

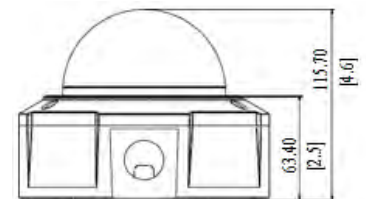
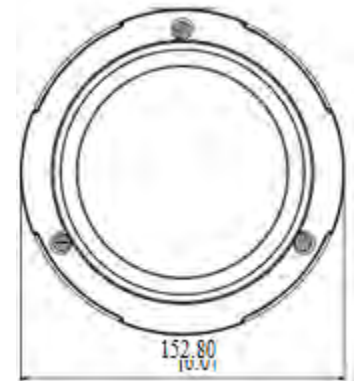
Overview

- 2 megapixel resolution (1080P)
- Day & Night
- Extreme Low Light Performance
- 10x Zoom Lens with f4.9-49mm / F1.8-3.0, DC Iris, Auto Focus
- WDR (75 dB)
- 30 fps at 1920 x 1080
- Weatherproof (IP66) and Vandal Proof (IK10)
- Video Insight VMS license included



Technical Specifications

Device	
Device Type:	Outdoor Mini PTZ Camera
Image Sensor:	Progressive Scan CMOS
Wide Dynamic Range	True WDR (75 Db)
Sensor Size:	1/3"
Day / Night:	Yes
Extreme Low Light Performance:	Yes
Minimum Illumination:	Color: 0.1 lux at F1.8 (30 IRE, 2400°K); B/W: 0.05 lux at F1.8 (30 IRE, 2400°K)
Color to B/W Switch:	Configurable
Mechanical IR Cut Filter:	Yes
IR Sensitivity Range:	700 - 1100nm
IR LED:	No
Electronic Shutter:	1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode)
Lens	
Focal Length:	Zoom, f4.9- 49 mm / F1.8 - 3.0
Zoom Ratio:	10x optical
Zoom Speed:	Max 2 secs
Iris:	DC iris
Focus:	Auto focus
Horizontal Viewing Angle:	57.80 - 6.9°
Resolution in: H.264	30 fps at 1920 x 1080; 30 fps at 1280 x 960; 30 fps at 1280 x 720; 30 fps at 640 x 480; 15 fps at 320 x 240
PTZ	
Manual Panning Speed:	5° - 90°/s
Manual Tilting Speed:	5° - 90°/s
Preset Panning Speed:	5° - 90°/s
Preset Tilting Speed:	5° - 90°/s
Panning Range:	-175° ~ 175°(without auto-flip)
Tilting Range:	0° - 180° (with E-flip)
Control:	Remote manual control; 256 preset points; 10 preset tours; Auto










Unit: mm [inch]

Technical Specifications

Preset Panning Accuracy:	1.5°
Preset Tilting Accuracy:	1.5°
Absolute Position:	Yes
Protocol:	Sony VISCA, Pelco D, Pelco P
Compression:	H.264, MJPEG
Multi-Streaming:	Simultaneous dual streams based on two configurations
Bit Rate:	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode:	Constant, Variable
Image Enhancement:	White balance: automatic, hold and manual; Brightness; Contrast; Sharpness; Automatic gain control; Digital Noise Reduction; Flickerless
Text Overlay:	User defined text on video
Image Orientation:	Image flip and mirror
Audio	
Audio:	2-way
Compression:	8 kHz, Mono, PCM, 16 bit encoding; G.711
Audio-In:	Terminal block
Audio-Out:	Terminal block
Network	
Protocol & Service:	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour, Sony VISCA, Pelco D, Pelco P
Ethernet Port:	1, Ethernet (10/100Base-T), RJ-45 connector
Security:	IP address filtering; HTTPS encryption; Password protected user levels; Anonymous login; IEEE 802.1X network access control
Alarm	
Alarm Trigger:	Video motion detection (3 regions); External device through digital input
Alarm Response:	Go to PTZ preset point or preset tour; Change camera settings; Command other devices; E-mail notification with snapshots; Save video or snapshot to local storage; Upload video, Snapshot to FTP server; Activate external device through digital output
Interface	
Digital Input:	1, Terminal block
Digital Output:	1, Terminal block
Local Storage:	Micro SD card slot, up to (32GB)
General	
Power Source / Consumption:	PoE Class 3 (IEEE802.3af) / 12.95 W (built-in heater and fan on) DC 12V (adapter not included) / 10.36 W (built-in heater and fan on)
Weight:	2.78 lbs (1263 g)
Dimensions (Φ x H):	6" x 4.6" (153 mm x 116 mm)
Environmental Casing:	Weatherproof (IP66 rated); Vandal proof (IK10 rated), Transparent dome cover
Mount Type:	Surface, Pendant, Wall, Corner, Pole, Flush
Operating Temperature:	-4°F ~ 122 °F (-20°C ~ 50°C)
Operating Humidity:	10% ~ 85% RH
Approvals:	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IP66, IK10, NEMA 4X

Technical Specifications

Integration					
System Compatibility:	ONVIF Compliant				
Firmware Access Browser:	Microsoft Internet Explorer 8.0 or newer (full functionality), Safari with QuickTime installed, and other browsers with				
Warranty:	4 Year Advanced Replacement				
Accessories:	<p>B-31-CMB</p> 	<p>B-210-FM</p> 	<p>B-31-GN</p> 	<p>B-31-MK</p> 	<p>B-OD-WM</p> 
	<p>B-31-PM</p> 	<p>B-31-ST</p> 	<p>B-AD-WM</p> 