

Professional Full HD Speed Dome Camera with 120x Optical Zoom, Wide Dynamic Range and 25m Number Plate Recognition (Model: XHC1080S12)



The XHC1080S12 is ideal for high end applications where coverage of large areas is needed and has up to 120x zoom (12x optical + 10x digital). It offers superb full HD 1080P resolution images that are up to 7x the resolution of standard CCTV systems.

The camera has an advanced DSP chip which processes images in real time and improves them by using Digital Noise Reduction and Wide Dynamic Range to produce an even image, that does not suffer from bright or dark spots.

The speed dome features a high quality, high speed, electronic motor for smooth and quick Pan, Tilt and Zoom functionality. The combination of Sony full HD 1080P sensor and Auto Focus Zoom lens offer stunning image quality and great performance even in low light applications. For use in complete darkness the camera is IR sensitive, allowing it to be used with additional IR lamps.



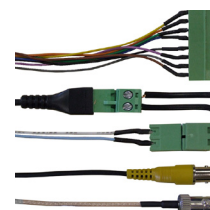
Camera - Front



Camera - Side



Camera - Rear



Camera - Connections

Specifications

Model: XHC1080S12

Image



Type

Style Professional HD-SDI Speed Dome Camera

Weather Resistant Yes (IP66 rated)

Vandal Resistant Yes

Mounting Type Wall

Dimensions (with bracket): Width: 341.2mm, Height: 254.9mm, Depth: 166.4mm

Weight 2.2kg

Warranty 1 Year Warranty (extendable to 3 years)

Image Sensor/DSP

Sensor Type 2.1 Megapixel Sony Exmor R CMOS

DSP Type Advanced 1080P

DSP Functions
 Automatic White Balance
 Automatic Gain Control
 Automatic Electronic Iris
 Backlight Compensation
 DNR (Digital Noise Reduction)
 WDR (Wide Dynamic Range)
 True Day/Night

Performance

Resolution 1080P

Minimum Illumination 0.1 Lux

Night Vision Yes (Optional IR Lamp Required)

Lens

Type 12x Optical Lens

Size 5.0 to 60.0mm

Viewing Angle: 5 to 52°

Power Requirements

Operating Voltage: 24V AC

Suggested Power Supply: 24V AC

Connections

Video Output: BNC Socket

Audio Output: N/A

Power Input: DC Socket

RS485 Terminal Block

Other