



Uniclass
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Cell Camera — CVH 540/CVH 580

Vandal-Resistant Ligature Free

Features and Benefits

Cell cameras with no ligature points and maximum vandal resistance

Colour/monochrome IR cameras provide pictures in complete darkness

Can be integrated with existing custody recording systems

Options for audio monitoring and/or two way audio intercom facilities

Optional Video Mask

Closed circuit (CCTV) technology is increasingly being utilised as a tool for recording and monitoring police and prison cells to provide an enhanced level of care, whilst allowing transparency of police treatment of prisoners.

Cell Cameras

ClearView Communications' cell ligature-free cameras are in use by many police forces requiring coverage of vulnerable cells within custody suites.



The cameras are provided in specially designed "cell" housings and are available as either colour/mono 580 TVL or colour 540 TVL versions. Both cameras have a wide angle 2.6mm auto iris lens. The camera provides a complete view of the cell which includes the area directly under the camera itself.

In-built "Black" 850nm infra-red illumination is available as a camera option. This leaves the cell in complete darkness at night, as far as the prisoner is concerned, but provides bright illumination for clear video pictures. The cameras are designed with no sharp protrusions or ligature points and provide the highest level of vandal resistance.

Optional Mask

To protect the privacy of prisoners, an optional video masking facility is available to cover the WC area. The area of mask may be set according to the size and position required. The mask may be permanent on all live and recorded video. However software options are available to allow authorised users to remove the mast on replay if required.

Optional Audio

An optional in-built high sensitivity microphone may be provided. This does not require batteries or separate mains power. It will pick up all sound within the cell. An optional facility is also available to allow the custody sergeant to communicate with each cell from the charge desk. A two-way conference can therefore be held between the desk and cell.

CVH 580/540

Technical Specifications

Pick - up device : 1/3 interline transfer CCD Scanning:
625 lines 2:1 interface
Sync: Internal
Lens: Fixed 2.6 mm
Resolution: Colour/Mono 540 TVL Mono 580TVL
Sensitivity: 0.1 lux 0.05 lux
Power requirement: 12VDC \pm 1V (24VAC option)
Power consumption: 220mA (without IR lamp)
400mA (with IR lamp)

Shutter control: 1/50—1/10,000
Back light compensation: Automatic
Automatic gain control: Automatic
White balance (colour) Automatic
Iris control: Auto-iris
Video output signal: Composite
S/N ratio: More than 48dB (AGC off)
Temperature: -10—45° C

OPERATIONAL

Field of view adjustments: Camera position may be adjusted horizontally and vertically in the housing
Locking system: Recessed tamper resistant security fixings (tool supplied)

MECHANICAL

External dimensions: 358.5 x 312mm
Weight: 840g (inc. camera and lens)
Construction: Heavy guage steel plate
Camera window: LEXAN™ with MARGUARD™ scratch resistant coating
Finish: External: Textured enamel (black)
Choice of colour available on request

