

Model: XC1080S20IRN
Professional Full HD (1080P) 320x Zoom
(20x Optical, 16x Digital) IP Speed Dome
- 120m IR Night Vision



Camera - Front



Camera - Side

The latest Full HD 1080P (in Real Time) IP Speed Dome Camera that offers up to 7x the resolution of standard CCTV and IP CCTV cameras, and over double the resolution of HD 720P IP cameras, perfect for indoor or outdoor coverage of large premises like stadiums and car parks with 120m IR Night Vision in complete darkness and 50m NPR (Number Plate Recognition) for the ultimate IP Camera!

Produces Real Time images at 1080P (1920x1080) and 720P (1280x720) resolution. The camera is able to produce images at twice the resolution of SKY HD!

With a 20x optical zoom equivalent to 140x optical zoom on standard resolution CCTV cameras with an additional 16x Digital zoom for finer details

The high speed pan tilt motor achieves speeds of up to 300° per second, and includes presets, scan and tour as standard

The dome is designed for wall mounting as supplied and a variety of optional mountings are available

Features

- High Speed (up to 300° per second) Japanese Brushless Motor for fast, accurate and reliable Panning and Tilting
- Maximum resolution of 1920x1080 at 30fps
- Sony 2.43MP Sensor
- Xvision 4.45 to 89mm HD Megapixel Auto Iris 20x Zoom lens, for optimum selection of any viewing angle between 1 and 49°
- Xvision X3K-IP DSP
- 0.0003 lux low sensitivity
- 100/120m Smart IR Night Vision
- H264
- Dual Stream
- OnVIF
- Remote access via PC, Mac, Tablet or Smartphone
- Record & View 36 cameras using free Windows CMS software or to an NVR
- 16x Digital zoom - Digital Image Stabilisation - Advanced Wide Dynamic Range
- Automatic 3D Digital Noise Reduction
- Headlight compensation and powerful optics for up to 50m Number Plate Recognition
- Presets - Programmable Tours
- Programmable Patterns
- Privacy Masking Zones
- Alarm Input/Output
- Audio Input/Output (for audio monitoring and 2 way audio)
- Vandal Resistant
- Cable Managed Bracket
- Designed for Wall or Ceiling mounting
- Suitable for use in Extreme Weather
- IP66 housing with integrated heating and cooling for use in -25 to 60°C

Camera Specifications

Model Number	XC1080S20IRN
Style	High Definition Speed Dome
Weather Resistant	Yes
Vandal Resistant	Yes
Motorised Panning	Yes
Motorised Tilting	Yes
Digital Zoom	Yes (16x)
Audio	Yes
Mounting Type	Wall (Optional Bracket Required)
Product Dimensions (WxHxD mm)	243x415x243
Product Weight	9.0kg
Shipping Dimensions (WxHxD mm)	340x450x340
Shipping Weight	10.0kg
Warranty	1 Year Warranty (extendable to 3 Years)
Camera	
Image Sensor Type	1/3" PS CMOS
Image Sensor Resolution	2 Mega Pixel (1080P)
Minimum Illumination	0.0003 Lux
Night Vision	120m IR Night Vision
Other Features	Automatic White Balance Automatic Gain Control Automatic Electronic Iris DNR (Digital Noise Reduction) WDR (Wide Dynamic Range) NPR (Number Plate Recognition)
Lens	4.45 to 89mm
Viewing Angle	1 to 49
Performance	
Video Compression	H264
Video Streams	16Kbps-8000Kbps
Stream Types	Complex Stream/Video Stream
Video Resolution & Frame Rates	1920x1080 & 25fps
Networking	
Network Connection	RJ45 Socket (10/100 BASE-T)
Wi-Fi Support	N/A
Network Protocols Supported	TCP/IP,UDP,HTTP,DHCP,RTP/RTSP, DNS,DDNS,NTP,PPPOE,UPNP,SMTP

Remote Access	
Browser Support	Internet Explorer
Mobile Phone Support	Android, iPhone
User Authentication	Yes
Simultaneous Viewers	10
Power Requirements	
Power over Ethernet	No
Operating Voltage	12V DC
Power Consumption	<65W
Other Features	
Easy Fit	Yes (Optional Ethernet Over Mains Adapter)
Motion Detection	Yes
Presets	Yes
Guard Tours	Yes
Email Alerts	Yes
On Board Recording	No
Alarms	Yes
Multi Camera Software	Yes