





### MTM THE NEW RANGE OF MODULAR VIDEO ENTRY

# CAME **T**

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### MTM IS NOW HERE: THE ENTRY PANEL THAT GOES BEYOND Z

It's been a challenging project, but after analyzing, planning, researching and developing, we've reach our goal: to create the most **complete modular range** on the market.

No more compromises. With **MTM** you can create all the solutions you want.





### WHY GO MODULAR? POINT SURFACE

Choosing **MTM** means choosing a product made specifically for you and your needs. We've worked hard to make it simple, yet versatile and suitable to all, **from small residential systems to large urban** 

#### **compounds.** To achieve these results we started from

four key elements that have stayed with us for the entire project.

- Sleek
- Versatile
- Modular
- High-tech •

These elements blend to create a new entry panel, a cutting-edge solution designed to enhance your business, which provides countless functions for you and your customers.

#### DESIGN

Essential and functional. The satin-aluminum finish makes this entry panel ideal for installing on any surface.

The attention to details such as sound diffusion via camera lens speakers, two-color backlighting and much more makes MTM unique.

#### VERSATILITY

systems everyday. Some may be simple while other can be complex. We want to simplify complexity. That's why we've blended all of our systems into this range. Two wires, multiwired or IP, from any system you need, we have the solution for you.



Easy to install, custom solutions and endless combinations. That's what MTM is about. Set up your very own entry panel, change it at will, add new functions and open the doors to communication.

#### TECHNOLOGY

A blending of the best technology and extensive experience really stands out in each module of the range. Each functions is designed

Each functions is designed in extreme detail to fully meet your needs.

### MTM OR MTM VR, WHICH SIDE ARE YOU ON?

The perfect choice, always. Anodized and satin-finished aluminum profile and frontpieces make it uniquely sturdy and sleek.

Double backlighting is a plus: choose what you prefer between blue or white.

Protection rating **IP54** and **IK07** make it **shock resistant and water and dust proof.** 

Available with a handy **rain hood,** for both the recess-mounting and wall-mounting boxes.









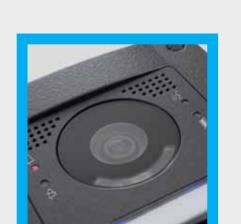


And if that isn't enough, choose **MTM VR, the vandal-resistant version.** Profile and frontpieces made entirely of Zamak, **crushproof buttons** and **custom screws**.

We are offering you the best in durability while keeping all of the benefits provided in our standard version.

Protection rating **IP54** and **IK09** level shock-resistance.

MTM VR







### DOUBLE SOLUTION

### **RECESS-MOUNTED**

Just **13 mm thick,** by installing an **MTM** recessmounting **plaque** you will only notice it because of its **looks.** A great advantage and its compatibility with our competitors' recess-mounting boxes.\*



Width: 130 mm

#### Rain hood



Width: 136 mm



Thickness: 13 mm



Thickness: 34 mm

### WALL-MOUNTED

When the recess-mounting installation is not doable, you can opt for our wall-mounting box. Its **64 mm thickness** provides high level protection from **shock** and **water damage,** thanks to its **rain hood**.

#### Rain hood





Width: 135 mm

Thickness: 64 mm

### FROM 1 TO 4 MODULES

### 1, 2, 3... and from today 4.

Set up an entry panel with an additional module. In **40 centimeters** we give you the chance to set up a **4-module** entry panel. Add all the functions you need. Never again give up due to lack of space.



Model with one module



Model with two modules



Model with three modules

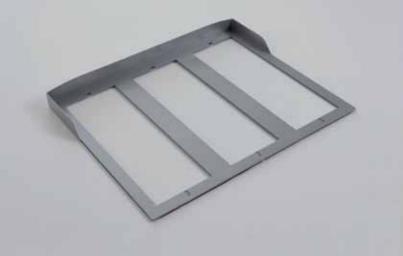


106 mm

Model with four modules

#### AND FOR THOSE THAT THINK BIG...

Up to 6 or 9 horizontally and vertically composed modules.





### INSTALLING MTM? QUICK AND EASY

There are **5 components** that make up the entry panel: the **recess** or **wall-mounting box**, the **frame**, the **electronic module**, the **frontpiece** with **outer frame**.

No additional buttons or caps. **Maximum flexibility** is achieved through the **frontpieces**.

**RECESS-MOUNTING BOX** Available for the various entry panel versions, from 1 to 4 modules, depth 48 mm. 1 WALL-MOUNTING BOX A wall-mounting box is available when

recess-mounting is not

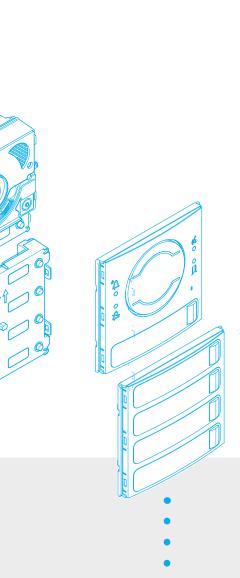
possible.

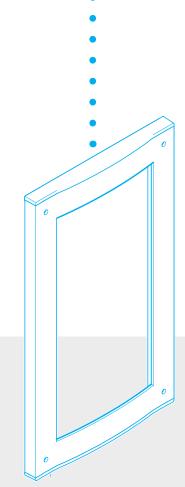
#### **ELECTRONIC MODULES**

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

#### **OUTER FRAME**

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





#### FRAME

Aluminum module-housing profile with cataphoresis treatment and black paint coat to ensure high levels of endurance against corrosion and rust. Compatible with BTicino,Comelit and Urmet recessmounting boxes.

#### FRONT PIECES

Ready-to-use frontpieces, in that they are already configured and need no extra buttons or caps. Outer side made or satin-finish aluminum and solid sturdy inner structure to achieve an IK07 rating for th entry panel.

### VERSATILE: CHOOSE THE SYSTEM BEST SUITED TO YOU





There are **5 available systems:** choose the most **suited to your needs.** 

This makes our modular range highly versatile, suited for both small residential systems as well as complex video entry installations.

Especially suited for **restored** buildings where system rewiring is not required.







#### FROM THE TOWNHOUSE TO THE APARTMENT BLOCK.

X1 is a system that can be expanded to up to 98 receivers. It can meet any installation requirements. The system can be integrated with **auxiliary video cameras, access control, remote actuators** and more.

#### FROM SINGLE HOMES TO LARGE RESIDENTIAL COMPOUNDS.

**XIP** is a mixed system that used the **IP digital network** as a main structure for communicating among video entry blocks, while maintaining the traditional **analog connecting** towards entry panels and receivers. This choice makes for easy installation of the equipment and significantly augments the system's expansion potential. The system can integrate both the **access-control** and **door-answering modes** to complete the **XIP**'s main functions.

### FOR THE MOST MODERN RESIDENTIAL, BUSINESS, INDUSTRIAL AND SERVICE SETTINGS.

All the devices of the **IP360** system can be directly **connected to preexisting LANs** to add video entry functions with no need for specific wiring. The **IP360** uses the **Ethernet distribution** as its main communication structure and thanks to this it ensures essentially limitless extension capabilities to the system.

#### FOR THE MORE ISOLATED ENTRANCES WHEN WIRING IS AN ISSUE.

The **GSM** system is designed to be used on systems where it is not possible to install a traditional video entry system. It works over the **mobile telephone line** and is especially suited when the **distance between entrance and building is significant** or when the entry panel must be connected to a land line or a mobile line.

#### FOR SMALL APARTMENT BLOCKS.

The **multi-wire system** is designed for residential systems and small apartment blocks. The simple **association between wire and function** with the need to program the system. This makes it very simple to use and reliable over time.

### MANY FUNCTIONS, INFINITE SOLUTIONS

#### **AUDIO**







200 version



XIP version



IP version



#### **AUDIO / VIDEO**







#### BUTTONS





#### HEARING IMPAIRED AND VOICE SYNTHESIS



Entering the **MTM** world means being able to choose between **18 modules**. There is a wide variety of functions to make **your entry panel unique**. The **audio**, **video modules and buttons** stand out according to their operating system, while the others are suited for all our systems.



### TECHNOLOGICAL CORE, MANY ADVANTAGES!

Many advantages in few centimeters. The **MTM** range includes great features, all standard and on all **audio** and **video** models.

#### **HIGHLY INTEGRATABLE**

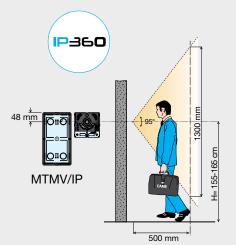
Besides the normal **discharge output** for the electric lock, there is also a **relay output** featured on the entry panel's terminal board. This can connect to any operator. Also, there are **two programmable**, input-or-output function **terminal boards.** The former is for any additional call buttons or feedback on the state of the door. The latter is for triggering additional auxiliary relays or to notify the state of the door to other systems.

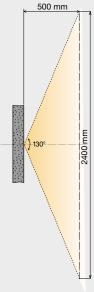


#### WIDE-ANGLE VISION

The MTM video modules, enhanced by the new wide-eye lens, let you see a very extensive area: **100° horizontal and 82° vertical** openings of the video camera lens.

The **IP360 version** has been further upgraded to a **130° horizontal and 95° vertical** angles, with no image distortion whatsoever.

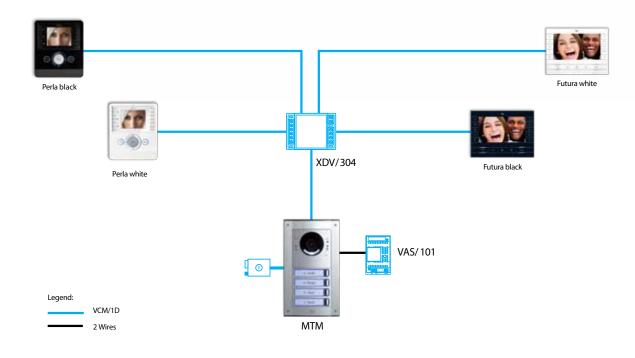


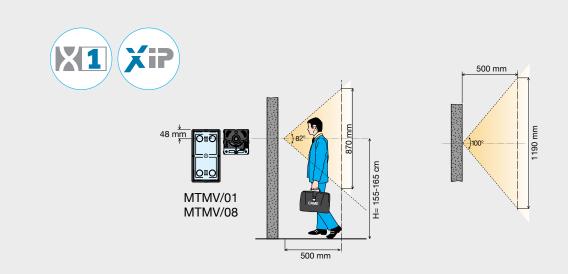


### POWER SUPPLY DIRECTIN THE X1 SYSTEM

The entry panel (excluding Audio Lite) **can power the X1** without needing any line VA/01 power-supply units. This makes the structure even simpler.







#### **NEW NAME TAG**

The MTM range gives you all of the space you need to write the names of all of your family members. The single-button version is 66 mm in length and 15 mm in length.



#### **CAREFULLY DESIGNED BEAMER**

The study conducted on the beamer has led us to achieving perfect illumination. The beamer ensures that the light's angle of diffusion is just right and uniform when lighting up a subject. In this way the intensity provided by the 4 LEDs is best used, without the irritating blinding effect.



#### SEPARATED VIDEO CAMERA

When installation conditions force you to separate the video camera from the plaque, MTM lets you directly connect a video camera to the module Audio without additional accessories.



#### **TWO-COLOR BACK-LIGHTING**

MTM offers a wide choice when it comes to backlighting. The dimmer lets you adjust brightness among the 25%, 50%, 75% & 100% settings. This is true for both blue and white backlighting.



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#### WATER AND IMPACT-PROOF

The MTM entry panels are designed to last. They can count on considerable durability thanks to the **IK07 shock resistance rating** and the **IP54 water and dust proof rating**.

#### **GUARANTEED IP54 AND IK07**

#### EXCELLENT AUDIO QUALITY WHILE MAINTAINING A UNIQUE DESIGN

By carefully choosing our materials and shapes we achieved excellent sound quality without using unattractive holes on the plaque frontpieces.

The audio comes via the video camera lens which diffuses around its edges. This entirely surrounds the user.

#### **ACOUSTIC AND VISUAL ALERTS**

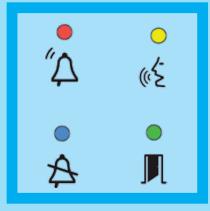
We thought of everything when we designed MTM. The visual and acoustic state alerts make our entry panels user-friendly for the elderly and physically challenged.

### HD RESOLUTION AND HDR TECHNOLOGY (VERSION IP360)

With its HD 720p resolution and use of HDR (High Dynamic Range) technology, the image quality is greatly enhanced. This yields better dark/light effects even when the image on the screen is highly contrasted.







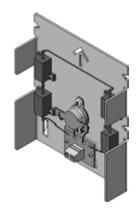
### MANY SPECIAL FUNCTIONS

The difference is in the details and with **MTM** we have thought of everything. From the simplified **audio version** to **GSM**, from access-control extensions to **extreme temperature** accessories, including the **voice synthesis** module.



#### **AUDIO LITE**

The perfect solution when you need a simple plaque while maintaining excellent audio quality.



**EXTREME TEMPERATURES** When extreme temperatures can cause problems to the system, this accessory warms up the entry panel so it can operate at -40° C.



#### **GSM AUDIO**

The GSM entry panel is the ideal solution when wiring or distance is an issue, or when you cannot connect up to a receiver. Entry panels are installed in "**stand-alone"** mode, that is, by connecting them to a power-supply unit and to the antenna for receiving the GSM signal.

The plaque is entirely programmed via SMS text messages. Once you have fitted the SIM card, the system is fully operational and the whole video entry system is managed over the smartphone via SMSs and calls.

By pressing the call button, the plaque triggers a call to either mobiles or land lines from which users reply and by using key-combinations can open the front door or gate or barrier.

### ACCESS-CONTROL FUNCTIONS

The MTM range also features two **accesscontrol- specific** functional modes (MTMNA - MTMRFID).

These modules can be used by **connecting them to the XIP - IP360 video entry system** as well as in **stand-alone mode,** in which case they autonomously and directly manage the entrance.

Both modules feature **two on-board relay switches - one power and one signal,** for opening doors and other entrances, and, **two inputs** for directly triggering the relay switches.



### VOICE SYNTHESIS AND THE HEARING IMPAIRED



This module enables hearing-impaired persons wearing T-type magnetic interface hearing aids, to hear the video entry conversations.

It also enables visually-impaired persons to hear a voice synthesis of the triggered commands when interacting with the plaque.

### **PUSH-BUTTON** VERSION?

8, 4, 3, 2....

**Just one module,** with many faces. You can add a **front-piece** to the module, with the required amount of buttons. So you can set aside any plugs and buttons while keeping your composition options open.



Four-button front-piece



**Two-button front-piece** 



Three-button front-piece



**Eight-button front-piece** 





### DIGITAL VERSION?

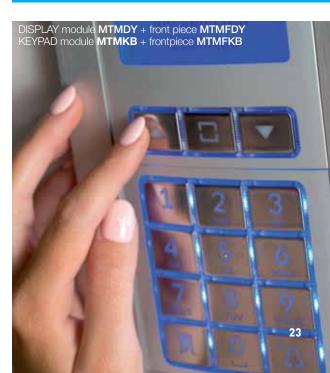
The **display** lets you view up to **7,200 names in the address book**. When programming, you can choose the search mode that is best for a certain number of users: a simple **scroll list** or an **alphabetic block search** when you have large numbers of users.

The **keypad** lets you activate the video entry and access control functions:

- digital calls via number codes (can manage up to 50,000 codes for IP360 systems, and up to 5,000 codes for X1 and XIP systems.

- **control code** to open entrance points (the maximum limit of codes depends on the type of accesscontrol system being used.





# MTM VR VERSION

FRAME AND FRONT-PIECES WHOLLY MADE OF ZAMAK, ALL IN JUST 16 mm



### **MTM VANDAL-**RESISTANT VERSION **FOR GREATER SECURITY AND PEACE-OF-MIND.**

All of the functions on the standard version will be available in a new body: same mechanics and functional **modules,** same accessories, but with a vandal-resistant skin.

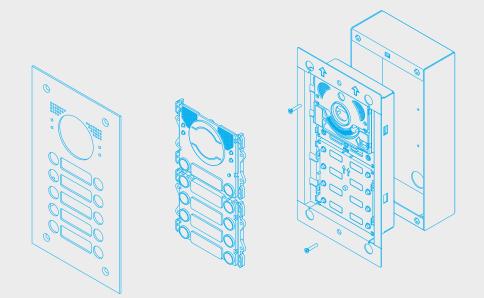
New design, with Zamak trimmings, all VR items can resist up to IK09 level shocks. This means the MTM series is the most complete range of modular entry panels on the market.

### CUSTOMIZED THIRD-PARTY VANDAL-PROOF PLAQUES



### CUSTOMIZE YOUR VANDAL-PROOF ENTRY PANEL

All MTM-range functional modules can be mounted behind **flat customized plaques,** by simply adding a plastic adapter to ensure IP54 level protection and vandalism protection. You can also use **customized buttons** via special expansionelectronics.



### MOUNTING AND INSTALLING

#### Fitting the **MTM** is **quick** and **easy.**

A few steps is all it takes to assemble and fasten the plaque to the wall. Below you can see the steps needed to fit a two-module video entry panel.

- 1 Wire the terminal board to the wall.
- 2 Fasten the video module to the frame.
- **3** Fasten and connect the second module by using the flat cable.
- Connect the terminal board to the main module.
- **5** Fasten the frame to the recess-mounting box.
- 6 Program and adjust settings on entry panel.
- Add the front pieces.
- 8 Close with the frame.















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### JUST ONE TERMINAL BOARD FOR CONNECTING TO THE SYSTEM

The system connects to the entry panel via a single terminal board that is connected to the audio or audio/video module. From here, all of the other modules are connected via a single flat anti-inverting cable.

It's difficult to get it wrong.

#### **BENCH-ASSEMBLING THE ENTRY PANEL**

The plaque is bench-assemble beforehand. The entire module-programming-and-settings phase can be done from the installed entry panel before fitting the front pieces.

#### MANUAL SETTINGS AND ADJUSTMENTS

Simpler systems can be programmed via the buttons on the audio or audio/video module. You can, in fact:

- program calls;
- adjust the field of view;
- choose between blue or white backlighting;
- adjust button brightness.

#### PROGRAMMING VIA USB

Whereas complex systems can use a PC to program the entry panel. By fitting a USB drive into the audio or audio/video module, you can activate the advanced functions or program more complex systems. All programming is done via PCS/XIP software.









### CAME CONNECT WE CONNECT. YOU CONTROL.

Today smartphones and tablets have become part of our lifes.

These devices have become irreplaceable aids in our lives; also thanks to the Apps that provide control over new functions, every day. Touching, seeing, hearing have no more limits.

It's all within reach.

To meet these needs **CAME** has developed a series of custom Apps for controlling all of our products.

Enter the CAME CONNECT world.



### XIP MOBILE THE APP FOR HAVING YOUR VIDEO ENTRY PANEL ON YOUR SMARTPHONE



The **XIP MOBILE** App lets you manage calls from your audio/ video entry system, directly on your smartphone or tablet.

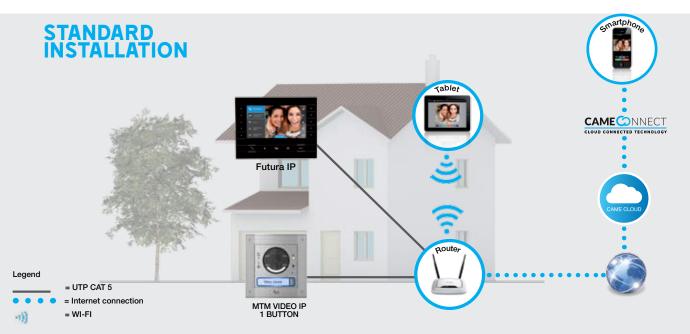
Do you want to see who is ringing the doorbell, even when you're not home?

**XIP MOBILE** lets you get calls and remotely scan the entry panel area on you mobile device. There's no need for any additional devices or special configurations. Just connect the system to your home's router.

Answering, checking the video cams' live images and opening the front door, from your smartphone, is now possible.



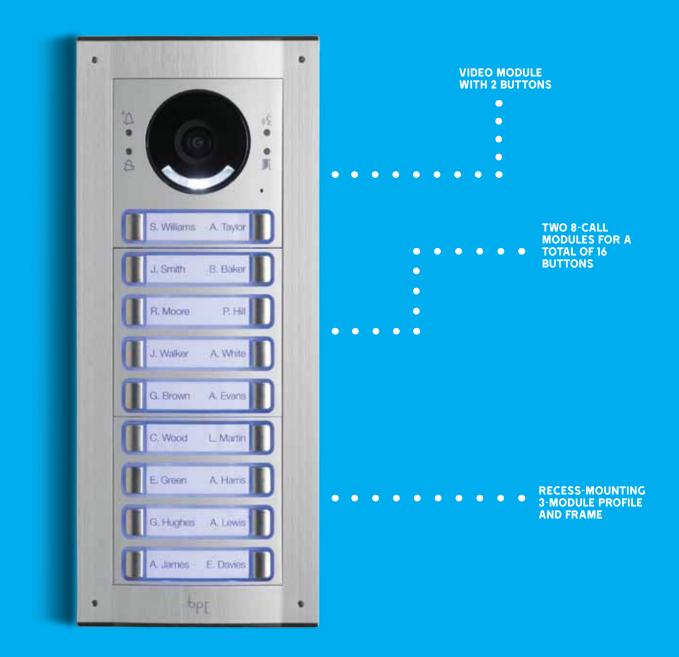




# THE BEST-SELLING COMPOSITIONS



#### САМЕ 🕆 ВРТ



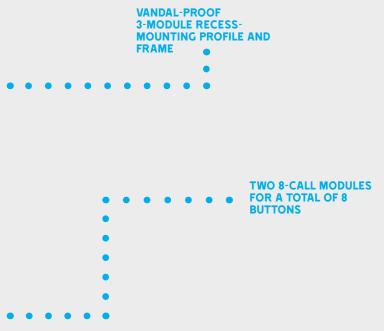


### BEST SELLING VR COMPOSITIONS



#### CAME T BPT





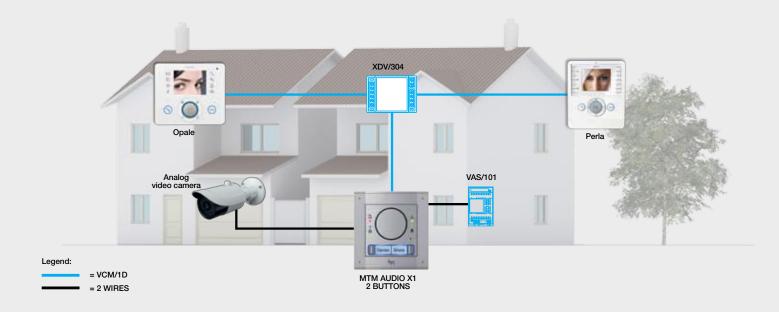
a • • • • • • • AUDIO MODULE WITH VANDAL-PROOF FRONTPIECE WITHOUT CALL BUTTONS • Shore Browns ۲ • • VANDAL-PROOF 2-MODULE WALL-MOUNTING BOX WITH RAIN HOOD. • ۲ • • • •  $\bullet$ 

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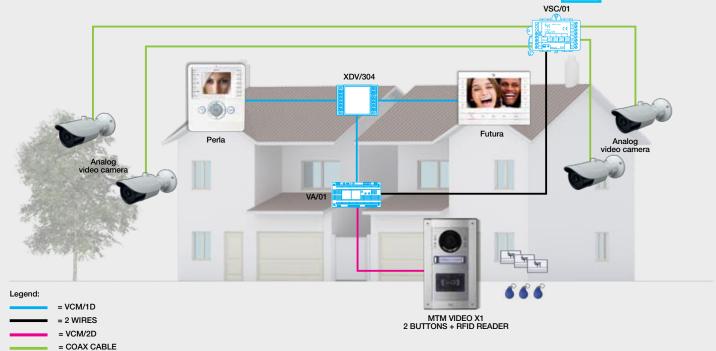
### EXAMPLE SYSTEMS

### RESIDENTIAL

X1

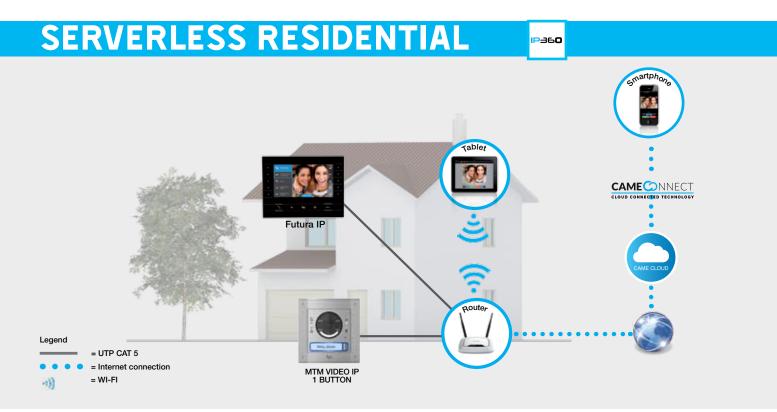


### TWO-FAMILY RESIDENTIAL UNIT

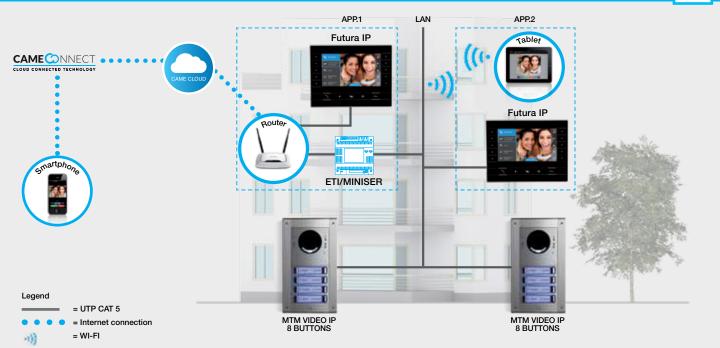


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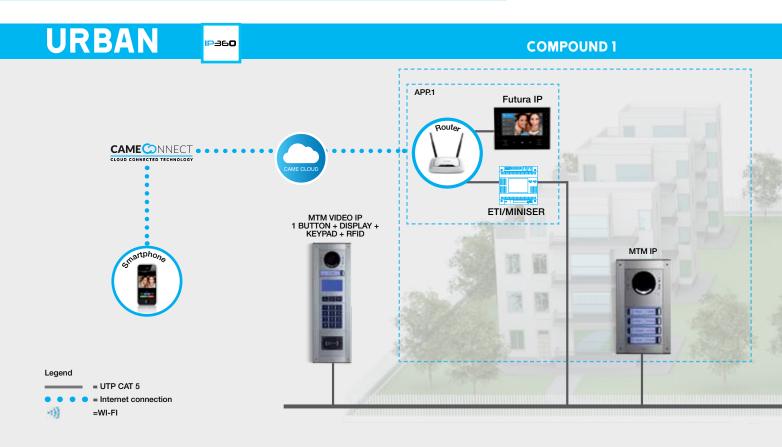
MTM provides for maximum flexibility. You can set up small residential systems, with audio only or audio/video systems. Choose among the various systems that we make available. Below you will find some installation examples that show the potential of the range and sheer simplicity with which it lets you manage any request.



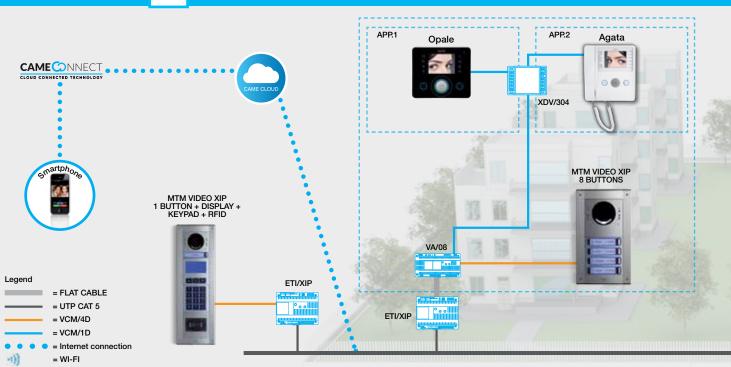
### SERVERLESS RESIDENTIAL BUILDING



## EXAMPLE SYSTEMS

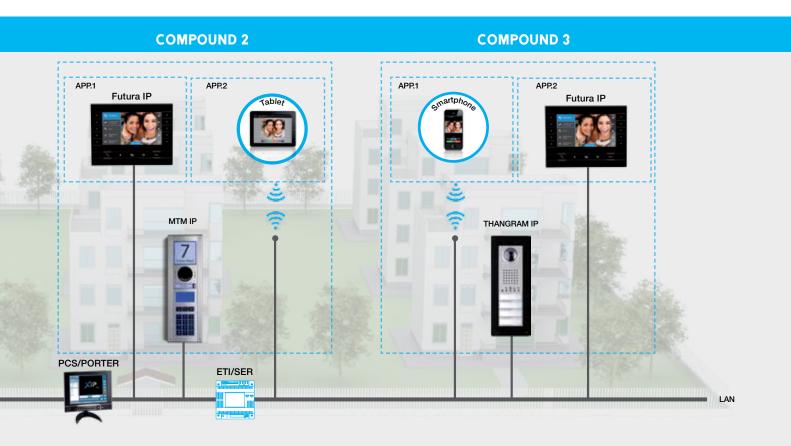


## URBAN XIP



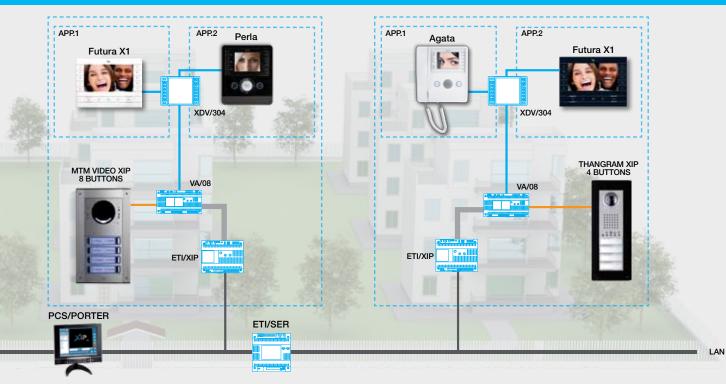
**COMPOUND 1** 

MTM lets you set up large system and manage residential compounds with countless apartment blocks using either the IP360 system or the XIP system.



### **COMPOUND 2**

#### **COMPOUND 3**



# COMPOSITION TABLE

						-		COMPANY OF THE OWNER.	
МТ			THE R. LEWIS	101511	0				
<u>8</u>		VAS/100.30 Power-supply unit 230 V	MTMKB Digital-call keypad module	<b>MTMDY</b> Display module	MTMFV0P Blank video front-piece	MTMFV1P One-button video front-piece	MTMFV2P Two-button video front-piece	MTMFKB Keypad module front- piece	MTMFDY Display module front- piece
	030010	62703310	60020230	60020240	62030030	62030040	62030050	60020270	60020280
up to 98	1	1	1	1	1	0	0	1	1
98 +P**	1	1	1	1	0	1	0	1	1

	VIDEO MODULE	POWER- SUPPLY UNIT	CALLS MODULE	FRONT PIECES			BUTTONS				RECESS-MOUNTED	
								talana Talana Talana	Landard Landard Reference Landard			
number of calls	MTMV/01 One video module	VAS/100.30 Power-supply unit 230 V	MTM8C Eight-button module	MTMFV0P Blank video front-piece	MTMFV1P One-button video front-piece	MTMFV2P Two-button video front-piece	MTMF2P Two- button front-piece	MTMF3P Three- button front-piece	MTMF4P Four- button front-piece	MTMF8P Eight- button front-piece	MTMSI1M One-module recess-mounting box	MTMSI2M Two-module recess-mounting box
۲.	62030010	62703310	60020030	62030030	62030040	62030050	60020110	60020120	60020130	60020140	60020150	60020160
1	1	1	0	0	1	0	0	0	0	0	1	0
2	1	1	0	0	0	1	0	0	0	0	1	0
3	1	1	1	1	0	0	0	1	0	0	0	1
4	1	1	1	1	0	0	0	0	1	0	0	1
5	1	1	1	0	1	0	0	0	1	0	0	1
6	1	1	1	1	0	0	0	0	0	1	0	1
7	1	1	1	1	0	0	0	0	0	1	0	1
8	1	1	1	1	0	0	0	0	0	1	0	1
9	1	1	1	0	0	1	0	0	0	1	0	1
10	1	1	1	0	0	1	0	0	0	1	0	1
11	1	1	3	1	0	0	0	1	2	0	0	0
12	1	1	3	1	0	0	0	0	3	0	0	0
13	1	1	3	0	1	0	0	0	3	0	0	0
14	1	1	2	1	0	0	0	0	0	2	0	0
15	1	1	2	1	0	0	0	0	0	2	0	0
16	1	1	2	1	0	0	0	0	0	2	0	0
17	1	1	2	0	0	1	0	0	0	2	0	0
18	1	1	2	0	0	1	0	0	0	2	0	0
19	1	1	5	1	0	0	0	1	4	0	0	0
20	1	1	5	1	0	0	0	0	5	0	0	0
56	1	1	7	1	0	0	0	0	0	7	0	0
90	1	1	11	0	0	1	0	0	0	11	0	0

\*For every ten XDV/304s, add an XDV/300A; after 64 receivers, add an XAS/301.01

### Receivers

AGATA

0 🕘 6

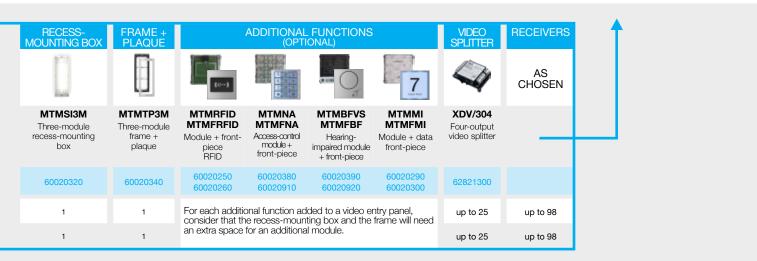
OPALE

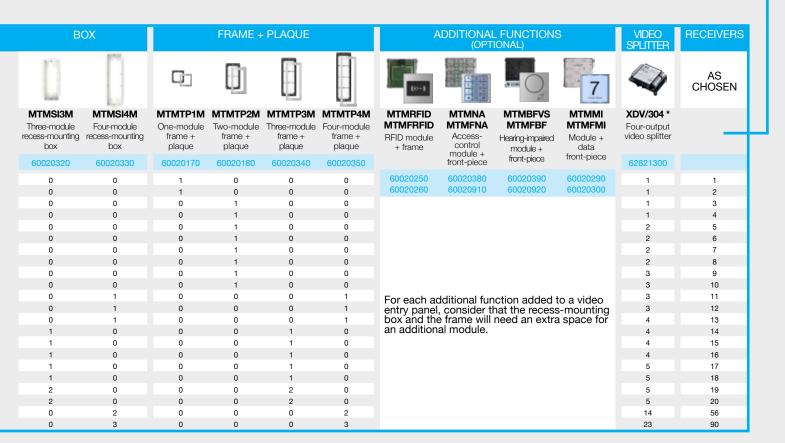
PERLA

FUTURA

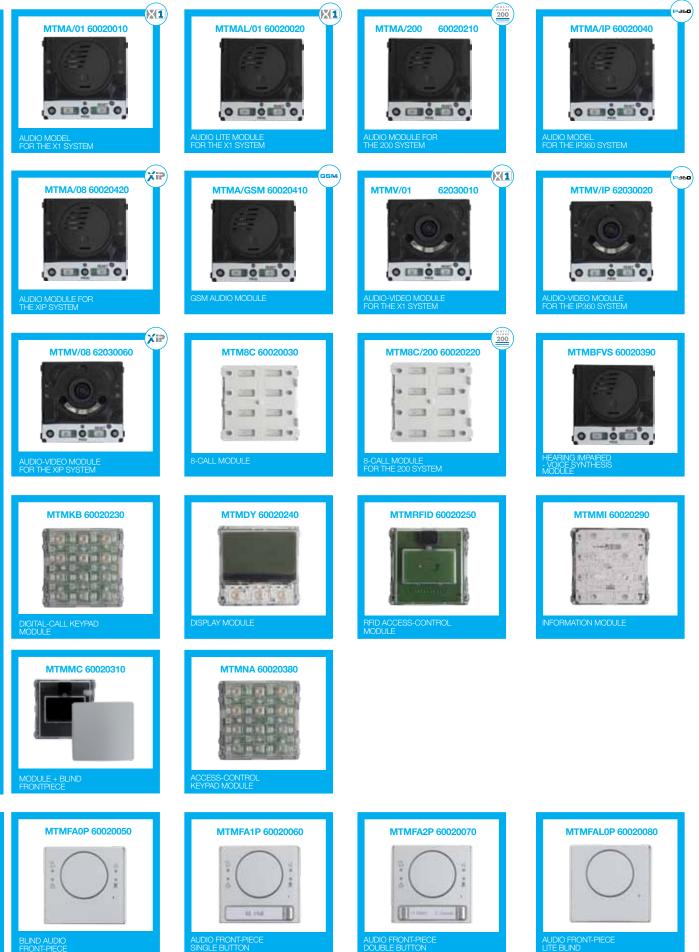
Upgrade your system with one of our monitors.

Choose among, Agata, Perla, Opale and Futura to find the perfect solution to your needs.

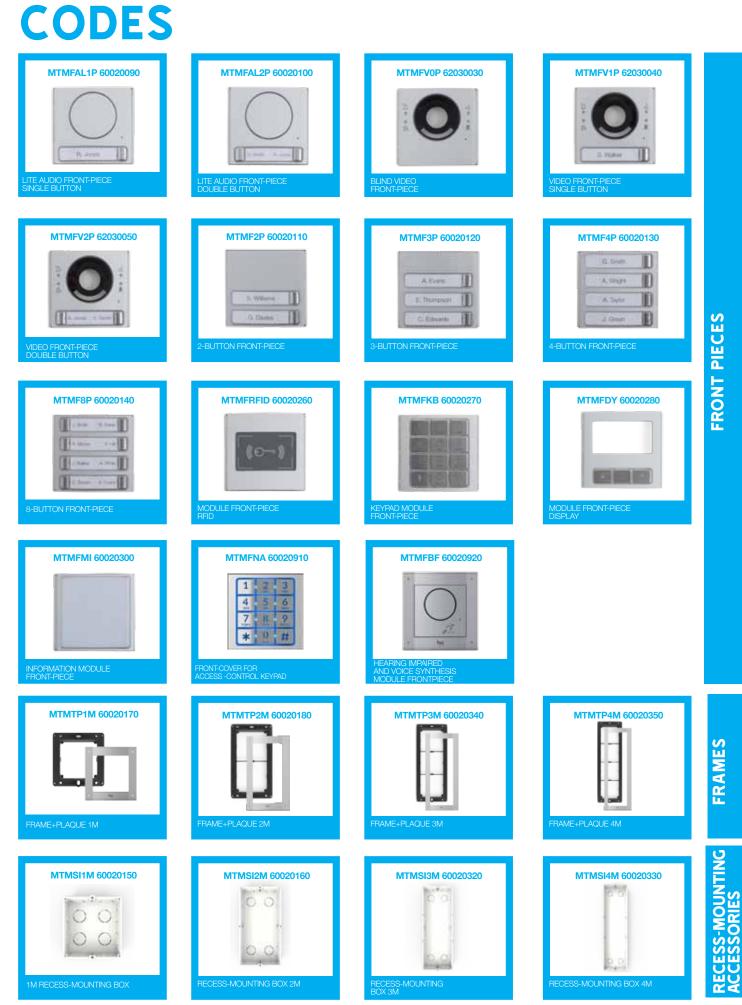




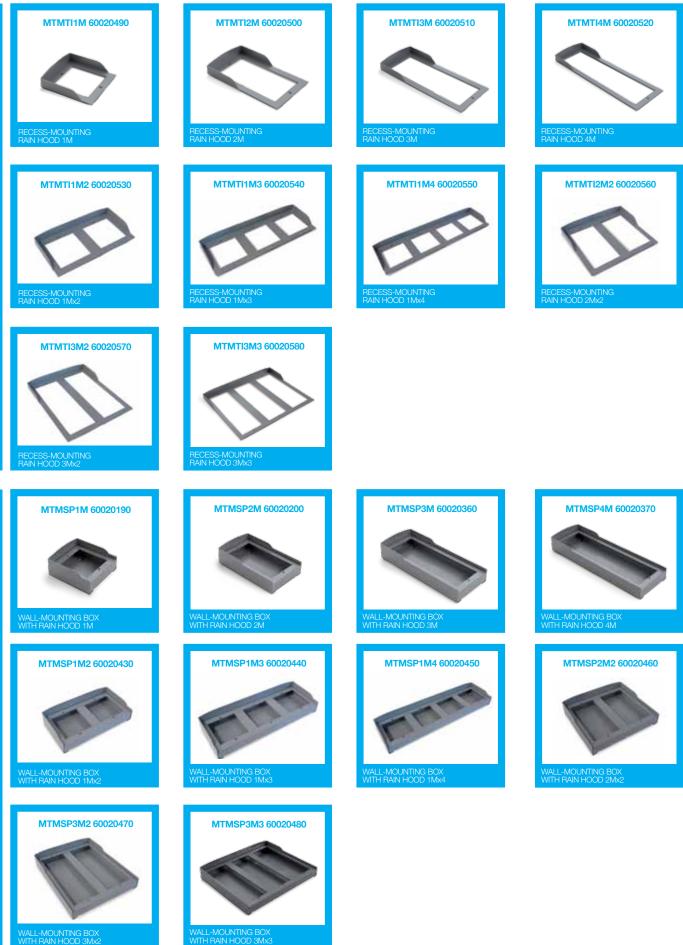
# CODES



MODULES



# CODES



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ITALY CAME S.p.A., Treviso CAME Italia, Treviso

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