

CM230IR High Security Camera

The CM230IR forms part of a range of cameras from Conway designed to meet the challenges of environments such as custody suites, prison cells, elevators and public spaces where the installation could be susceptible to physical attack or interference. The unique design of the front panel gives exceptional protection for the camera and lens assembly. Additionally the flush-mounted front facia minimises the risk of the unit being used to attach ligatures. This is important in applications where self-harm is a concern.

The CM230IR is manufactured with a high-quality steel frame that is designed to fit in irregular corners. The front panel consists of a machined steel plate with Lexan™ viewing window. The front panel is further strengthened by a sandwich of machined Acetal that is over 20mm thick.

The inclusion of IR LED illumination ensures that the camera can deliver high quality pictures regardless of light conditions and with the option of 940nm, the CM range is also a very discreet observation solution.

Installation and set-up are straightforward with the two-piece design. The installer firstly fits the frame of the camera and completes the cabling. The camera and front panel can then be offered up to the frame and adjusted for focus and angle. Another unique feature of the CM230IR is the amount of camera angle adjustment that can be achieved. This means the camera can be installed in the room without compromising the room coverage required. As the camera is housed in its own spherical enclosure the chances of damaging the unit during installation and configuration are minimal. Once this is done the installation is completed by fitting the front panel using stainless steel security screws.

The option of a microphone fitted in the housing completes a comprehensive security package.

Typical Applications

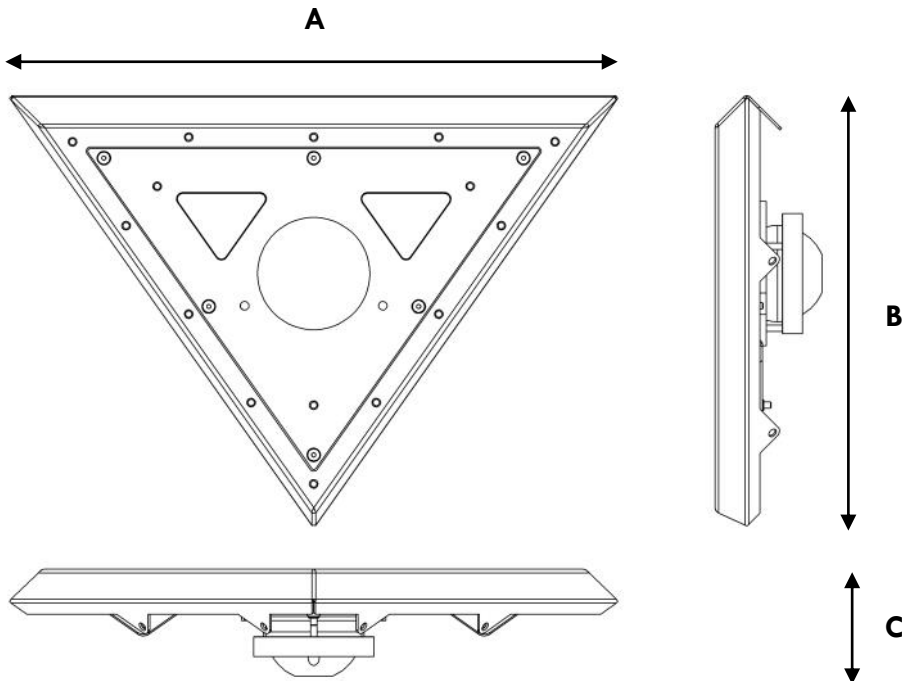
Custodial Suites ● Elevators ● Psychiatric Wards ● Interview Rooms ● Stairwells ● Immigration Centres ● Medical Observation Rooms ● Workshops ● Barns

Models

| | |
|---------|---|
| CM230IR | Day/night camera 2.5mm lens |
| /a | Optional integrated microphone assembly |

- High resolution camera
-
- IR illumination
-
- Privacy masking
-
- On-screen display
-
- Vandal resistant
-
- Anti-ligature design front panel
-
- Angled design for maximum room coverage
-
- Unique camera mount for maximum angle adjustment
-
- Lexan™ screen
-
- Corner mounting (can mount in irregular corners)
-
- Photocell IR switching
-
- Anti-tamper fixings
-
- Manufactured to weatherproof standard BS.EN60529 Level IP65
-
- Audio (optional)





Dimensions (mms)

| | |
|---|-----|
| A | 370 |
| B | 266 |
| C | 81 |

Special Finishes

The CM230IR is available in a variety of special paint finishes. It can also be produced with a brushed aluminium or stainless steel front plate to suit environments such as elevators.

| Technical Data | | CM230IR |
|--------------------------|--|---------|
| Camera | | |
| Sensor | 1/3" Hyper Wide Dynamic Colour Camera (Sony Effio WDR) | |
| Sensitivity | 0.1lux @ f1.2 (colour) 0.05lux @ f1.2 (mono) | |
| IR Cut Filter | Yes | |
| Wide Dynamic | Yes | |
| Lens | 2.5mm standard | |
| Horizontal Angle of View | 90° (2.5mm lens) | |
| Resolution | 680tvl colour 700tvl mono | |
| Mechanical | | |
| Main Construction | Machined steel front panel | |
| Front Plate | Machined steel fascia with Acetal inner | |
| Screen | Clear Lexan™ | |
| Fixings | Anti-tamper, stainless steel | |
| Environmental Standard | IP65 | |
| Operational Range | -10°C - +50°C | |
| Weight | 3.2kg | |
| Finish | Ral9010 powder coat smooth | |
| Power Consumption | 3 watts | |

Related Products

High Security Cameras
CM230IR-EXT CM230,
CM180DN

Internal Vandal Resistant Housings
IHC4, IHW4, IHW4/ck

External Vandal Resistant Housings
EHC4, EHW4, EHW4/ck, VEH4



*Designed &
Manufactured in the
UK by...*

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