advidia®

Overview

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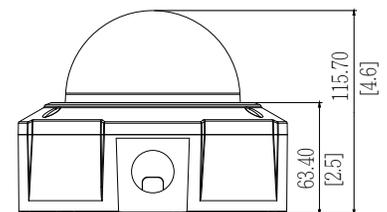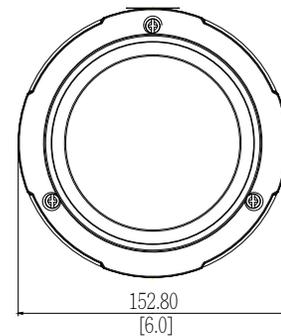- Weatherproof (IP66) and Vandal Proof (IK10)

Technical Specifications

Device

Device Type:	Outdoor Mini PTZ Camera
Image Sensor:	Progressive Scan CMOS
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°

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 scan
Preset Panning Accuracy:	1.5°
Preset Tilting Accuracy:	1.5°
Absolute Positon:	Yes
Protocol:	Sony VISCA, Pelco D, Pelco P

152.80
[6.0]

115.70
[4.6]

63.40
[2.5]

Unit: mm [inch]

Video

Compression:	H.264, MJPEG
Max. Frame Rate vs. Resolution:	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
Multi-Streaming:	Simultaneous dual streams based on two configurations
Bit Rate:	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode:	Constant, Variable
Image Enhancement:	Basic WDR (75 dB); 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:	MicroSDHC/MicroSDXC memory card slot (card not included)

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:	1263 g (2.78 lbs)
Dimensions (Φ x H):	153 mm x 116 mm (6'' x 4.6'')
Environmental Casing:	Weatherproof (IP66 rated); Vandal proof (IK10 rated), Transparent dome cover
Mount Type:	Wall, Pole, Goose Neck
Starting Temperature:	-20°C ~ 50°C (-4°F ~ 122 °F) within 30min
Operating Temperature:	-20°C ~ 50°C (-4°F ~ 122 °F)
Operating Humidity:	10% ~ 85% RH
Approvals:	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), IP66, IK10, NEMA 4X

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 VLC installed (partial functionality)