

OUTSTANDING IMAGE QUALITY



FEATURES

- Weather resistant IP65 enclosure designed for external use
- Integral speaker and microphone, high audio output (85dB)
- Large call button, progress LED
- High resolution colour camera with wide dynamic range
- Bright yellow die cast aluminium fascia
- Black die cast aluminium back box

DESCRIPTION

The Videcom VC-7000 series is a range of easy to install, easy to configure and easy to operate vandal resistant audio/video equipment, designed to enable you and your clients to install reliable vandal resistant video intercom systems.

The HiRes WiDynamic single button external Videcom outstation is a vandal resistant IP65 bright yellow and black die cast aluminium outstation designed for external use.

The unit has an integral microphone and speaker and is fitted with large vandal resistant call button and a call progress. Speaker and microphone volume are adjustable to suite the operating environment with a maximum output of 85dB for noisy areas.

The camera image sensor is a high resolution 720x540, sensor with a wide dynamic range, this type of sensor produces outstanding image quality in high contrast scenes e.g. doorways and entrances.

The image sensor also benefits from automatic white balance with adjustable colour temperature to allow for artificial lighting condition such as fluorescent illuminators

The Videcom camera unit is mounted in a vandal resistant dome with manual pan and tilt adjust and is can be supplied with a 2.5mm, 2.9mm, 4.3mm, 6mm, or 8mm lens to providing a range of 'zoom' options.

External Videcom outstations are supplied with black painted surface mount back boxes.

STANDARD CAMERAS

Standard cameras can over expose highlights, under expose low lights or both depending on the aiming point. Over exposure can cause secondary effect such as whiteouts. Under exposure can cause granulation and patterning.

WIDE DYNAMIC RANGE

Wide dynamic range sensors capture images adjust the image to match light are dark areas of the scene. Bright areas are darkened, dark areas are brightened, vertical smear and pixel blooming are reduced resulting in more accurate colour rendering under difficult lighting conditions, such as backlighting, glare and other high contract scenes.

IMAGE QUALITY COMPARISON



STANDARD CAMERA

- Highlights are over exposed
- Star burst effect from sun
- Dark areas are under exposed
- Patterning on face
- Standard resolution
- Low detail



HIGH RESOLUTION WIDE DYNAMIC RANGE VIDECOM CAMERA

- Improved colour rendition
- Highlights reduced
- Dark areas brightened
- Increased resolution
- High levels of details in face and background even with wider view
- No patterning
- **OUTSTANDING IMAGE QUALITY**

PARTS

VC 7000-102

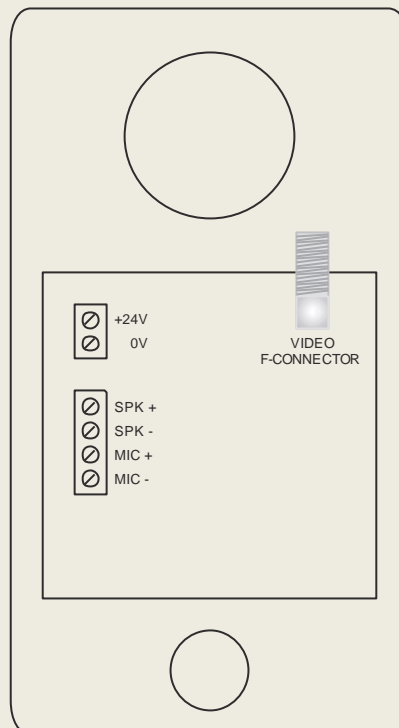
Surface mount, aluminium, vandal resistant dynamic Videcom outstation

SPECIFICATIONS

| | |
|-------------------------|---|
| Fascia: | Aluminium, bright yellow finish, black annotation |
| Surface back box: | Mild steel, black finish |
| Dimensions: | Width:130mm, Height:190mm, (approx.) |
| Power: | Line powered |
| Audio output: | Max:85dB |
| Image sensor: | 1/3", 720 H x 540V pixel. |
| Video: | 1 Vp-p composite, 75 Ohm PAL (colour) |
| Dynamic range settings | Off, low, middle, high |
| Automatic white balance | Manual select 2,000K-11,000K |
| Gamma correction | Auto, manual |
| Backlight compensation | Adjustable zone |
| AGC settings | Off low, middle, high |
| Min illumination | 0.6 Lux |

CONNECTIONS

HIGH RESOLUTION WIDE DYNAMIC VIDECOM OUTSTATION



Folknoll



Videcom Systems

VC 7000-102

HiRes WiDynamic External Outstation

VC 7700-102 DS1 V101 10/09/2010 Videcom Systems HiRes WiDynamic External Outstation

DESIGNED FOR LIFE

At Folknoll all equipment is designed by experience engineers for ease of operation installation and operation. In particular the design of all Folknoll Videcom Systems systems have taken into account the BS requirement to use larger fire resistant cabling, providing cable termination within enclosures, allowing room for larger glands and avoiding the need for additional junction boxes.

CUSTOM UNITS

Folknoll is a customer focused company. If you need special software features, custom made units or larger systems, then please contact Folknoll to discuss your requirements.

FURTHER INFORMATION

Please contact us for further information about the wide range of Folknoll products and systems.

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