

## Conway CD1 Housing

The CD1 is a miniature vandal resistant security solution ideal for the toughest of environments. The housing with its spun stainless steel construction is perfectly suited for applications where strength and discretion are a requirement.

The CD1 has a flat polycarbonate screen. The camera's view is therefore not distorted which can be a characteristic of viewing through a curved surface. The screen is replaceable so in the unlikely event that the screen is damaged in an attack it can be changed easily, on site.

The CD1 is extremely versatile and is available in three different formats. The **single** unit has one camera looking out of the side. The **double** unit has two cameras looking out each way at 180° degrees to each other. The **wall** mount allows a single camera to look at 90° degrees to the wall.

As there are no angular edges, the CD1 is safe to use in all public areas especially where ceiling height is an issue. The curves also deflect blows in the event of an attack. The CD1 is manufactured using a spinning process which adds further strength to the material, and the standard heater adds to the list of environments where the CD1 will perform effectively.

The cradle inside the housing allows fixing of two cameras simultaneously, as utilised in the double, to gain maximum coverage of an area from a single vantage point.

As with all products in the Conway range, the CD1 can be supplied in colours to suit particular surroundings.

A choice of cameras and lenses completes the package and ensures that the CD1 is suited for all applications.

The CD1 is available in paint finishes to conform with BS476:Part 7 (Fire tests on building and structures). Please contact our sales department for details.

Pictures not shown to scale

*1.2mm spun stainless steel  
construction*

*Tough vandal resistant design*

*High resolution colour or  
monochrome cameras*

*Wide variety of lenses  
available*

*Manufactured to IP66  
environmental rating*

*Flat U.V. resistant  
polycarbonate screen*

*Models for ceiling, wall  
mounting and multiple camera  
applications*

*Camera mounted on adjustable  
cradle*

*Cables feed directly into  
housing to prevent tamper*

*Internal cable termination*

*PTC heater*

*Variety of finishes available*

CD1 Housing



1/3" CCD



450 TV lines - Colour  
570 TV lines - Mono



0.5 lux - Colour  
0.05 lux - Mono



Supply  
voltage: 12Vdc



IP66

**Conway**  
SECURITY PRODUCTS

CD1 Housing

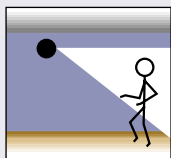
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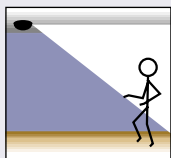
## CD1 Housing



WALL MOUNTED UNIT



Wall mounted single unit side viewing

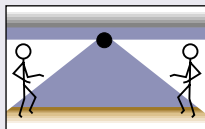


Ceiling mounted single unit

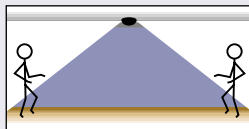
**PART NUMBERS**

**Colour:** CD1/colour/2.3mm, CD1/colour/4.0mm, CD1/colour/8.0mm

**Mono:** CD1/mono/2.3mm, CD1/mono/4.0mm, CD1/mono/8.0mm



Wall mounted double unit

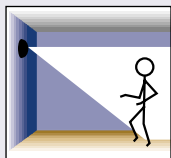


Ceiling mounted double unit

**PART NUMBERS**

**Colour:** CD1/colour/d/2.3mm, CD1/colour/d/4.0mm, CD1/colour/d/8.0mm

**Mono:** CD1/mono/d/2.3mm, CD1/mono/d/4.0mm, CD1/mono/d/8.0mm



Wall mounted single unit

**PART NUMBERS**

**Colour:** CD1/colour/w/2.3mm, CD1/colour/w/4.0mm, CD1/colour/w/8.0mm

**Mono:** CD1/mono/w/2.3mm, CD1/mono/w/4.0mm, CD1/mono/w/8.0mm

### VIDEO SPECIFICATIONS – COLOUR

Image Sensor	1/3" inter-line colour CCD
Effective Pixels	752 (H) x 582 (V) – 437,664 pixels
TV system	PAL (NTSC option available)
Horizontal Resolution	> 450tvl
Lens Options	f=2.3mm, f=4.0mm or f=8.0mm
Minimum Scene Illumination	0.5 lux (Output level 50%/AGC on +39dB/F1.4) 0.25 lux (Output level 50%/AGC on +48dB/F1.4)
S/N ratio	Better than 50dB (AGC off)
Supply Voltage	12vdc
Camera Current Consumption	250mA at 12vdc
Working Temperature	-5°C to +60°C

### VIDEO SPECIFICATIONS – MONOCHROME

Image Sensor	1/3" inter-line black & white CCD
Effective Pixels	752 (H) x 582 (V) – 437,664 pixels
TV system	PAL (NTSC option available)
Horizontal Resolution	> 570tvl
Lens Options	f=2.3mm, f=4.0mm or f=8.0mm
Minimum Scene Illumination	0.05 lux (Output level 50%/AGC on /F1.4)
S/N ratio	Better than 53dB (AGC off)
Supply Voltage	12vdc
Camera Current Consumption	208mA at 12vdc
Working Temperature	-5°C to +45°C

### HOUSING SPECIFICATIONS

Material	1.2mm stainless steel (3CR12)
Construction	Spun
IP Rating	66
Screen	Flat U.V. resistant polycarbonate
Fixings	Stainless steel
Finish	White polyester texture
Heater Voltage	12v
Heater Current Consumption	0.5amp In-rush for maximum of 1 second 1.7amps)
Seal	EPDM gasket

Due to a policy of continual improvement, specifications may be subject to change.