric lock from PC
- RJ45 port for network connection
- Integrated web-server for configuration, firmware updates and control via browser
- Network connection via standard SIP protocol
- H.264 video codec, G711 audio codec
- Local or PoE (Powered over Ethernet) power supply
- To complement with video entry system front panel to obtain IP54 water and dust protection rating.



TECHNICAL FEATURES

MODELS	MTMV/IP
Dimensions (mm)	85 x 85 x 35
Packaging dimensions (mm)	156 x 57 x 110
Power supply (V)	12 ÷ 24 DC
PoE power supply	IEEE 802,3af
Consumption in stand-by mode (mA)	70
Maximum consumption (mA)	250
Operating temperature (°C)	-25 to +55
Protection rating (IP)	54
Video standard	H.264



PLUS

- 8-button module
- Backlit badge holders (blue LED).
- Only compatible with the X1 and XiP System audio entry system module
- To complement with push-button front panel to obtain IP54 water and dust protection rating.



TECHNICAL FEATURES

MODELS	MTM8C
Dimensions (mm)	85 x 85 x 35
Internal dimensions (mm)	-
Packaging dimensions (mm)	156 x 57 x 110
Power supply (V)	14 ÷ 18 AC
PoE power supply	-
Consumption in stand-by mode (mA)	15
Maximum consumption (mA)	15
Operating temperature (°C)	-25 to +55
Protection rating (IP)	54

PLUS

- Hearing impaired and voice synthesis module
- Speaker for system multilingual voice messages playback.
- It integrates an audio-frequency induction system for hearing aids, in the “T” position (teleloop)
- Manual or PC tool programming
- To complement with hearing aid module front panel to obtain IP54 water and dust protection rating.



117805
MTMKB

PLUS

- Keypad module for digital call and access control code entering
- 12-button alphanumeric keypad with double backlit keys (blue or white)
- LEDs color and brightness adjustment using the main modules
- Key 0 to 9 for entering the code
- 2 buttons for main functions: call activation and access code confirmation
- To complement with digital call module panel to obtain IP54 water and dust protection rating.



TECHNICAL FEATURES

MODELS	MTMBFVS	MTMKB
Dimensions (mm)	85 x 85 x 35	85 x 85 x 35
Internal dimensions (mm)	-	-
Packaging dimensions (mm)	156 x 57 x 110	156 x 57 x 110
Power supply (V)	10.7 ÷ 18 DC	10.7 ÷ 18 DC
PoE power supply	-	-
Consumption in stand-by mode (mA)	20	20
Maximum consumption (mA)	55	55
Operating temperature (°C)	-25 to +55	-25 to +55
Protection rating (IP)	54	54

117806

MTMDY



PLUS

- Blue or white backlit LCD display module
- Color and brightness adjustment from the menu or via the main modules.
- It allows viewing up to 7,200 names in the address book.
- Search in scroll mode or alphabetic block mode
- It allows direct calling to the receivers through the central button.
- To complement with display module panel to obtain IP54 water and dust protection rating.



117807

MTMRFID



PLUS

- RFID access control module with Mifare technology (13.56 MHz)
- Blue or white backlight
- Color and brightness adjustment using the main modules.
- It allows badges/tags to be added and removed directly from the reader or via a PC tool
- It independently manages up to 6,500 proximity cards.
- Sound and visual indication of the status (access allowed/denied) through buzzer and buttons backlight (green/red).
- CAN BUS connector for connection to XiP or IP360 system
- 2 relay contacts for opening gates and 2 inputs for direct activation of the relays.
- To complement with RFID module front panel to obtain IP54 water and dust protection rating.



TECHNICAL FEATURES

MODELS	MTMDY	MTMRFID
Dimensions (mm)	85 x 85 x 35	85 x 85 x 35
Internal dimensions (mm)	-	-
Packaging dimensions (mm)	156 x 57 x 110	156 x 57 x 110
Power supply (V)	10.7 ÷ 18 DC	12 ÷ 24 DC
PoE power supply	-	-
Consumption in stand-by mode (mA)	55	35
Maximum consumption (mA)	250	90
Operating temperature (°C)	-25 to +55	-25 to +55
Protection rating (IP)	54	54

PLUS

- Information module
- Backlit information tag (blue or white LED)
- Color and brightness adjustment using the main modules.
- To complement with information module front panel to obtain IP54 water and dust protection rating.



118325
MTMMC

PLUS

- Blind module
- Blind front panel made of natural anodized satin finish aluminum.
- IK07 impact resistance rating and IP54 water and dust protection rating



TECHNICAL FEATURES

MODELS	MTMMI	MTMMC
Dimensions (mm)	85 x 85 x 35	85 x 85 x 35 95 x 90 x 10
Internal dimensions (mm)	-	85 x 85 x 32
Packaging dimensions (mm)	156 x 57 x 110	156 x 57 x 110
Power supply (V)	10.7 ÷ 18 DC	-
Maximum consumption (mA)	25	-
Operating temperature (°C)	-25 to +55	-
Protection rating (IP)	-	54
Color	-	Satin finish natural anodized aluminum



PLUS

- Keypad module for access control.
- 12-button alphanumeric keypad with double backlit keys (blue or white)
- LEDs color and brightness adjustment using the main modules
- Buttons 0 to 9 for entering the code and 2 other buttons for confirming.
- It manages up to 3,500 numeric codes.
- Sound and visual indication of the status (access allowed/denied) through buzzer and buttons backlight (green/red).
- CAN BUS connector for connection to XIP or IP360 system
- 2 relay contacts for opening gates and 2 inputs for direct activation of the relays.
- Manual or PC tool programming
- To complement with access control front panel with keypad module to obtain IP54 water and dust protection rating.

TECHNICAL FEATURES

MODELS	MTMNA
Dimensions (mm)	85 x 85 x 35
Internal dimensions (mm)	-
Packaging dimensions (mm)	156 x 57 x 110
Power supply (V)	12 ÷ 24 AC/DC
PoE power supply	-
Consumption in stand-by mode (mA)	35
Maximum consumption (mA)	90
Operating temperature (°C)	-25 to +55
Protection rating (IP)	54