

THANGRAM

Digital generation

Thangram is a Bpt's line of modular entry panels: it is the first designed for use with the new IP digital-technology system (XIP 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.



COMPATIBLE SYSTEMS



INTERNET PROTOCOL



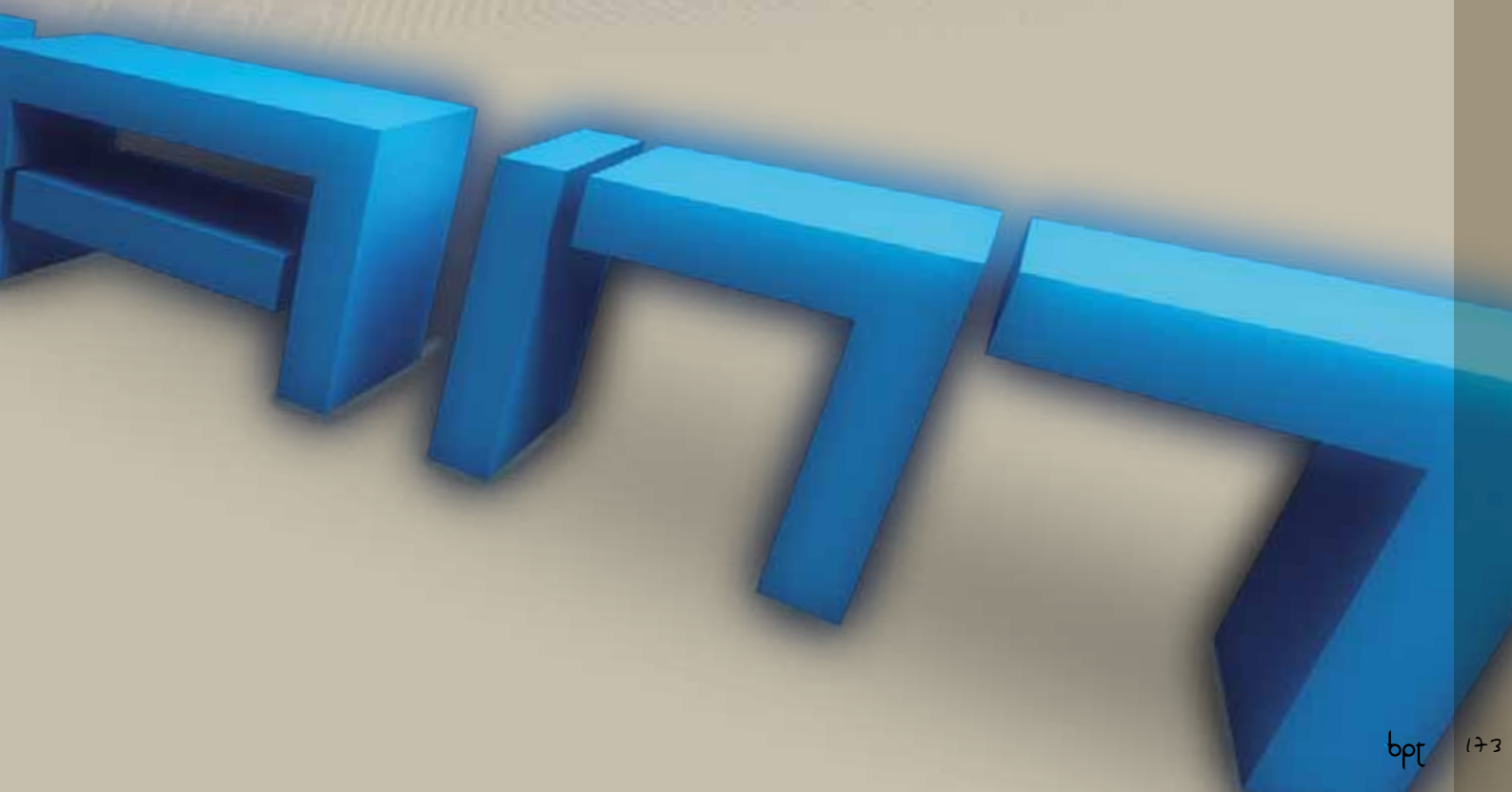
2 WIRES



GSM



Wall-mount version - thickness just **25mm**



PLUS

THE ONLY WALL-MOUNT ENTRY PANEL THAT'S JUST 25MM IN THICKNESS

At 25mm in thickness when wall-mounted and just 2mm when recessed, Thangram is the only ultra-slim entry panel that is eye-catching for its looks rather than for its bulk. With its attractive styling and clean lines, this new entry panel from Bpt artfully blends discreet millimetre-thin appearance with elegant, modern design. The internal components are positioned with care so that this entry panel is beautiful to look at but compact and refined, and will blend with any setting.



SUPERB VIDEO QUALITY, DAY AND NIGHT

The entry panels in the Thangram range feature cutting-edge technology in the form of sensors that utilize sophisticated digital image processing algorithms to give superlative video quality in any ambient conditions. In addition, the sophisticated light guide system, developed jointly with the Plast Optica Research Centre (a division of FIAT's research centre), guarantees perfect night-time illumination.



EXTERNAL FINISH

The Thangram line of external entry panels is available in a Greyhound or Metal finish. Coloured LEDs with silk-screened symbols for immediate identification of each function.



Greyhound



Metal

PLUS

SEVEN COMPONENTS, AN INFINITY OF COMBINATIONS

An infinite number of combinations using a small number of parts. In Oriental culture, Tangram (in Chinese the "seven boards of skill") is a game that stimulates the imagination and intuition. Bpt takes inspiration from this traditional game, creating a unique and highly-original range of entry panels which can be combined in numerous ways: Thangram. The seven elements of a video entry panel – a skilful blend of ancient tradition and the technology of the future.

COLOURS FOR DÉCOR PANELS

The Thangram range includes décor panels in numerous colours to give your entry panel a truly distinctive look. Thangram does not see things in black and white.



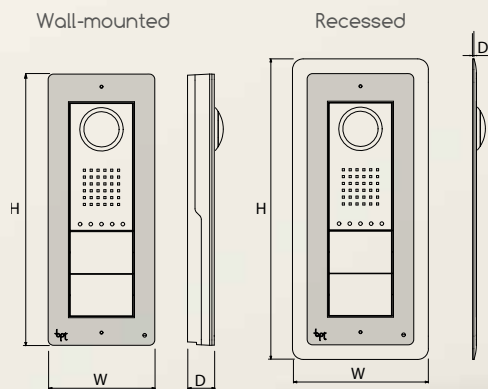
IMPACT-RESISTANT AND WATERTIGHT

The panels in the Thangram range are built to last. With their incredibly robust construction and IP54 protection rating, they truly have nothing to fear, day or night, summer or winter.

IP54



TECHNICAL CHARACTERISTICS - EXTERNAL



DIMENSIONS

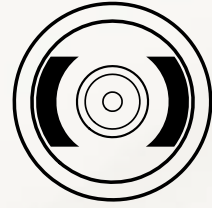
| | W (mm) | H (mm) | D (mm) |
|--------------|--------|--------|--------|
| Wall-mounted | 99 | 254 | 25 |
| Recessed | 127 | 281 | 2* |



(*) Embedding box: depth 54.5 mm; protrusion from wall: 2 mm.

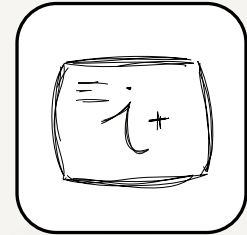
PERFECT COLOUR IN ANY LIGHT

The sophisticated light guide system, developed jointly with the Plast Optico Research Centre (a division of FIAT's research centre), guarantees perfect night-time illumination. The latest digital sensors, together with sophisticated image-processing algorithms, guarantee superlative video quality in any ambient conditions.



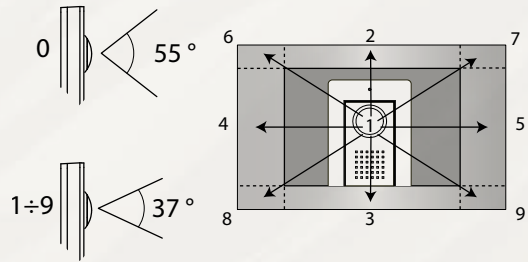
INFORMATION BY OSD

Using the OSD (On Screen Display), Thangram adds to the image from the entry panel a range of information such as door status (open / closed), the entry panel from which the call comes, etc. Information is available for any Bpt receiver . The function is activated simply by the programming tool (PCS / XIP).



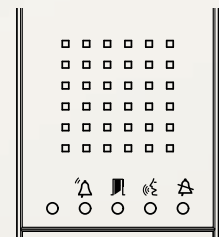
DIGITAL ADJUSTMENT OF ANGLE OF APERTURE

Thangram features the "wide eye" system (angle of lens aperture: 55°), which makes it possible to use the camera to display a wide field of vision (for example, from a distance of 50 cm from the entry panel, the camera can capture an image 86 cm in width and 57 cm in height). At the moment of installation of the entry panel, the angle of aperture can be reduced to as little as 37° by digitally adjusting the zoom, and the camera can be oriented in the desired direction.



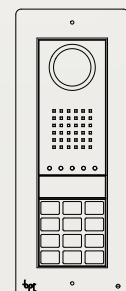
SUPERB AUDIO AND ACOUSTIC/VISUAL CONTROL OF STATUS

Special processing of the audio signal guarantees excellent performance even in the noisiest areas. Small details that make the product great: acoustic and visual signalling of the status and operation of the system make Thangram simple to use for the elderly and for those with problems of hearing or eyesight.



ACCESS CONTROL

Up to 500 different codes can be handled by manual programming, and up to 1,500 by programming with software tools. The access control keypad can also be used to make digital calls (numerical codes), which drastically reduces the dimensions of the external entry panel.



TECHNICAL CHARACTERISTICS - INTERNAL



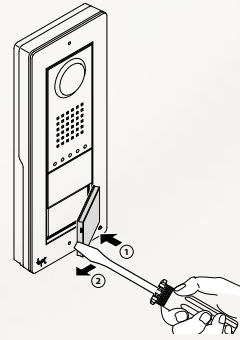
REFINED AND ELEGANT OUTSIDE, CLEAN AND SIMPLE INSIDE

Thangram is not merely sophisticated technology and Italian styling; it is also simplicity of installation and the internal layout of the components. The rational layout of all the components (potentiometers, terminals, microphone etc.) saves time during installation and set-up.

The circuit board is totally protected against atmospheric agents and possible damage during installation or maintenance.

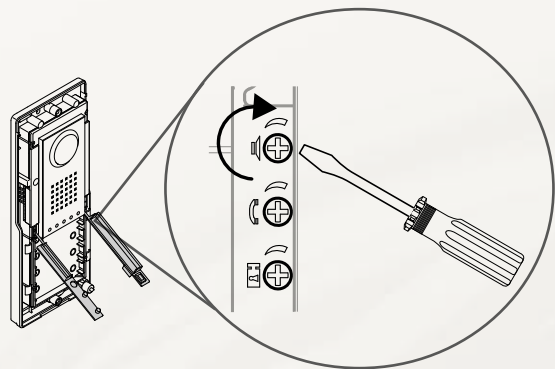
CHANGING THE NAME TAG IN TWO SWIFT STROKES

Replacement of the name tag is quick and easy, without having to remove the external surround. Using a screwdriver and lightly pressing the pushbutton cover, the name tag can easily be removed and replaced.



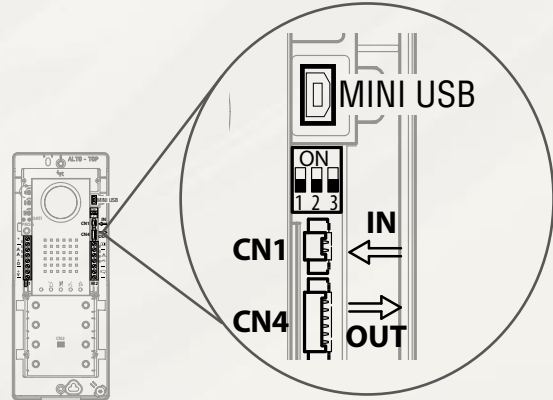
SIMPLE ADJUSTMENTS AND EASE OF ACCESS

The volume of the microphone and the loudspeaker and the actioning time for the door lock release can be adjusted simply by removing the front panel and lifting up the rubber protective covers, and without having to access any electrical parts.



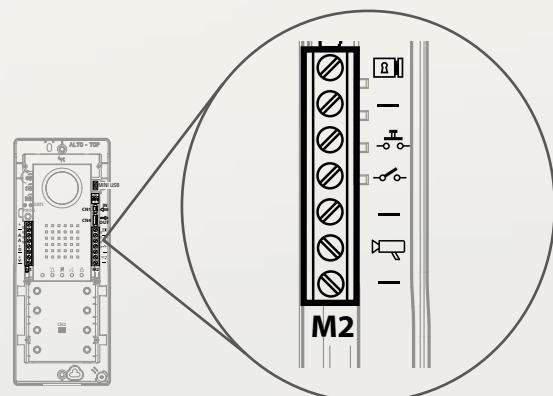
QUICK, EASY CONNECTIONS

The modular design of the unit is further facilitated by the use of flat cables with pre-fitted connectors, supplied as standard with the pushbutton panels. The external audio/video entry panel and the pushbutton panels are all connected using a pre-wired cable, making installation quicker and simpler. The socket for the software programming tool and the DIP-switches for adapting the line impedance (XIP version only) can be accessed by simply removing the protective rubber cover.



A COMPLETE RANGE OF FUNCTIONS FOR EVERY REQUIREMENT

Although extremely compact, Thangram features all the functions for which Bpt's entry panels are justly renowned, while at the same time the wiring could not be simpler. The "service" terminal strip can be used to connect the door lock, a door release button, a door status signalling device and an ON/OFF switch for external lighting systems.



COMPONENTS

AUDIO AND VIDEO ENTRY PANELS



Audio entry panel
Metal



Audio entry panel
Greyhound



Video entry panel
Metal



Audio entry panel
Greyhound



The Greyhound version of Thangram features a décor panel in Aluminium finish, and can be customized using all the other décor panels in the range.

The Metal version is supplied without a décor panel, but can be customized using all the décor panels in the range.

DÉCOR PANELS

Décor panels in a wide range of colours are available so that you can customize your Thangram entry panel as desired.

STANDARD DÉCOR PANELS



Metal



Matt Black



Aluminium

SPECIAL DÉCOR PANELS (AVAILABLE ON REQUEST)



Red



Orange



White



Glossy Black



Green



Blue

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

FOR ENTRY PANELS WITH DIGITAL CALL



Access keypad Greyhound



Access keypad Metal

FOR RECESSED INSTALLATION



Embedding box



Frame Greyhound



Frame Metal



Wall rainshield



Embedding box

EXAMPLES OF COMPOSITION

PUSHBUTTON ENTRY PANELS



Audio entry panel
with 7 buttons



Video entry panel
with 14 buttons

ENTRY PANELS WITH KEYPAD ACCESS CONTROL



Audio entry
panel



Video entry
panel



Video entry panel
and supplementary
pushbutton panel

DÉCOR PANELS



Entry panels in Greyhound finish are
fitted with décor panel in Aluminium



Entry panels in Metal finish are supplied
without the décor panel.
Any décor panel from our range may be fitted

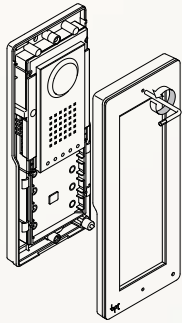
MAXIMUM EXPANDABILITY

Depending on the type of pushbutton selected, systems with more than 100 users can be created. Double pushbuttons can be used to create extra-compact entry panels.

| Type of pushbutton | Maximum number of Calls |
|---------------------------|-------------------------|
| Single pushbuttons | 104 |
| Double-height pushbuttons | 52 |
| Double pushbuttons | 108 |

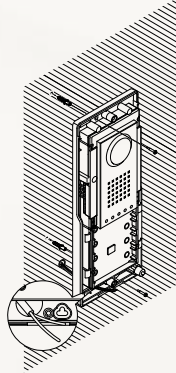
INSTALLATION

The entry panels in the Thangram range can be wall-mounted or recessed into the wall. For recessed installation, the embedding box and the décor panel must be ordered separately.



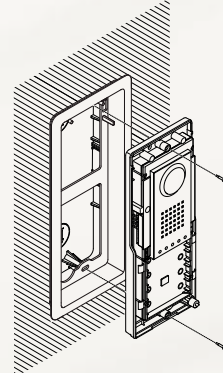
Easy fixing using the key included

WALL-MOUNTED



Wall-mount installation, thickness **25 mm**.

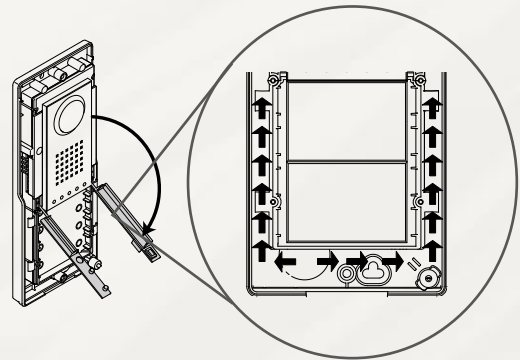
RECESSED



Recessed installation, thickness **2 mm**.

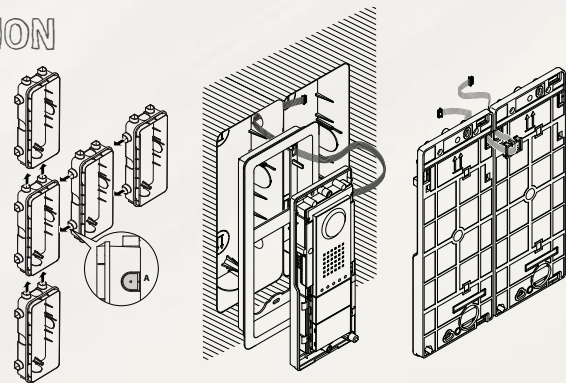
QUICK, SIMPLE WIRING

The protective rubber covers protect the terminal strips and the connections. All the wiring can be neatly and quickly positioned in the special conduits.



HORIZONTAL AND VERTICAL COMPOSITION

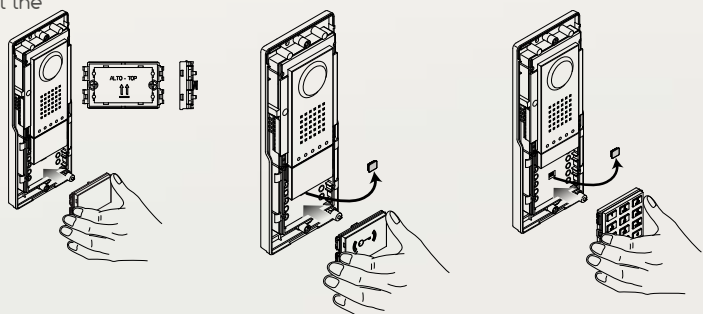
Whether to position the units horizontally or vertically (or both) is merely a question of aesthetics or dictated by the space available. Recessed installation is facilitated by self-locking embedding boxes, and the supplementary pushbutton panels are connected simply using the pre-wired flat cables (supplied).



Self-locking boxes

Flat-cable

Thanks to the exclusive "quick plug-in" system, assembling the various elements in Thangram is extremely simple: just insert the required module into an unused compartment and click it into position: Thangram..... child's play.



CODES

AUDIO ENTRY PANELS



DC/01 ME

Audio entry panel; thermoplastic body in satin-finish chrome

Circuit board for X1 system, microphone and loudspeaker
Protection rating IP 54
Dimensions (WxHxD): 99x254x25 mm
Décor panel not included

Adjustment of microphone/loudspeaker volume and door lock release time. Simple connection using pre-wired flat cables (supplied as standard) and mini USB connector for programming with software tool. Local command for door lock, inputs for door lock release buttons, door status signalling devices, output connector for activation of external cameras. Blue LEDs (8) for backlighting of keys with name label. LEDs for visual control of the status of the system: red "call connected" LED, green "door open" LED, yellow "call in progress" LED, blue "system busy" LED.



DC/01

Audio entry panel; thermoplastic body finished in Greyhound Grey and décor panel in Aluminium

Circuit board for X1 system, microphone and loudspeaker
Protection rating IP 54
Dimensions (WxHxD): 99x254x25 mm

Adjustment of microphone/loudspeaker volume and door lock release time. Simple connection using pre-wired flat cables (supplied as standard) and mini USB connector for programming with software tool. Local command for door lock, inputs for door lock release buttons, door status signalling devices, output connector for activation of external cameras. Blue LEDs (8) for backlighting of keys with name label. LEDs for visual control of the status of the system: red "call connected" LED, green "door open" LED, yellow "call in progress" LED, blue "system busy" LED.



DC/08 ME

Audio entry panel; thermoplastic body finished in Metal-colour satin-finish chrome

Circuit board for XIP, microphone and loudspeaker
Protection rating IP 54
Dimensions (WxHxD): 99x254x25 mm
Décor panel not included

Adjustment of microphone/loudspeaker volume and door lock release time. Simple connection using pre-wired flat cables (supplied as standard) and mini USB connector for programming with software tool. DIP-switches for adjustment of the line impedance. Local command for door lock, inputs for door lock release buttons, door status signalling devices, output connector for activation of external cameras. Blue LEDs (8) for backlighting of keys with name label. LEDs for visual control of the status of the system: red "call connected" LED, green "door open" LED, yellow "call in progress" LED, blue "system busy" LED.



DC/08

Audio entry panel; thermoplastic body finished in Greyhound Grey and décor panel in Aluminium

Circuit board for XIP, microphone and loudspeaker
Protection rating IP 54
Dimensions (WxHxD): 99x254x25 mm

Adjustment of microphone/loudspeaker volume and door lock release time. Simple connection using pre-wired flat cables (supplied as standard) and mini USB connector for programming with software tool. DIP-switches for adjustment of the line impedance. Local command for door lock, inputs for door lock release buttons, door status signalling devices, output connector for activation of external cameras. Blue LEDs (8) for backlighting of keys with name label. LEDs for visual control of the status of the system: red "call connected" LED, green "door open" LED, yellow "call in progress" LED, blue "system busy" LED.



Entry Panels
Thangram

VIDEO ENTRY PANELS



DVC/01 ME



Colour video entry panel; thermoplastic body finished in Metal-colour satin-finish chrome

Circuit board for X1 system, microphone and loudspeaker. NTSC/PAL video camera, resolution 680x512 with built-in microprocessor for digital signal processing, horizontal angle of aperture 82° with digitally-controlled zoom. Caller illumination using 4 high-efficiency LEDs.

Protection rating IP 54

Dimensions (WxHxD): 99x254x25 mm

Décor panel not included

Adjustment of microphone/loudspeaker volume and door lock release time. Simple connection using pre-wired flat cables (supplied as standard) and mini USB connector for programming with software tool. Local command for door lock, inputs for door lock release buttons, door status signalling devices, output connector for activation of external cameras. Blue LEDs (8) for backlighting of keys with name label. LEDs for visual control of the status of the system: red "call connected" LED, green "door open" LED, yellow "call in progress" LED, blue "system busy" LED.



DVC/01



Colour video entry panel; thermoplastic body finished in Greyhound Grey and décor panel in Aluminium

Circuit board for X1 system, microphone and loudspeaker. NTSC/PAL video camera, resolution 680x512 with built-in microprocessor for digital signal processing, horizontal angle of aperture 82° with digitally-controlled zoom. Caller illumination using 4 high-efficiency LEDs.

Protection rating IP 54

Dimensions (WxHxD): 99x254x25 mm

Adjustment of microphone/loudspeaker volume and door lock release time. Simple connection using pre-wired flat cables (supplied as standard) and mini USB connector for programming with software tool. Local command for door lock, inputs for door lock release buttons, door status signalling devices, output connector for activation of external cameras. Blue LEDs (8) for backlighting of keys with name label. LEDs for visual control of the status of the system: red "call connected" LED, green "door open" LED, yellow "call in progress" LED, blue "system busy" LED.



DVC/08 ME



Colour video entry panel; thermoplastic body finished in Metal-colour satin-finish chrome

Circuit board for XiP, microphone and loudspeaker.

NTSC/PAL video camera, resolution 680x512 with built-in microprocessor for digital signal processing, horizontal angle of aperture 82° with digitally-controlled zoom. Caller illumination using 4 high-efficiency LEDs

Protection rating IP 54

Dimensions (WxHxD): 99x254x25 mm

Décor panel not included

Adjustment of microphone/loudspeaker volume and door lock release time. Simple connection using pre-wired flat cables (supplied as standard) and mini USB connector for programming with software tool. DIP-switches for adjustment of the line impedance. Local command for door lock, inputs for door lock release buttons, door status signalling devices, output connector for activation of external cameras. Blue LEDs (8) for backlighting of keys with name label. LEDs for visual control of the status of the system: red "call connected" LED, green "door open" LED, yellow "call in progress" LED, blue "system busy" LED.



DVC/08



Colour video entry panel; thermoplastic body finished in Greyhound Grey and décor panel in Aluminium

Circuit board for XiP, microphone and loudspeaker.

NTSC/PAL video camera, resolution 680x512 with built-in microprocessor for digital signal processing, horizontal angle of aperture 82° with digitally-controlled zoom. Caller illumination using 4 high-efficiency LEDs

Protection rating IP 54

Dimensions (WxHxD): 99x254x25 mm

Adjustment of microphone/loudspeaker volume and door lock release time. Simple connection using pre-wired flat cables (supplied as standard) and mini USB connector for programming with software tool. DIP-switches for adjustment of the line impedance. Local command for door lock, inputs for door lock release buttons, door status signalling devices, output connector for activation of external cameras. Blue LEDs (8) for backlighting of keys with name label. LEDs for visual control of the status of the system: red "call connected" LED, green "door open" LED, yellow "call in progress" LED, blue "system busy" LED.

ACCESSORIES FOR INSTALLATION



DSI

Embedding box in plastic

With self-locking couplings and pre-formed push-out apertures for wiring conduits. Can be used with any entry panel and with the supplementary pushbutton panel (DP0).

Dimensions (WxHxD): 140x294x54.5 mm.



DCI

Frame for recessed installation in grey PC/ABS thermoplastic

For use with audio entry panels (DC/01, DC/08), video entry panels (DVC/01, DVC/08) and supplementary pushbutton panels (DP0).

Dimensions (WxHxD): 127x280x30 (1.2) mm.



DCI/ME

Frame for recessed installation in plastic with brushed chrome finish, Metal colour

For use with audio entry panels (DC/01 ME, DC/08 ME), video entry panels (DVC/01 ME, DVC/08 ME) and supplementary pushbutton panels (DP0).

Dimensions (WxHxD): 127x280x30 (1.2) mm.



DTP

Wall rainshield in painted stainless steel

To be used for audio entry panels (DC/01 ME, DC/08 ME), video entry panels (DVC/01 ME, DVC/08 ME) and DP0 push buttons panels.

Dimensions (WxHxD): 103,8x252,8x45,5 mm



DSM

Embedding box in galvanized stainless steel

To be used for audio entry panels (DC/01 ME, DC/08 ME), video entry panels (DVC/01 ME, DVC/08 ME) and DP0 push buttons panels.

Dimensions (WxHxD): 115x269x47 mm

DÉCOR PANELS



DPF/AL

Décor panel in anodized aluminium

For use with audio entry panels, video entry panels and supplementary pushbutton panels (DP0), colour Aluminium, support in grey PC/ABS thermoplastic.
Dimensions (WxHxD): 99x254x18 mm.



DPF/NF

Décor panel in anodized aluminium

For use with audio entry panels, video entry panels and supplementary pushbutton panels (DP0), colour Matt Black, support in grey PC/ABS thermoplastic.
Dimensions (WxHxD): 99x254x18 mm.



DPF/ME

Décor panel in anodized aluminium

For use with audio entry panels, video entry panels and supplementary pushbutton panels (DP0), colour Metal and support in grey PC/ABS thermoplastic.
Dimensions (WxHxD): 99x254x18 mm.



DPF/AR

Décor panel in anodized aluminium

For use with audio entry panels, video entry panels and supplementary pushbutton panels (DP0), colour Orange, support in grey PC/ABS thermoplastic.
Available on request.



DPF/BI

Décor panel in anodized aluminium

For use with audio entry panels, video entry panels and supplementary pushbutton panels (DP0), colour White, support in grey PC/ABS thermoplastic.
Available on request.



DPF/BL

Décor panel in anodized aluminium

For use with audio entry panels, video entry panels and supplementary pushbutton panels (DP0), colour Blue, support in grey PC/ABS thermoplastic.
Available on request.



DPF/NL

Décor panel in anodized aluminium

For use with audio entry panels, video entry panels and supplementary pushbutton panels (DP0), colour polished Black, support in grey PC/ABS thermoplastic.
Available on request.



DPF/RS

Décor panel in anodized aluminium

For use with audio entry panels, video entry panels and supplementary pushbutton panels (DP0), colour Red, support in grey PC/ABS thermoplastic.
Available on request.



DPF/VD

Décor panel in anodized aluminium

For use with audio entry panels, video entry panels and supplementary pushbutton panels (DP0), colour Green, support in grey PC/ABS thermoplastic.
Available on request.

SUPPLEMENTARY PUSHBUTTON PANEL, PUSHBUTTONS, COVERS



DPO

Supplementary pushbutton panel for audio and video entry panels, thermoplastic

Can be fitted with single or double pushbuttons (maximum 10) and double-height pushbuttons (maximum 5). Complete with 20 LEDs for backlighting of keys with name label.

Dimensions (WxHxD): 99x254x25 mm.



DPS

Single pushbutton complete with support and external protective cover, transparent UV-resistant polycarbonate

Name window. Dimensions (WxHxD): 20x60x14 mm.



DPH

Double-height pushbutton complete with support and external protective cover, transparent UV-resistant polycarbonate

Name window.
Dimensions (WxHxD): 40x60x14 mm.



DPD

Double pushbutton complete with support and external protective cover, transparent UV-resistant polycarbonate

Name window. Dimensions (WxHxD): 20x60x14 mm.



DTS

Single cover in PC/ABS thermoplastic, colour Greyhound Grey

For use with audio entry panels (DC/01, DC/08), video entry panels (DVC/01, DVC/08) and supplementary pushbutton panels (DP0).

Dimensions (WxHxD): 20x60x12 mm.



DTS/ME

Single cover in plastic with brushed chrome finish, colour Metal

For use with audio entry panels (DC/01 ME, DC/08 ME), video entry panels (DVC/01 ME, DVC/08 ME) and supplementary pushbutton panels (DP0).

Dimensions (WxHxD): 20x60x12 mm.



DTH

Double-height cover in PC/ABS thermoplastic, colour Greyhound Grey

For use with audio entry panels (DC/01, DC/08), video entry panels (DVC/01, DVC/08) and supplementary pushbutton panels (DP0).

Dimensions (WxHxD): 40x60x12 mm.



DTH/ME

Double-height cover in plastic with brushed chrome finish, colour Metal

For use with audio entry panels (DC/01 ME, DC/08 ME), video entry panels (DVC/01 ME, DVC/08 ME) and supplementary pushbutton panels (DP0).

Dimensions (WxHxD): 40x60x12 mm.



DMI

Thangram information form

Dimensions: 53x33x0,3 mm

ACCESSORIES FOR COMPOSITION OF ENTRY PANELS WITH DIGITAL CALL AND/OR ACCESS CONTROL



DNA

Keypad in grey PC/ABS thermoplastic with number keys (0 - 9) and two function keys for sending coded call and confirmation of access code

Suitable for use with any audio entry panel and video entry panel in the Thangram range (cannot be used with DPO pushbutton panel).

Dimensions: (WxHxD): 60x60x14 mm.



DNA/ME

Keypad in plastic in satin-finish chrome with number keys (0 - 9) and two function keys for sending coded call and confirmation of access code

Suitable for use with any audio entry panel and video entry panel in the Thangram range (cannot be used with DPO pushbutton panel).





Dimensions: (WxHxD): 60x60x14 mm.

ENTRY PANELS: TABLE OF COMPONENTS



| VIDEO ENTRY SYSTEM | | | |
|---|---|---|---|
| Greyhound | Metal | | |
| Video entry panel | Video entry panel | Décor panels in a choice of finishes | |
|  |  |  | |
| DVC/01 DVC/08 | DVC/01 ME DVC/08 ME | DPF/AL DPF/NF DPF/ME | |
| 1 | 1 | 1 | 1 |
| 2 | 1 | 1 | 1 |
| 3 | 1 | 1 | 1 |
| 4 | 1 | 1 | 1 |
| 5 | 1 | 1 | 1 |
| 6 | 1 | 1 | 1 |
| 7 | 1 | 1 | 1 |
| 8 | 1 | 1 | 1 |
| 9 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 |
| 11 | 1 | 1 | 1 |
| 12 | 1 | 1 | 1 |
| 13 | 1 | 1 | 1 |
| 14 | 1 | 1 | 1 |
| 15 | 1 | 1 | 1 |
| 16 | 1 | 1 | 1 |
| 17 | 1 | 1 | 1 |
| 18 | 1 | 1 | 1 |
| 19 | 1 | 1 | 1 |
| 20 | 1 | 1 | 1 |
| 21 | 1 | 1 | 1 |
| 22 | 1 | 1 | 1 |
| 23 | 1 | 1 | 1 |
| 24 | 1 | 1 | 1 |
| 25 | 1 | 1 | 1 |
| 26 | 1 | 1 | 1 |
| 27 | 1 | 1 | 1 |
| 28 | 1 | 1 | 1 |
| 29 | 1 | 1 | 1 |
| 30 | 1 | 1 | 1 |

ALTERNATIVE:




+

| Entry panels with single pushbuttons | | | |
|--|---|---|---|
| Supplementary pushbuttons | Décor panels in a choice of finishes | Push-buttons | Masking plates |
|  |  |  |  |
| DP/0 | DPF/AL DPF/NF DPF/ME | DPS | DTS DTS/ME |
| - | - | 1 | 3 |
| - | - | 2 | 2 |
| - | - | 3 | 1 |
| - | - | 4 | 0 |
| 1 | 1 | 5 | 9 |
| 1 | 1 | 6 | 8 |
| 1 | 1 | 7 | 7 |
| 1 | 1 | 8 | 6 |
| 1 | 1 | 9 | 5 |
| 1 | 1 | 10 | 4 |
| 1 | 1 | 11 | 3 |
| 1 | 1 | 12 | 2 |
| 1 | 1 | 13 | 1 |
| 1 | 1 | 14 | 0 |
| 2 | 2 | 15 | 9 |
| 2 | 2 | 16 | 8 |
| 2 | 2 | 17 | 7 |
| 2 | 2 | 18 | 6 |
| 2 | 2 | 19 | 5 |
| 2 | 2 | 20 | 4 |
| 2 | 2 | 21 | 3 |
| 2 | 2 | 22 | 2 |
| 2 | 2 | 23 | 1 |
| 2 | 2 | 24 | 0 |
| 3 | 3 | 25 | 9 |
| 3 | 3 | 26 | 8 |
| 3 | 3 | 27 | 7 |
| 3 | 3 | 28 | 6 |
| 3 | 3 | 29 | 5 |
| 3 | 3 | 30 | 4 |

USERS

| FOR AUDIO SYSTEMS | |
|---|---|
| Entry panel | Entry panel |
|  |  |
| DC/01 DC/08 | DC/01 ME DC/08 ME |

ALTERNATIVE:

| FOR RECESSED INSTALLATION: for each entry panel and each supplementary pushbutton panel, add: | | |
|---|---|---|
| Embedding box | Décor panel Greyhound | Décor panel Metal |
|  |  |  |
| DSI | DCI | DCI/ME |

ALTERNATIVE:

ADDITIONAL PUSHBUTTONS

Entry panels with double-height pushbuttons

ALTERNATIVE:

Additional pushbuttons Décor panels in a choice of finishes Pushbuttons Masking plates



DP/O

DPF/AL
DPF/NF
DPF/ME

DPH

DTH
DTH/ME

| | | | |
|---|---|----|---|
| - | - | 1 | 1 |
| - | - | 2 | 0 |
| 1 | 1 | 3 | 4 |
| 1 | 1 | 4 | 3 |
| 1 | 1 | 5 | 2 |
| 1 | 1 | 6 | 1 |
| 1 | 1 | 7 | 0 |
| 2 | 2 | 8 | 4 |
| 2 | 2 | 9 | 3 |
| 2 | 2 | 10 | 2 |
| 2 | 2 | 11 | 1 |
| 2 | 2 | 12 | 0 |
| 3 | 3 | 13 | 4 |
| 3 | 3 | 14 | 3 |
| 3 | 3 | 15 | 2 |
| 3 | 3 | 16 | 1 |
| 3 | 3 | 17 | 0 |
| 4 | 4 | 18 | 4 |
| 4 | 4 | 19 | 3 |
| 4 | 4 | 20 | 2 |
| 4 | 4 | 21 | 1 |
| 4 | 4 | 22 | 0 |
| 5 | 5 | 23 | 4 |
| 5 | 5 | 24 | 3 |
| 5 | 5 | 25 | 2 |
| 5 | 5 | 26 | 1 |
| 5 | 5 | 27 | 0 |
| 6 | 6 | 28 | 4 |
| 6 | 6 | 29 | 3 |
| 6 | 6 | 30 | 2 |

ALTERNATIVE:

Entry panels with double pushbuttons

Additional pushbuttons Décor panels in a choice of finishes Pushbuttons Masking plates



DP/O

DPF/AL
DPF/NF
DPF/ME

DPD

DTS
DTS/ME

| | | | |
|---|---|----|---|
| - | - | 1 | 3 |
| - | - | 1 | 3 |
| - | - | 2 | 2 |
| - | - | 2 | 2 |
| - | - | 3 | 1 |
| - | - | 3 | 1 |
| - | - | 4 | 0 |
| - | - | 4 | 0 |
| 1 | 1 | 5 | 9 |
| 1 | 1 | 5 | 9 |
| 1 | 1 | 6 | 8 |
| 1 | 1 | 6 | 8 |
| 1 | 1 | 7 | 7 |
| 1 | 1 | 7 | 7 |
| 1 | 1 | 8 | 6 |
| 1 | 1 | 8 | 6 |
| 1 | 1 | 9 | 5 |
| 1 | 1 | 9 | 5 |
| 1 | 1 | 10 | 4 |
| 1 | 1 | 10 | 4 |
| 1 | 1 | 11 | 3 |
| 1 | 1 | 11 | 3 |
| 1 | 1 | 12 | 2 |
| 1 | 1 | 12 | 2 |
| 1 | 1 | 13 | 1 |
| 1 | 1 | 13 | 1 |
| 1 | 1 | 14 | 0 |
| 1 | 1 | 14 | 0 |
| 2 | 2 | 15 | 9 |
| 2 | 2 | 15 | 9 |

EXAMPLES OF COMPOSITION

