

### Overview

- Up to 3 megapixel (2048 x 1536) resolution
- Full HD1080p real-time video
- DWDR & 3D DNR & BLC
- Onboard storage (up to 64 GB)
- IP66 protection
- Vandal-proof housing



### Technical Specifications

#### Camera

Image Sensor:	1/3" Progressive Scan CMOS
Min. Illumination:	0.07 lux@F1.2, AGC on 0 lux with IR
Shutter Time:	1/25s ~ 1/100,000s
Lens:	4mm@F2.0, angle of view: 68°
Lens Mount:	M12
Day & Night:	ICR
Adjustment angle:	Pan: ±20°, tilt: 0~90°, rotation: ±90°
Digital Noise Reduction:	3D DNR
Wide Dynamic Range:	Digital WDR
Backlight Compensation	Yes, zone configurable

#### Compression Standard

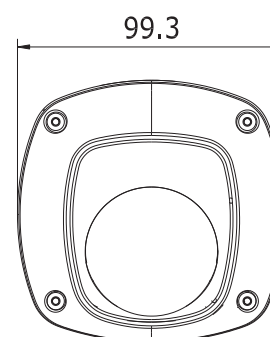
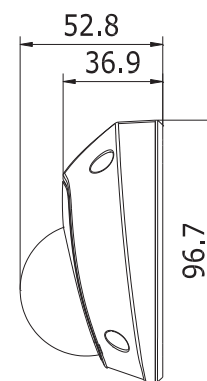
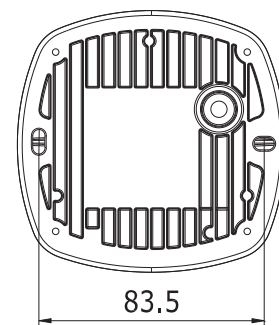
Video Compression:	H.264/MJPEG
H.264 Compression Profile:	Main Profile
Bit Rate:	32 Kbps ~ 16Mbps

#### Image

Max. Image Resolution:	2048 x 1536
Frame Rate:	60Hz: 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)
Image Setting:	Saturation, brightness, contrast adjustable through client software or web browser

#### Network

Network Storage:	NAS
Alarm Trigger:	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception, storage error
Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos
System Compatibility:	ONVIF, PSIA
General Functionalities:	Flickerless, dual stream, heartbeat, mirror, user authentication, video mask, watermark



Unit: mm

## Technical Specifications

### Interface

Communication Interface:	1 RJ45 10M / 100M ethernet port
On-board Storage:	Built-in Micro SD card slot, up to 64 GB
Audio Input:	Built-in Microphone

### General

Operating Conditions:	-30 °C ~ 60 °C (-22 °F ~ 140 °F), humidity 95% or less (non-condensing)
Power Supply:	DC12V ± 10%, PoE (802.3af)
Power Consumption:	Max. 5W
Impact Protection:	IEC60068-2-75Eh, 50J; EN50102, up to IK10
Ingress protection level	IP66
IR Range:	Up to 10m
Dimensions:	3.93" x 3.83" x 2.22"
Weight:	350g (0.77 lbs)