



WEATHER RESISTANT HIGH DYNAMIC OUTSTATION

High resolution wide dynamic video camera
for better user identification

Integral speaker and microphone, high audio output (max: 80dB)

Large, black, call button (initiates voice call)

Red call progress LED (indicates call state and reassures user)

Line powered

Bright yellow, die-cast aluminium faceplate

Forms IP 65 surface mount enclosure
when matched to Folknoll back box

Anti-tamper fixings available

Weather resistant design

OUTSTANDING IMAGE QUALITY

VIDECOM INTERCOM SYSTEMS

The VC-7000 Videcom 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 intercom systems with optional video.

VIDECOM OUTSTATIONS

Videcom outstations are installed in strategic areas to enable users to contact operators for assistance.

VC 7000-102: EXTERNAL HIGH DYNAMIC OUTSTATION

The VC 7000-102 is an enhanced, weather-resistant, audio-visual, outstation. It is housed in an IP65, surface mount enclosure with highly visible, bright yellow faceplate and black painted base. This unit has a large black, call button and separate call progress LED. The internal microphone and speaker levels are adjustable, offering a maximum output of 80dB for locations with high background noise.

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

ENCLOSURE

The faceplate is formed from yellow painted, die-cast, aluminium which forms a hard wearing, IP65, surface mount enclosure when fitted to our custom back box. Our custom back box is made from black painted aluminium and is usually supplied with the outstation.

STANDARD VIDEO SENSORS

Standard sensors are prone to over exposing highlights, under exposing low lights or – depending on the aiming point - both in this same scene. depending on the aiming point. Over exposure can cause secondary effect such as whiteouts. Under exposure can cause granulation and patterning. This is a particular problem for fixed camera, where the operator has limited adjustments - and probably does not have time to fiddle with settings - such as cameras typically used in video intercoms.



STANDARD SENSOR

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

LOW IMAGE QUALITY

WIDE DYNAMIC RANGE VIDEO SENSORS

Wide-dynamic-range sensors automatically adjust the image to level-up light and 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-contrast scenes.



HIGH RESOLUTION WIDE DYNAMIC RANGE VIDECOM CAMERA

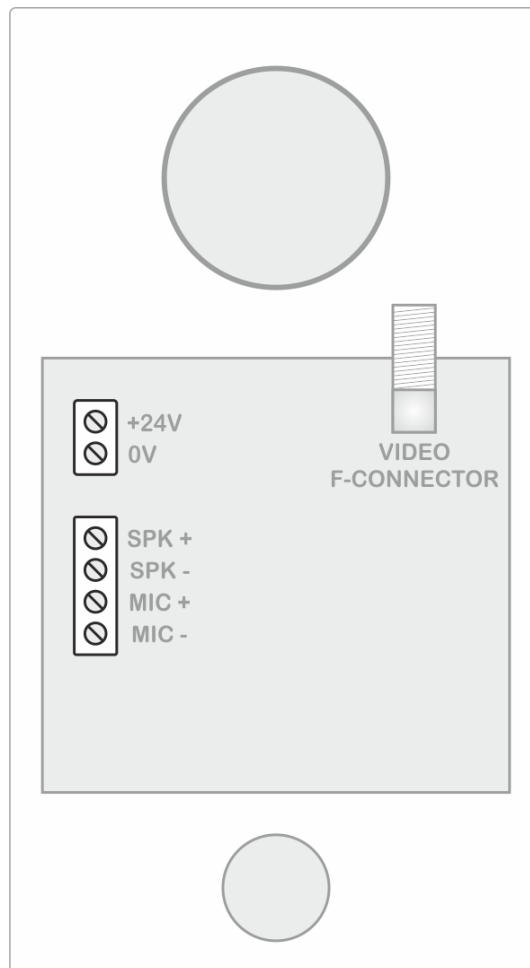
- Improved colour rendition
- Highlights reduced
- Dark areas brightened
- Increased resolution
- High levels of details in face and background even with wider view
- No patterning

OUTSTANDING IMAGE QUALITY

SPECIFICATIONS

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
Audio:	Internal microphone and speaker
Audio output:	Adjustable (max. 80dB)
Call button:	Large, vandal-resistant, push button (other buttons on request)
Call progress indicator:	Separate red LED (other colours on request)
Power:	Line powered
Ingress protection:	IP65 when mounted on matching back box
Construction:	Yellow painted, die-cast aluminium
Mounting:	Custom black painted, die-cast aluminium, surface back box
Dimensions (plate):	Width: 120mm, height: 220mm, depth: 20mm (approx.)
Dimensions (on back box):	Width: 120mm, height: 220mm, depth: 80mm (approx.)

CONNECTIONS



ABOUT FOLKNOLL

We are a UK based systems design, manufacturing and installation company. Since 1975 we have been supplying tough, reliable, practical, alarm and control systems for the private and public sectors. All of our products and systems have been designed for easy installation and low maintenance by experienced engineers. As original manufacturers, all of our products and systems can be customised to suit your requirements. We also offer individual annotation, custom engraving and special finishes for all of our equipment.

GET IN TOUCH

Please contact us for further information about our wide range of products and services and find out how we can provide a solution for you.



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