

**CAME** | bpt

## IP360 System Overview & Functions



# IP360

## Full IP Entry System

LIST PRICED CATALOGUE

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# IP360

## THE 360 DEGREE IP

### LIMITLESS

IP360 by BPT is an exceptionally advanced, highly flexible video entry system. It surpasses the limits of traditional video entry systems. It features extensive system setup features, for example, there is no limit on the distance between panels, intercoms and receivers.

### OPEN SYSTEM

In a rapidly-changing world that constantly offers new technologies, IP360 fully meets the growing need for simplification and integration between different systems.

By using standard communication protocols, the system opens up to endless possibilities of application, enabling the use of BPT video entry systems within multi-division systems. This allows the various devices in the group to communicate with each other and with third-party systems using a common language.

### INTEGRATION WITH LAN NETWORK

All the IP360 system devices can be connected to existing LAN networks, adding the functionalities of the digital system without the need for any special wiring. The system uses Ethernet distribution as its main communication structure.

The ethernet network guarantees almost infinite expansion of the system.

## MAXIMUM FLEXIBILITY

IP360: the video entry system that's right for all installation environments.

Advanced video entry system functions to match the most modern residential, business, industrial and service-sector scenarios. Individual homes or large residential complexes: IP360 provides the perfect solution.



## CLOUD CONNECTED

# CAMECONNECT

CLOUD CONNECTED TECHNOLOGY

CAME Connect allows you to remotely control your IP360 door entry system at the touch of a button using any device connected to the internet. Using a standard network connection, IP360 communicates with a main central server allowing remote access through the CAME Connect web based platform and supporting app.

This allows users remote system access via any internet ready device allowing the freedom of control even when you are not on site. It also enables installers to monitor CAME Connected installations, intervening quickly and safely when necessary.

\*PoE or local power supply.

# IP360 SYSTEM FEATURES

## VIDEO ENTRY SYSTEM ON MOBILE DEVICES



### VIDEO ENTRY SYSTEM ALWAYS AT YOUR FINGERTIPS

The BPT XIP Mobile app enables you to manage audio/video calls through the IP360 entry system directly from multiple mobile or tablet devices. The app is free to download from the App Store and Android™ Play.

The BPT XIP Mobile app gives you the ability to remotely and securely open & close doors, control lighting and view feeds from multiple sources, including CCTV cameras. You'll get notifications for received, missed or rejected calls. Plus contact list management.

## VIDEO ENTRY SYSTEMS ON PC



### VIDEO ENTRY SYSTEM AT THE CLICK OF A MOUSE

The BPT video entry system can be managed and enjoyed from your home or office PC using the special "Soft Receiver" software, available on USB flash drive or CD. A full server is required.

THE APPLICATION TO  
INSTALL A REAL IP  
RECEIVER ON YOUR PC

## WITH SIP DEVICES



IP360 can be interfaced with third-party devices using the SIP protocol, such as, home automation terminals or VoIP telephone switchboards\*, all without using any special interfaces.

In this way it will be possible to receive a video entry

system call and open a gate or a door from the touch panel without needing to have a video entry phone in the home. In addition, the system lets you use SIP telephone interfaces with analogue or GSM phones. This means you can always be reached on a landline or your mobile phone.

\* For more details on supported models, please contact CAME BPT.



## THE CCTV SYSTEM



IP360 enables users to view images from entry panels, both traditional and IP video cameras, internal receivers or from a connected porter's desk. Analogue cameras can be connected to the system's power supplies or directly to the gateways using the relevant selector switches.

IP360 offers many functions integrating multiple systems.

Video streams sent from IP video cameras can be displayed on installed FUTURA IP terminals.

Motion detection using integrated IP video cameras can be programmed to trigger video entry system actions such as controlling lights or activating video calls to smartphones and tablets.

For the Milesight CCTV range of IP360 compatible devices. See page 26.

## INTEGRATION WITH CAME'S HOME AUTOMATION SYSTEM



IP360 easily integrates fully with CAME's home automation system. Integrating the two systems, meaning installation of additional devices can be avoided.

All the video entry system functions will be managed directly from the home automation touch screens. IP360 and CAME's home automation together take video entry systems to new, even more advance levels.

# FUTURA IP MONITOR

The video receiver with user-friendly 7" display that's perfect in any room thanks to its simple and sophisticated design.

- SIP protocol.
- H.264 video codec, G.711 audio codec.
- Built-in webserver for setting up and managing via browser.
- Door status feedback.
- PoE or local power supply.



Available in black and white versions.

PoE or local power supply.

Video voicemail with option to record calls automatically or on demand.



Unlimited intercom calls to other FUTURA IP internal receivers, smartphones or tablets\*.

Advanced, multilingual user interface.

Display of IP video cameras present in the system.

## Dimensions

(WxHxD) 212x161x28 mm wall mounted  
(WxHxD) 212x161x10.5 mm recessed

\*Via the free XIP mobile app

# THANGRAM IP PANEL

BPT's first fully IP entry panel that can be directly connected within a LAN network. Combining innovative, sophisticated design and high performance, THANGRAM IP is the next generation of entry panel.

- PoE and local power supply.
- Easy to setup via local HTML5 webpage interface.
- Standard SIP video and VoIP protocols.
- Recessed or wall-mounted installation.
- Updates firmware from the web.
- Thickness of 2 mm (recessed).
- Compatible with BPT XIP system.
- Integration with CAME's home automation system

Perfect video quality in all environmental conditions.  
Colour video camera with VGA resolution (640x480), angle of view 82° vertically and 100° horizontally.

High-tech Heart  
• SIP, H.264 video codec, G.711 audio codec.  
• Built-in webserver.

Compatible with all the existing accessories in the THANGRAM range.

LED illuminated pictograms for door status, active communication, call in progress and system busy notifications.

The incredibly robust design, features an IP54 protection rating. This provides excellent protection against water and impact damage.

Stylish design.

Button plates are backlit. Blue illumination can be disabled or the brightness can be adjusted.

- 12V electric lock output.
- 2 in/out contacts with functions which can be programmed via webpage interface.
- 1 local door opener contact.
- 1 relay output.

## Dimensions

(WxHxD) 99x254x26 mm wall mounted  
(WxHxD) 127x201x2\* mm recessed

\* Embedding box: depth 54.5 mm; protrusion from wall: 2 mm

# IP360: 360 SYSTEM PARAMETERS



	THANGRAM IP without server	With miniserver* (miniSER)	With full server (ETISER/XIP)
Max no of panels.	Unlimited	Unlimited	Unlimited
Max no of individual calls.	Unlimited	Unlimited	Unlimited
Max number of simultaneous calls.	4	10	20
Max number of devices ringing simultaneously.	4	10	18
Inbuilt iOS/Android connections via Cloud or Crestron integrations.	4	6 (Expandable to 10)	0 (Unlimited licenses can be added)
PoE.	Yes	No (requires VAS 101 PSU)	No (PSU supplied)
Concierge feature.	No	No	Yes

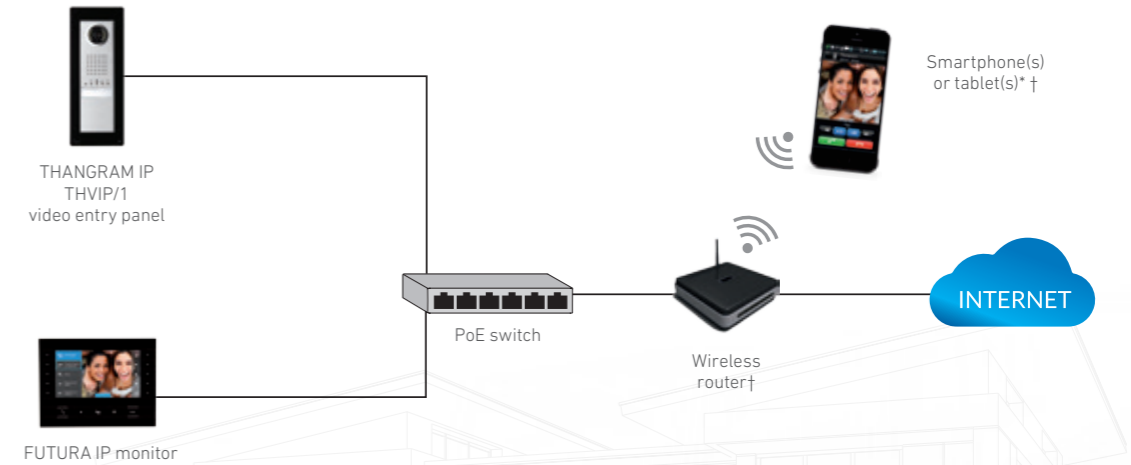
\*Requires one main miniserver and one miniserver per apartment.

# SINGLE-FAMILY HOME CONFIGURATION

## WITHOUT SERVER

In this configuration:

- Maximum of **4** simultaneous calls from entry panels.
- Maximum of **4** simultaneous calls to IP receivers within the home.
- Unlimited entry panels.
- iOS/Android integration.
- IP receivers.
- WiFi connectivity within the home.
- Cloud connectivity via internet connection.

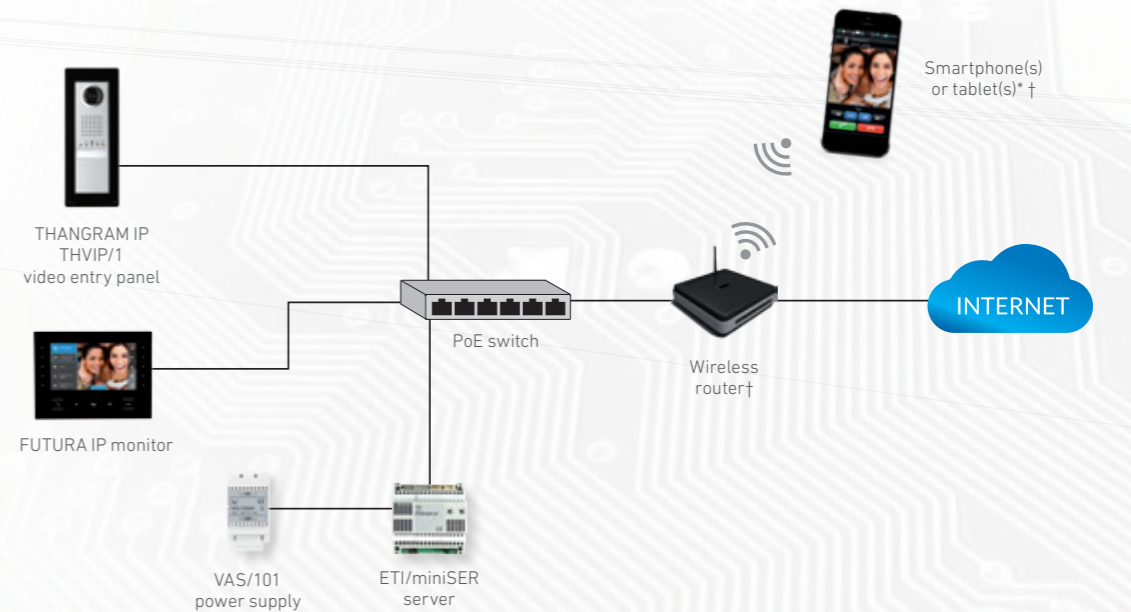


# SINGLE-FAMILY HOME CONFIGURATION

## WITH MINISERVER

In this configuration:

- Maximum of **10** simultaneous calls from entry panels.
- Maximum of **10** simultaneous calls to IP receivers within the home.
- Unlimited entry panels.
- iOS/Android integration.
- IP receivers.
- WiFi connectivity within the home.
- Cloud connectivity via internet connection.



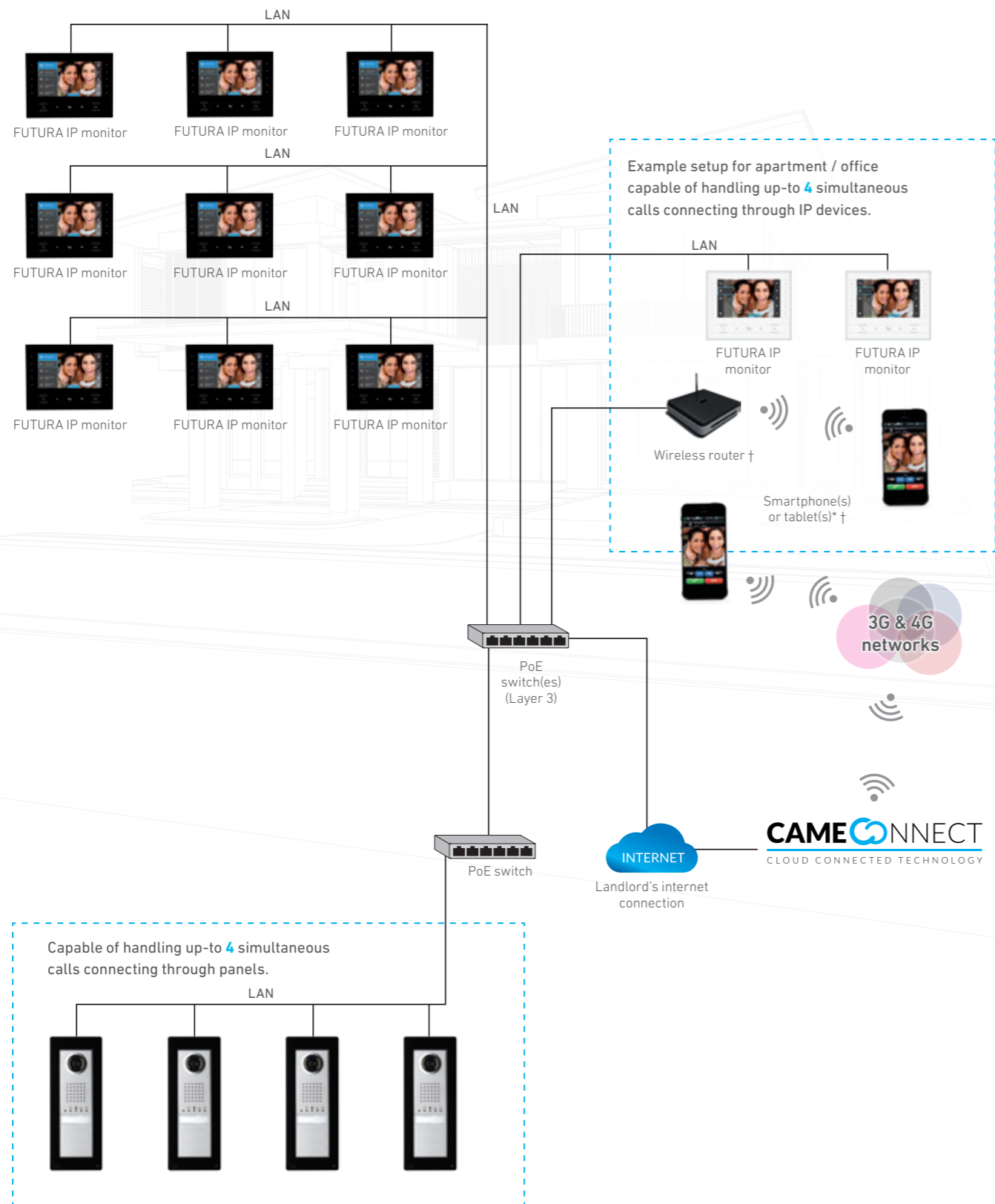
\*Via the free XIP mobile app. † Not available through CAME BPT. Representative illustration; please contact our sales team for technical schematics.

# SERVERLESS CONFIGURATION FOR MULTI DWELLING UNITS

## SIMPLY CONNECT IP360 DEVICES TO YOUR NETWORK

In this configuration:

- Maximum of **4** simultaneous calls from entry panels.
- Maximum of **4** simultaneous calls to IP receivers within a single apartment / office.
- Unlimited entry panels.
- Unlimited iOS/Android integrations.
- Unlimited IP receivers.
- WiFi connectivity within apartment / office.
- Cloud connectivity via landlord's internet connection.

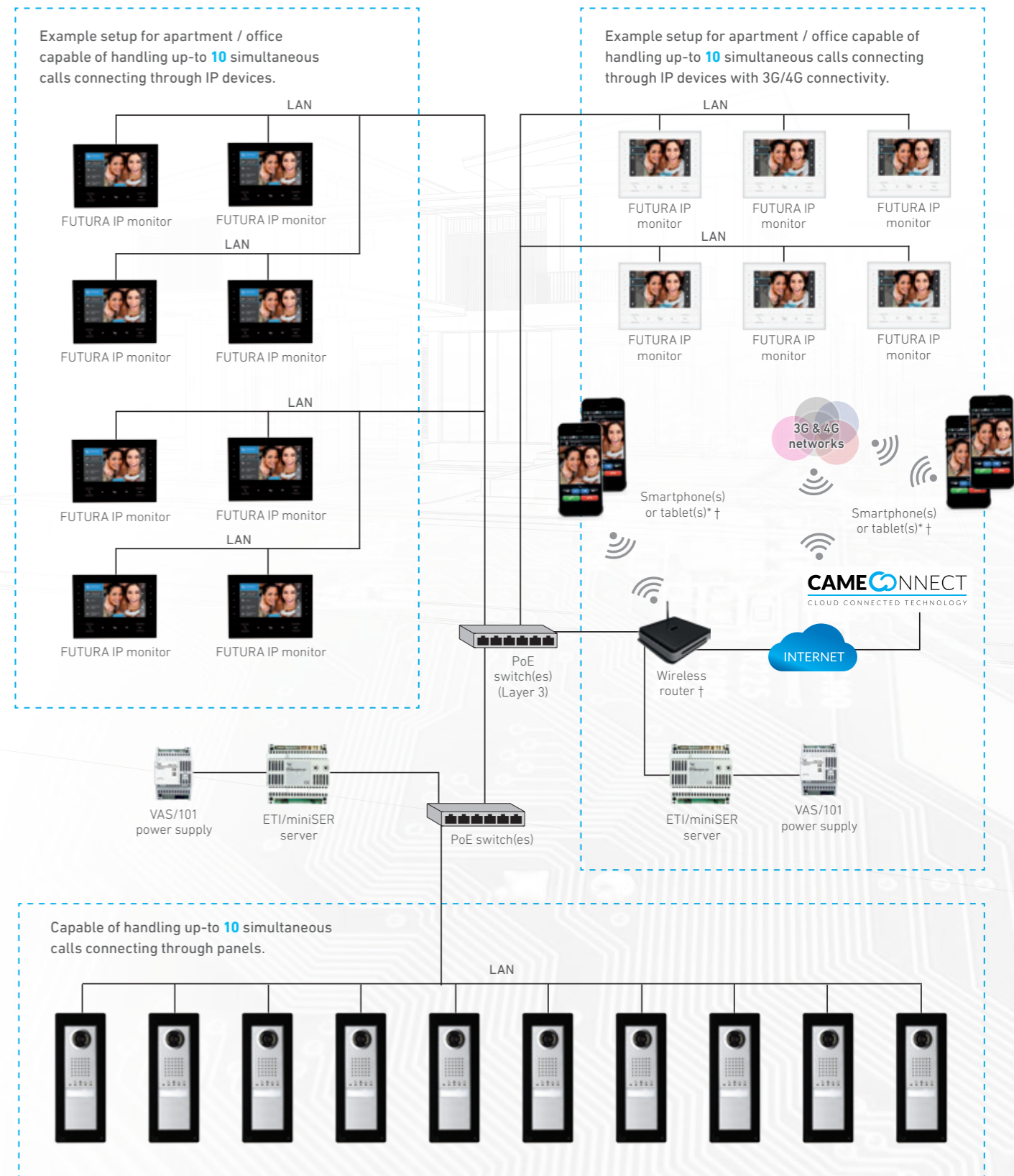


# MINI SERVER CONFIGURATION FOR MULTI DWELLING UNITS

## USE THE MINISERVER TO INCREASE THE CALL CAPACITY

In this configuration:

- Maximum of **10** simultaneous calls from entry panels.
- Maximum of **10** simultaneous calls to IP receivers within a single apartment / office.
- Unlimited entry panels.
- Unlimited IP receivers.
- WiFi connectivity within apartment / office.
- Cloud connectivity via local apartment internet connection.



\*Via the free XIP mobile app. † Not available through CAME BPT. Representative illustration; please contact our sales team for technical schematics.

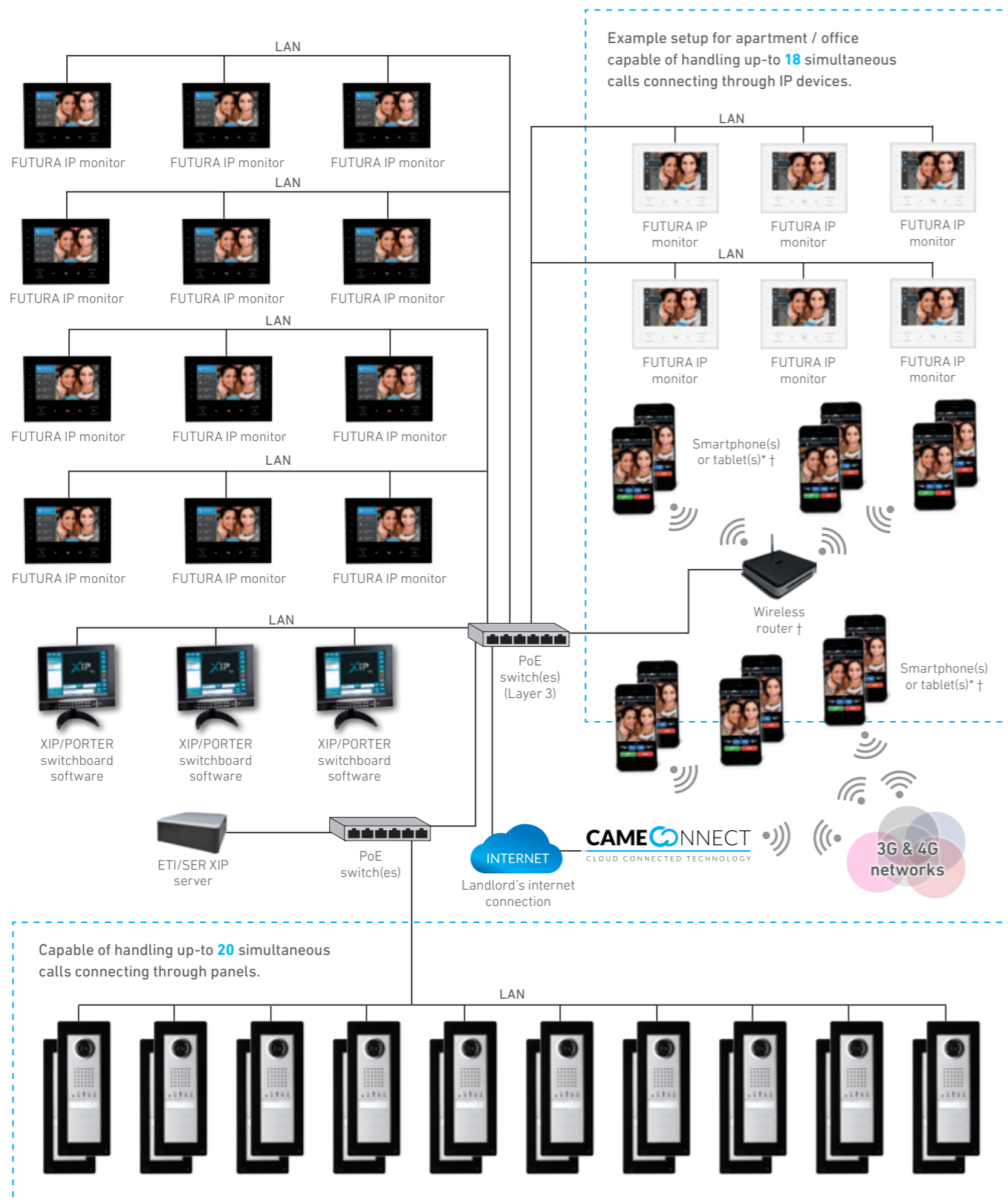
\*Via the free XIP mobile app. † Not available through CAME BPT. Representative illustration; please contact our sales team for technical schematics.

# MAIN SERVER CONFIGURATION FOR MULTI DWELLING UNITS

## FOR SYSTEMS REQUIRING STATE OF THE ART CONCIERGE FACILITIES

In this configuration:

- Maximum of **20** simultaneous calls from entry panels.
- Maximum of **18** simultaneous calls to IP receivers within a single apartment / office.
- Unlimited entry panels.
- Unlimited iOS/Android integrations.
- Unlimited IP receivers.
- WiFi connectivity within apartment / office.
- Cloud connectivity via landlord's internet connection.
- Unlimited concierge PC based switchboards.



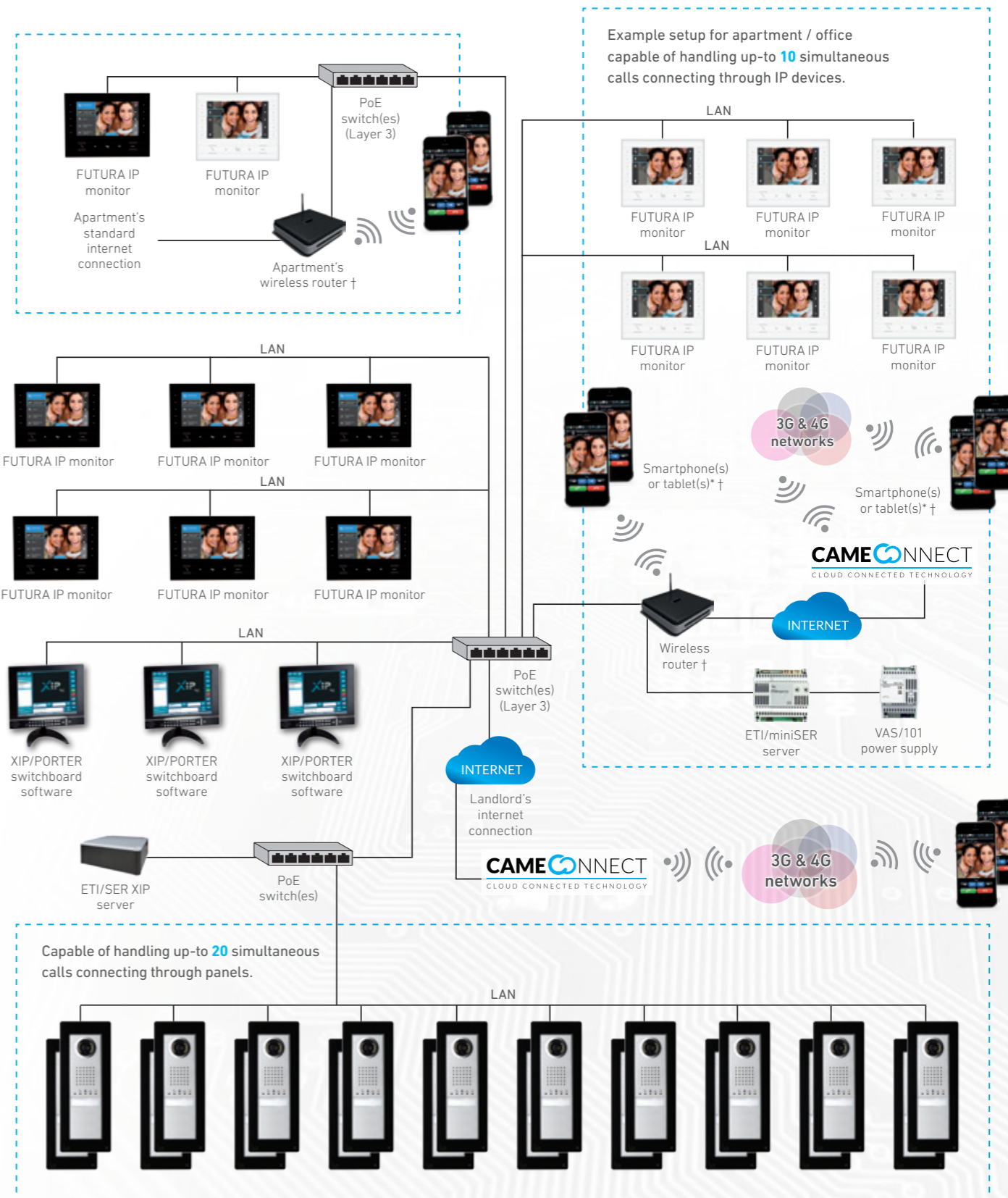
\*Via the free XIP mobile app. † Not available through CAME BPT. Representative illustration; please contact our sales team for technical schematics.

# MAIN SERVER CONFIGURATION FOR MULTI DWELLING UNITS

## INCLUDING MINI SERVER - LIMITLESS POSSIBILITIES

In this configuration:

- Maximum of **20** simultaneous calls from entry panels.
- Maximum of **10** simultaneous calls to IP receivers within a single apartment / office.
- Unlimited entry panels.
- Unlimited IP receivers.
- WiFi connectivity within apartment / office.
- Cloud connectivity via local apartment internet connection.
- Note: a dedicated rack mount server is available, for up to 65 simultaneous calls. Please contact our sales team for details.



\*Via the free XIP mobile app. † Not available through CAME BPT. Representative illustration; please contact our sales team for technical schematics.





## SEAMLESS INTEGRATION WITH IP360 FROM BPT



It is now possible for seamless IP integration between Crestron monitors and BPT systems.

Since 2010 there has been extensive development and close technical cooperation between Crestron (world leader in AV and home automation system controls) and BPT – UK (leader in the video door entry system market). This has led to truly cutting edge lifestyle control.

Crestron and BPT R&D departments have worked together to create a system with full interoperability between the BPT IP360 video door entry system and Crestron home control. Without the requirement for any additional specialist units, the BPT and Crestron systems can work in complete harmony.

Entry control can be accessed seamlessly with Crestron touchscreen panels and remote devices. And release the full functionality of the IP360 system, such as the IP porter facilities, by using a shared network.

With this level of flexibility from two market leaders, the possibilities are limitless.

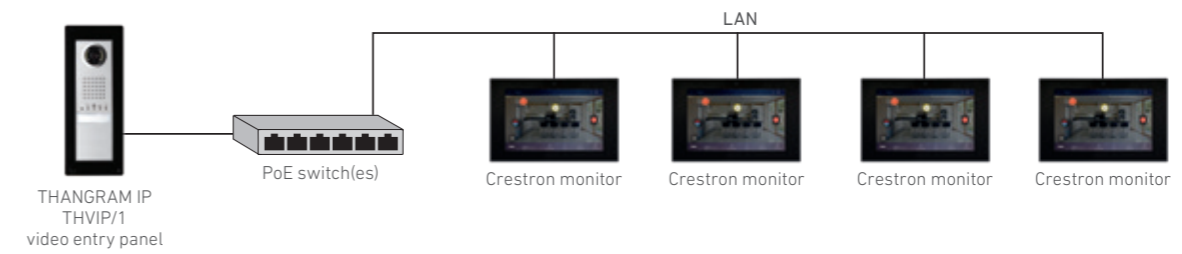
Many other leading brands of automation control are supported by IP360.

For more details, contact the BPT sales department on [sales@bpt.co.uk](mailto:sales@bpt.co.uk) or 01442 230 800.

- Single or multi network architecture as required.
- Standard LAN platform.
- Central switchboard management system.
- Direct IP connection.
- Easy to install.

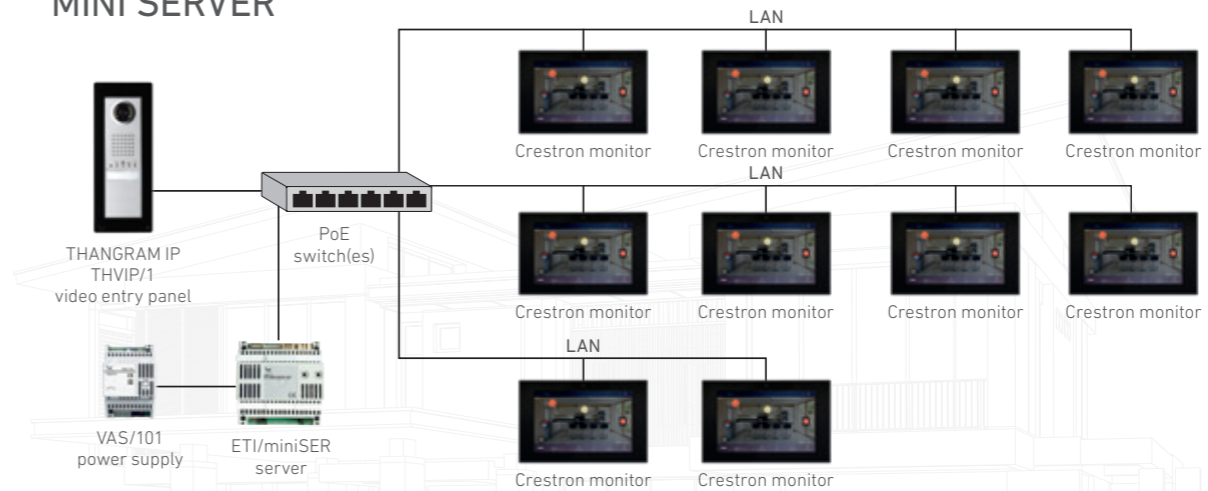


## SINGLE-FAMILY HOME SERVERLESS



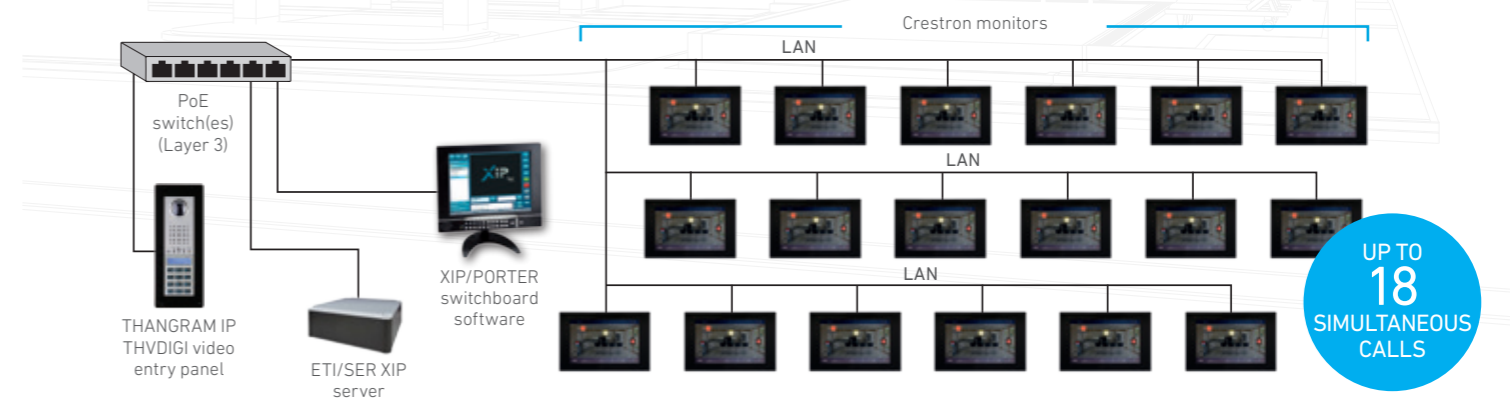
UP TO 4 SIMULTANEOUS CALLS

## SINGLE-FAMILY HOME MINI SERVER



UP TO 10 SIMULTANEOUS CALLS

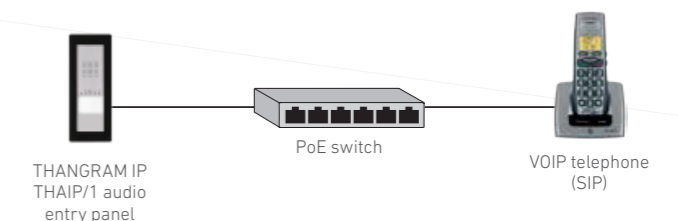
## MDU WITH SERVER UNLIMITED APARTMENTS



UP TO 18 SIMULTANEOUS CALLS

## SIP PHONE INTEGRATION

The IP360 system can be interfaced with VOIP telephone switchboards via networks. This allows systems to be created using SIP telephones to answer calls and open doors.



\*Via the free XIP mobile app. † Not available through CAME BPT. Representative illustration; please contact our sales team for technical schematics.

# IP360 PRECONFIGURED KITS

IP360 is completed with a range of standard kits to enable easy ordering. These kits are preconfigured so that all you have to do is follow our quickstart guide and add a series of simple credentials, using your mobile phone, to complete the setup.



## EXAMPLE CONNECTIVITY

### KIT WITHOUT MONITOR



### KIT WITH FUTURA IP MONITOR



\* On local network. † Not available through CAME BPT. Representative illustration; please contact our sales team for technical schematics.

# IP360 KITS

Article	Description	Code	Price
	<b>THANGRAM IP 1 way IP360 video kit</b> to 4 iOS/Android devices. Single call button.	IP360THV/1	£835.00
	<b>THANGRAM IP 1 way IP360 video keypad kit</b> to 4 iOS/Android devices. Single call button with access control keypad.	IP360THKV/1	£971.25
	<b>THANGRAM IP 1 way IP360 video kit</b> to 3 iOS/Android devices and 1 FUTURA IP white. Single call button, includes white FUTURA IP.	IP360THFW/1	£1395.00
	<b>THANGRAM IP 1 way IP360 video keypad kit</b> to 3 iOS/Android devices and 1 FUTURA IP white. Single call button, with access control keypad, includes white FUTURA IP.	IP360THKFW/1	£1531.25
	<b>THANGRAM IP 1 way IP360 video kit</b> to 3 iOS/Android devices and 1 FUTURA IP black. Single call button, includes black FUTURA IP.	IP360THFB/1	£1395.00
	<b>THANGRAM IP 1 way IP360 video keypad kit</b> to 3 iOS/Android devices and 1 FUTURA IP white. Single call button, with access control keypad, includes black FUTURA IP.	IP360THKFB/1	£1531.25

# CAMECONNECT

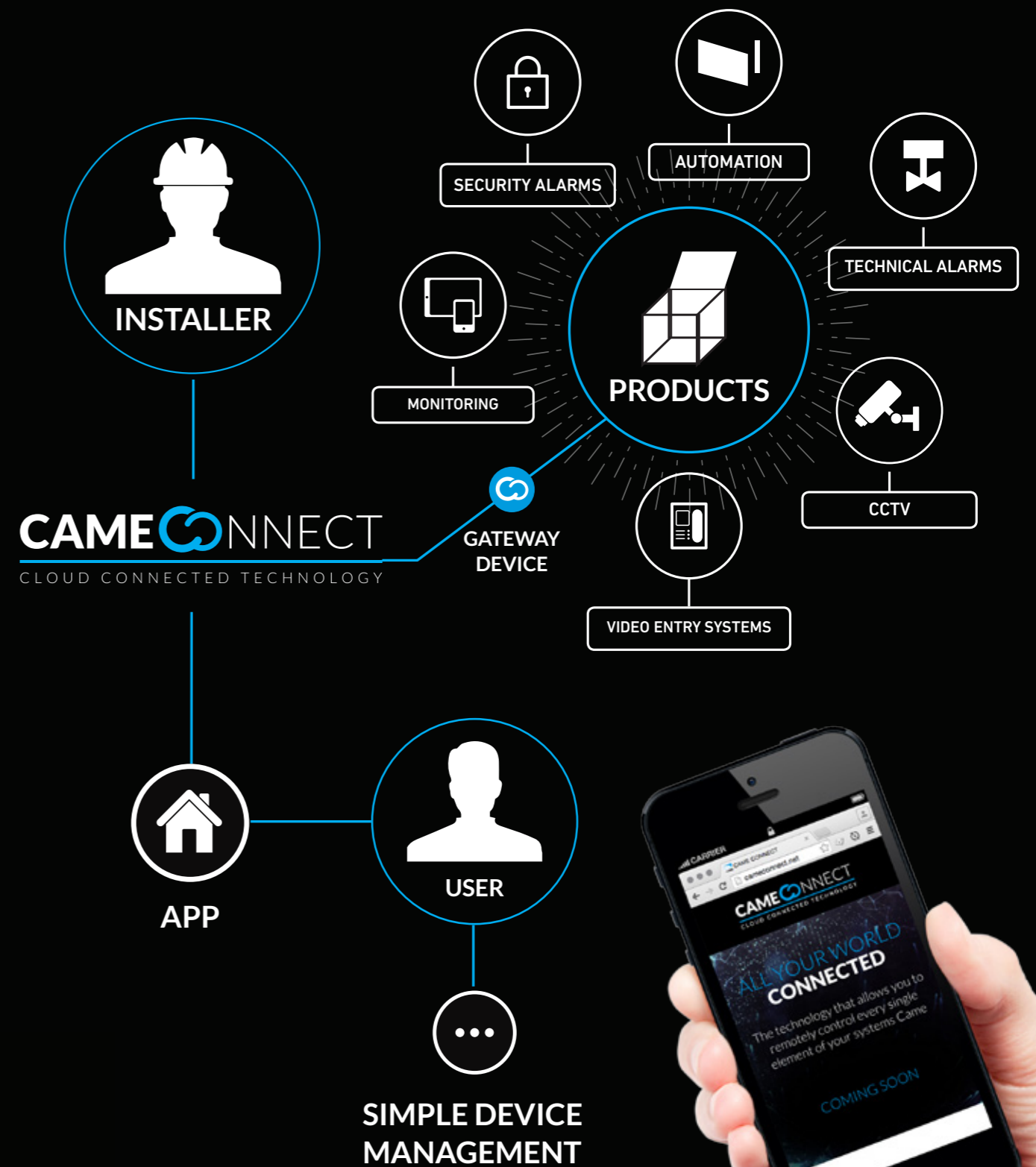
CLOUD CONNECTED TECHNOLOGY

## BE PART OF THE FUTURE

CAME Connect enables both the Installer and the end-user to monitor and control the equipment through an easy to use cloud-based app.

- DEVICE MANAGEMENT
- REMOTE DIAGNOSTICS
- DEVICES MAP
- SUPPORT REQUESTS

*All of your installation sites at your finger tips*











For more information, visit  
[www.CAMEconnect.net](http://www.CAMEconnect.net)







**CAMECONNECT**  
CLOUD CONNECTED TECHNOLOGY

# COMPONENTS PRICELIST



## THANGRAM VIDEO PANELS

Article	Description	Code	Price
	THANGRAM IP video entry panel (PoE) 1 button.	THVIP/1	£835.00
	THANGRAM IP video entry panel (PoE) 2 button.	THVIP/2	£837.50
	THANGRAM IP video entry panel (PoE) 3 button.	THVIP/3	£840.00
	THANGRAM IP video entry panel (PoE) 4 button.	THVIP/4	£840.00
	THANGRAM IP video entry panel (PoE) 6 button.	THVIP/6	£858.75
	THANGRAM IP video entry panel (PoE) 8 button.	THVIP/8	£865.00
	THANGRAM IP video entry panel (PoE) with keypad 1 button.	THKVIP/1	£971.25
	THANGRAM IP video entry panel (PoE) with keypad 2 button.	THKVIP/2	£977.50
	THANGRAM IP video entry panel (PoE) with keypad and digital display. For fully digital calling to multiple units.	THVDIGI	£1073.08

## THANGRAM AUDIO PANELS

Article	Description	Code	Price
	THANGRAM IP audio entry panel (PoE) 1 button.	THAIP/1	£530.00
	THANGRAM IP audio entry panel (PoE) 2 button.	THAIP/2	£532.50
	THANGRAM IP audio entry panel (PoE) 3 button.	THAIP/3	£535.00
	THANGRAM IP audio entry panel (PoE) 4 button.	THAIP/4	£535.00
	THANGRAM IP audio entry panel (PoE) 6 button.	THAIP/6	£553.75
	THANGRAM IP audio entry panel (PoE) 8 button.	THAIP/8	£560.00
	THANGRAM IP audio entry panel (PoE) with keypad 1 button.	THKAIP/1	£666.25
	THANGRAM IP audio entry panel (PoE) with keypad 2 button.	THKAIP/2	£672.50
	THANGRAM IP audio entry panel (PoE) with keypad and digital display. For fully digital calling to multiple devices.	THADIGI	£768.08

## FUTURA IP MONITORS


Article	Description	Code	Price
	<b>FUTURA IP hands-free video receiver</b> with colour 7" LCD display, equipped with user graphics interface. Power over Ethernet (PoE) power supply, built-in voicemail function, soft-touch buttons, white. Dimensions (LxHxD): 212 x 161 x 28 mm wall-mounted, 212 x 161 x 10.5 mm recessed	FUTURA IP WH	£533.75
	<b>FUTURA IP hands-free video receiver</b> with colour 7" LCD display, equipped with user graphics interface Power over Ethernet (PoE) power supply, built-in voicemail function, soft-touch buttons, black. Dimensions (LxHxD): 212 x 161 x 28 mm wall-mounted, 212 x 161 x 10.5 mm recessed.	FUTURA IP BK	£533.75

# COMPONENTS PRICELIST


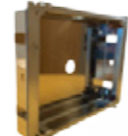
## SYSTEM COMPONENTS

Article	Description	Code	Price
	<b>Full system server.</b> This allows the use of porter software and centralises the access control functions and porter services. It comes in a container measuring 150 x 150 x 51mm. IP40 protection rating. Power supply 230 V AC 600 mA.	ETI/SER XIP	£1975.00
	<b>XIP system mini server.</b> Low DIN 6-module dimensions. Requires power supply (12 - 24 V DC, 300 mA max).	ETI/miniSER	£815.00
	<b>3-relay unit</b> for auxiliary services (controlling lights, openings, ringtones etc.). Low DIN 4-module dimensions. IP30 protection rating. Power supply 11/18V DC 200 mA.	VLS/3	£155.00
	<b>Digital call module for multi dwelling</b> with RFID and built-in display. Keypad can be used for coded access.	DCOMBO	£253.08
	<b>Access control keypad</b> metal colour satin chrome for coded access. Dimensions (LxHxD): 60x60x14 mm.	DNA/ME	£146.25
	<b>Additional power supply for mini server.</b> Low DIN 4-module dimensions. IP30 protection rating. Powered from mains 230 V AC 50/60 Hz.	VAS/101	£77.50
	<b>Additional power supply.</b> Low DIN 8-module dimensions. IP30 protection rating. Powered from mains 230 V AC 50/60 Hz.	VAS/100.30	£90.00
	<b>Single button.</b> Dimensions (LxHxD): 20x60x14 mm.	DPS	£5.00
	<b>Double height button.</b> Dimensions (LxHxD): 40x60x14 mm.	DPH	8.75
	<b>Double button.</b> Dimensions (LxHxD): 20x60x14 mm.	DPD	£11.25
	<b>Single plastic cap</b> covered in metal colour satin chrome. Dimensions (LxHxD): 20x60x12 mm.	DTS/ME	£5.00
	<b>Single plastic cap</b> covered in metal colour satin chrome. Dimensions (LxHxD): 20x60x12 mm.	DTH/ME	£6.25
	<b>Information module</b> for generic messages. Do not use as a call button.	DMI	£5.43

## ACCESSORIES FOR INSTALLATION

Article	Description	Code	Price
	<b>Plastic recessed box.</b> For use with DCI or DCI/ME. Dimensions (LxHxD): 140x294x54.5 mm.	DSI	£5.00
	<b>Plastic recessed frame</b> covered in satin chrome, metal colour. Requires DSI. Dimensions (LxHxD): 127x280x30 (1.2) mm.	DCI/ME	£22.50
	<b>Front plate</b> in anodised aluminum. Opaque black colour. Dimensions (LxHxD): 99x254x18 mm.	DPF/NF	£23.75
	<b>Front plate</b> in anodised aluminum. Metal colour. Dimensions (LxHxD): 99x254x18 mm.	DPF/ME	£23.75

## ACCESSORIES

	<b>Desk mount for FUTURA IP monitor.</b>	KT VXL	£92.50
	<b>Flush mount box for FUTURA IP monitor.</b>	FUTURA BB	£26.25

# MILESIGHT CCTV



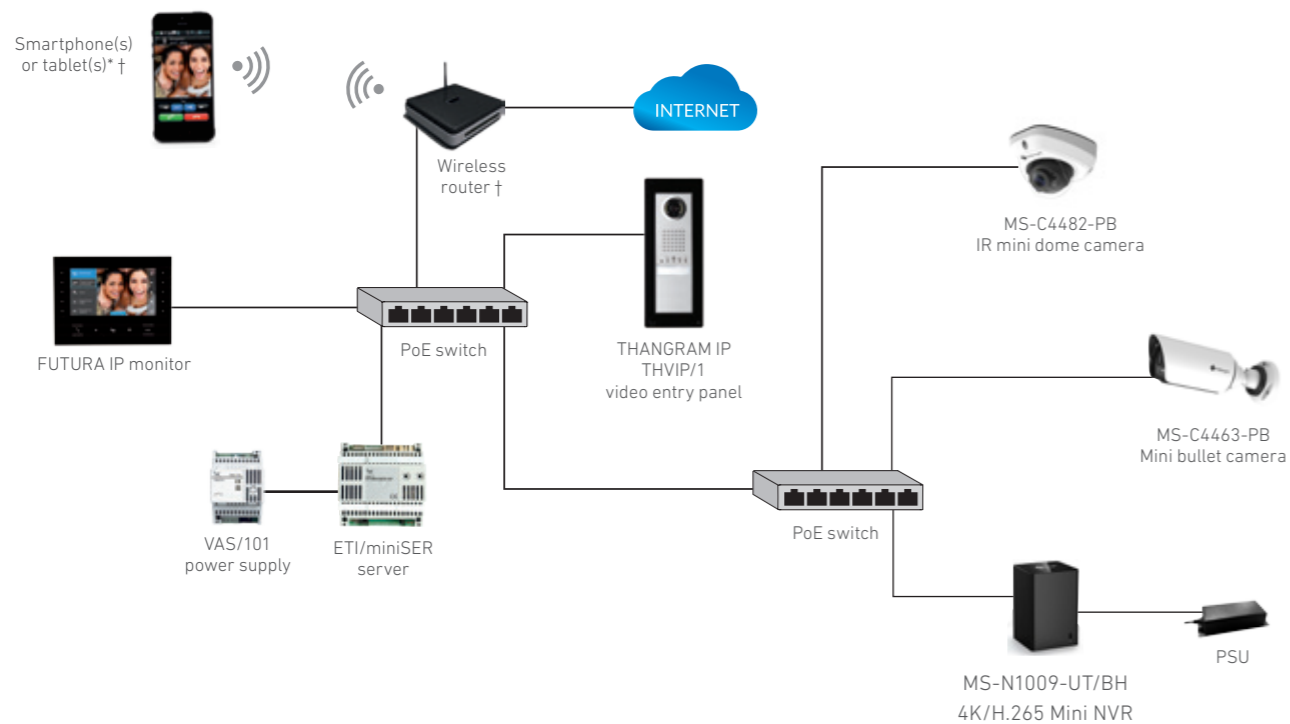
Milesight offer comprehensive IP video surveillance solutions.

Milesight will integrate seamlessly with the IP360 system and a wide variety of CAME BPT products.



## EXAMPLE CCTV LAYOUT

WITH MINISERVER & CCTV



## CCTV PRICELIST

### MINI SERIES

Article	Description	Resolution	Lens	Video compression	VGA	Code	Price
	<b>IR mini dome camera.</b>	2048*1536 @20fp	Fixed lens 3.6mm	H.264 H.265	✓	MS-C4482-PB 4.0MP	£187.80
	<b>Vandal-proof mini dome camera.</b>	2592*1520 @20fps	Fixed lens 3.6mm	H.264 H.265	✓	MS-C4473-PB 4.0MP	£213.90
	<b>MS-A73 adapter plate.</b> 15*122.5*10mm, 28g * ABS+PC * For side outlet.						£2.60
	<b>MS-A71 wall mount.</b> 140x215mm, 348g * Aluminum alloy * For wall or vertical structure.						£20.85
	<b>Mini bullet camera.</b>	2592*1520	Fixed lens 4mm	H.264 H.265	✓	MS-C4463-PB	£253.03

### NVR SERIES

Article	Description	MP support	On-board memory	Local display		Code	Price
				HDMI	VGA		
	<b>4K/H.265 Mini NVR.</b> 1* 100M/1000M. 2*USB2.0 interfaces.	3840*2160 (4K/8MP)	1TB	✓	N/A	MS-N1009-UT	£323.45
	<b>WD 1TB 2.5inch HDD.</b>	1TB capacity SATA3Gb/s (5400-7200)rpm. Can be added to the NVR for 2TB storage.				WD10JUCT	£247.80

### ACCESSORIES

Article	Description	Details	Code	Price
	<b>Pole mount.</b>	170*51.5*152.6mm, 720g. Installation environment: For strapping cameras on poles between 102-127mm (4.1-5 inches) in diameter. Applicable for all Milesight network cameras.	MS-A01	£26.08
	<b>Corner bracket (internal).</b>	170*23.2*205.3mm, 543g. For mounting cameras on an internal corner. Applicable for all Milesight network cameras.	MS-A02	£26.08
	<b>Corner bracket (external).</b>	170*152.6*76.3mm, 905g. For mounting cameras on an external corner. Applicable for all Milesight network cameras.	MS-A03	£26.08

### NETWORK SWITCHES

Article	Description	Details	Code	Price
	<b>Network switch.</b>	4-port PoE switch + 2 uplink ports. Power supply included.	XNS04P	£95.20
	<b>Network switch.</b>	8-port PoE switch + 1 Uplink port. Power supply included.	XNS08P	£190.38
	<b>Network switch.</b>	16-port PoE managed switch + 4 Uplink ports (2 ethernet and 2 optical). 100-240 VAC power supply.	XNS016PF	£872.65



CAME BPT - South - Tel: 01442 230 800 - Fax: 01442 244 729  
Liberta House, Maxted Road, Maylands Industrial Estate, Hemel Hempstead HP2 7DX

CAME BPT - Midlands - Tel: 0115 921 0430 - Fax: 0115 921 0431  
Unit 3, Orchard Park Industrial Estate, Town Street, Sandiacre, Nottingham NG10 5BP

CAME BPT - North - Tel: 0161 406 9800 - Fax: 0161 406 4791  
Unit 14, Latham Close, Bredbury Park Industrial Estate, Bredbury Stockport, SK6 2SD

CAME BPT - IRELAND - Tel: 01 429 5660 - Fax: 01 429 5956  
Unit A1, Ballymount Corporate Park, Ballymount, Dublin 12, IRELAND

[www.bpt.co.uk](http://www.bpt.co.uk)

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