

# Professional Full HD Dome Camera with 25m IR Night Vision, Wide Dynamic Range and Digital Noise Reduction (Model: XHC1080D)



The Xvision Professional XHC1080D is an HD-SDI Dome Camera with up to 25m IR Night Vision that displays and records images at 1080P full HD resolution. The systems use standard RG59 co-axial cable, making them as simple to install, commission and because images are sent uncompressed to the DVR, there is no latency caused by the camera.

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

The camera is equipped with a high quality wide angle megapixel lens for good coverage in all applications.



Camera - Front



Camera - Side



Camera - Rear



Camera - Connections

# Specifications

Model: XHC1080D

Image



## Type

Style	Professional HD-SDI Dome Camera
Weather Resistant	No
Vandal Resistant	No
Mounting Type	Wall/Ceiling
Dimensions (without bracket):	Width: 110mm, Height: 91mm, Depth: 110mm
Weight	0.32 Kg
Warranty	1 Year Warranty (extendable to 3 years)

## Image Sensor/DSP

Sensor Type	1080P Sensor
DSP Type	Advanced Xvision 1080P
DSP Functions	Automatic White Balance Automatic Gain Control Automatic Electronic Iris Backlight Compensation DNR (Digital Noise Reduction) WDR (Wide Dynamic Range) Day/Night

## Performance

Resolution	1080P
Minimum Illumination	0.0003 Lux (IR off) 0 Lux (IR on)
Night Vision	25m IR Night Vision

## Lens

Type	Mega Pixel Lens
Size	4.0mm
Viewing Angle:	64°

## Power Requirements

Operating Voltage:	12V DC 500mA
Suggested Power Supply:	12V DC 1250mA

## Connections

Video Output:	BNC Socket
Audio Output:	N/A
Power Input:	DC Socket
RS485	No

## Other