

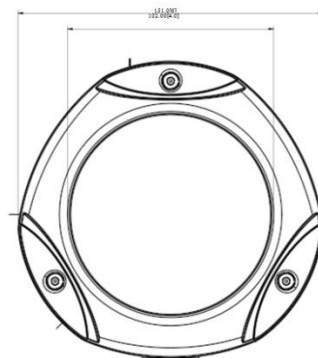
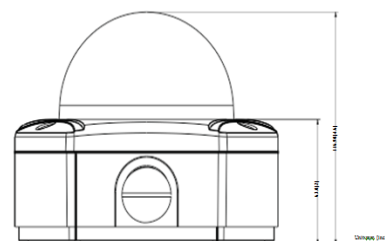
Overview

- 4 megapixel resolution
- Day and night function with mechanical IR cut filter
- 1/3.2" Progressive Scan CMOS
- 3.6x optical zoom
- Auto focus f3.3-12 mm / F1.4 megapixel P-Iris zoom lens
- H.264,
- Two-way audio
- Built in Micro SD card slot, up to (32GB)
- E-WDR (Extreme Dynamic Range)
- 2D+3D Digital noise reduction
- Vandal proof and weatherproof IP66 rated casing
- Powered by PoE Class 3 / DC 12V
- Video Insight VMS license included



Technical Specifications

Device	
Image Sensor:	Progressive Scan CMOS
Sensor Size:	1/3.2"
Wide Dynamic Range	E-WDR (Extreme Wide Dynamic Range)
Electronic Shutter:	1/5s to 1/2,000 s (manual mode) 1/5 to 1/10,00s (auto mode)
Day/Night:	Yes
Color to B/W Switch:	ISP based, configurable
IR Sensitivity Range:	No
IR LED:	No
Lens	
Focal Length / Aperture:	Zoom, F3.3 – 12 mm/F1.4 – F2.9
Zoom Ratio:	3.6x optical
Viewing Angle Adjustment:	Pan: 0° - 360°; Tilt 0° - 180°; Rotate: 0° - 360°
3-Axis Adjustment:	Yes
Iris:	P-Iris
Focus:	Auto focus
Mount Type:	Board Mount
Horizontal Viewing Angle:	77.22° - 22.62°
Video	
Compression:	H.264, MJPEG, MPEG4
Resolution In : H.264 & MJPEG	8 FPS(2032 x 1920), 15 FPS(1920 x 1080), 30 FPS(1280 x 720 HD 720p), 30 FPS (640 x 480 VGA)
Resolution In: MPEG-4	5 fps (2032 X 1920), 11 fps (1920 X 1080), 25 fps (1280 x 720 HD 720p), 30 fps 640 x 480 (VGA)



Technical Specifications

Bit Rate:	28 Kbps – 6 Mbps (per stream)
Bit Rate Mode:	Constant, Variable
Image Enhancement:	White balance: automatic, hold and manual; Brightness; Saturation; Contrast; Sharpness; Automatic gain control; 2D+ 3D Digital noise reduction; Flickerless; Defogging
Privacy Mask:	4 configurable regions
Text Overlay:	User defined text on video
Image Orientation:	Image flip and mirror
Audio	
Compression:	8 kHz. Mono, PCM, 16 bit encoding
Audio In:	Terminal Block
Audio Out:	Terminal Block
Network	
Protocol & Service:	Bonjour, SNMP, UPnP, FTP, SMTP, IGMP, ARP, ICMP, NTP, DDNS, DNS, IPv6, RTSP, RTP, PPPoE, DHCP, HTTPS, HTTP, UDP, TCP
Ethernet Port:	1, Ethernet (10/100 Base-T), RJ-45 connector
Security:	Password protection and watermark
Alarm	
Alarm Trigger:	Video motion detection 3 regions in single view mode, 1 region each in 4 cropped VGA mode; External device through digital input
Interface	
Digital Input:	2, terminal block
Digital Output:	2, terminal block
Local Storage:	Micro SD card slot, up to (32GB)
General	
Power Source / Consumption:	PoE Class 3 (IEEE802.3af) / 12.24W PoE Class 3 (IEEE802.3af) / 12.24W
Environmental Casing:	Weatherproof (IP66 rated); Transparent vandal proof dome cover, up to 1453.35 IBF
Mount Type:	Surface, Pendant, Wall, Corner, Pole, Flush
Operating Temperature:	-22°F – 122°F (-30°C-50°C)
Operating Humidity:	10% ~ 85% RH
Dimensions:	5.97" x 4.52" (151.69 x 114.9 mm)
Weight:	2.65 lbs (1200g)
Approvals:	Camera: CE, FCC, IP66
Software:	Includes Video Insight VMS License
Warranty:	4 Year Advanced Replacement
Accessories:	B-31-CMB B-31-FM B-31-GN B-31-MK B-31-OD-WM B-31-PM B-31-ST B-AD-WM