



THANGRAM

Modular entry panels

Thangram is Bpt's line of modular entry panels: it is the first designed for use with the new IP digital technology system, and the only model that offers such superlative-quality colour video. The entry panels in the Thangram range are distinctive for their attractive, innovative styling, ultra-slim design, unparalleled performance and the possibility of creating any type of entry panel by combining just 7 elements. A new generation of entry panels that are both beautiful and sophisticated.

THANGRAM - FULL IP

The first FULL IP entry panel that can be directly connected within a LAN network

- Compatible with Bpt XIP System IP360
- PoE (Power over Ethernet) power supply
- Easy to set up via webpages
- Standard SIP video and VoIP protocols
- Recessed or wall-mounted installation
- Brushed chrome metal finish

Programming via webpages:

- Network set-up and SIP set-up of device
- Associating users and calls for scenarios with no server
- Door control set-up for systems with no server *
 - entering numerical codes from webpage
 - entering RFID badge/tag from webpage via USB reader
- Updating firmware from the web
- Event logs

* *time slots, weekly programming, holidays are not managed*

VERSIONS



Video version



Audio version

COMPATIBLE SYSTEMS



CAME BPT

IP360

TECHNICAL FEATURES

THANGRAM IP360

- Colour surveillance camera with 1/4" CMOS sensor with VGA resolution (640H x 480V)
- Angle of aperture 82° vertically, 100° horizontally
- Digital adjustment of surveillance camera picture. Digital zoom possible from internal receiver
- LED light for night vision
- Integrated speaker and microphone
- Speaker and microphone volume and lock activation delay time adjustable from webpage
- PoE and local power supply (12-24V DC)
- SIP Protocol
- H.264 video codec, G711 audio codec
- Integrated web server for set-up via webpages
- Autonomous management (without server) of calls to SIP devices (Futura IP, XIP, Mobile App, third-party devices)
- Voice synthesis for messages to the visually impaired
- LED with pictograms for door status, active call and call in progress messages.
- Blue backlighting of button plates, that can be turned off or adjusted for brightness

TERMINAL BOARDS/CONNECTORS:

- 8 terminals for connecting UTP CAT5 cable. Terminal board/female RJ45 plug adaptor
- Supplied to connect to systems with pre-assigned plugs
- Output for 12V solenoid lock
- 3 IN/OUT contacts with functions that can be programmed from webpage.
- Default settings: door release button, door contact input, entry panel activation output
- NO-C-NC 24V/1A relay output, programmable from webpage for generic activations
- CAN bus terminals for use of existing accessories (RIR/08, VLS/3)

Dimensions:

(LxHxD) 99x254x25 mm wall-mounted version

(LxHxD) 127x281x2* mm recessed version

*Recessed back-box: depth 54.5 mm; Protrusion from wall 2 mm

THANGRAM X1 & XIP

- Colour surveillance camera with 1/4" CMOS sensor with VGA resolution (640H x 480V)
- Angle of aperture 82° vertically, 100° horizontally
- Digital adjustment of surveillance camera picture.
- LED light for night vision
- Integrated speaker and microphone
- LED with pictograms for door status, active call and call in progress messages.
- Blue backlighting of button plates, that can be turned off or adjusted for brightness
- Supplied to connect to systems with pre-assigned plugs
- Output for 12V solenoid lock
- Default settings: door release button, door contact input, entry panel activation output
- CAN bus terminals for use of existing accessories (RIR/08, VLS/3)

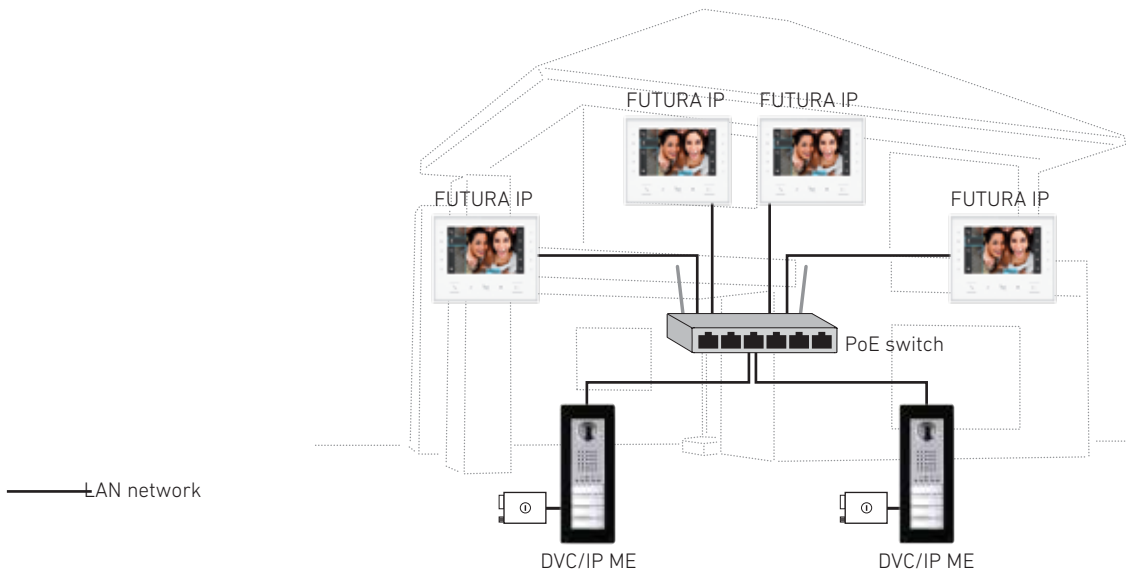
Dimensions:

(LxHxD) 99x254x25 mm wall-mounted version

(LxHxD) 127x281x2* mm recessed version

*Recessed back-box: depth 54.5 mm; Protrusion from wall 2 mm

IP SYSTEM EXAMPLE



IP ITEM CODES

Item

Description

VIDEO ENTRY PANEL

DC/IP ME

Audio entry panel; technopolymer body with brushed chrome Metal finish. IP54 Protection rating. Dimensions (LxHxD): 99x254x25 mm.

IP360

DVC/IP ME

Colour video entry panel; technopolymer body with brushed chrome Metal finish. IP54 Protection rating. Dimensions (LxHxD): 99x254x25 mm.

IP360

DPF AL

Decor panel in anodized aluminium. (Necessary for both DC/IP ME and DVC/IP ME).

PARTS RANGE

Video and audio entry panels

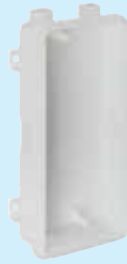


Audio entry panel
Metal



Video entry panel
Greyhound

For recessed installation



Embedding box



Frame
Greyhound



Wall rainshield



Embedding box



Thangram in the Greyhound version has an Aluminium finish front décor panel and can be personalised with all the available front décor panels. Thangram in the Metal version does not have a décor panel but can be personalised with all the available front décor panels.

ACCESSORIES

For audio receivers, video receivers and pushbutton panels



Supplementary pushbutton panel



Single pushbutton



Double-height pushbutton



Double pushbutton



Single cover
Greyhound



Single cover
Metal



Double cover
Greyhound



Double cover
Metal



Information module

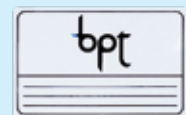
For entry panels with digital call and/or access control



RFID Reader



RFID identifiers
(keyring or badge versions)



Access control keypad
Greyhound



DCOMBO module



The supplementary pushbutton panel does not have a décor panel but can be personalised with all the available front décor panels.

EXAMPLES OF COMPOSITION

Pushbutton entry panels



Audio entry panel with 7 buttons



Video entry panel with 14 buttons



Entry panels with Keypad access control



Video entry panel and supplementary pushbutton panel



Entry panels with badge access control



Video entry panel and supplementary pushbutton panel



X1 & XIP ITEM CODES

Item	Description	
AUDIO ENTRY PANELS		
DC/01	Audio entry panel; thermoplastic body finished in Greyhound Grey and décor panel in Aluminium. Protection rating IP54. Dimensions (WxHxD): 99x254x25 mm.	X1
DC/08	Audio entry panel; thermoplastic body finished in Greyhound Grey and décor panel in Aluminium. Protection rating IP54. Dimensions (WxHxD): 99x254x25 mm.	XIP
VIDEO ENTRY PANELS		
DVC/01	Colour video entry panel; thermoplastic body finished in Greyhound Grey and décor panel in Aluminium. Protection rating IP54. Dimensions (WxHxD): 99x254x25 mm.	X1
DVC/08	Colour video entry panel; thermoplastic body finished in Greyhound Grey and décor panel in Aluminium. Protection rating IP54. Dimensions (WxHxD): 99x254x25 mm.	XIP
ACCESSORIES		
DP/0	Supplementary pushbutton panel for audio and video entry panels, thermoplastic.	
DPF AL	Décor panel in anodized aluminium, colour Aluminium.	
DPS	Single pushbutton.	
DPD	Double pushbutton.	
DPH	Double-height pushbutton.	
DTS	Single cover in PC/ABS thermoplastic.	
DTH	Double-height cover in PC/ABS thermoplastic.	
DCOMBO	Access control keypad with RFID and LCD display.	
DNA	Keypad in grey PC/ABS thermoplastic.	
DRFID	Key proximity reader.	
DTAG5	Proximity key – keyring version.	
DBAD10	Proximity key – badge version.	
DCI	Frame for recessed installation in grey PC/ABS thermoplastic. Dimensions (WxHxD): 127x280x30(1.2) mm.	
DSI	Embedding box in plastic. Dimensions (WxHxD): 140x294x54.5 mm.	
MPTA01	Mounting plate for 1 Thangram panel.	
MPTA02	Mounting plate for 2 Thangram panels.	
MPTA03	Mounting plate for 3 Thangram panels.	