

**Mechanical specifications**

Image Sensor	1/3" Progressive Scan CMOS
Minimum Illumination	0.01Lux @(F1.2,AGC ON), 0.028Lux @(F1.2,AGC ON), 0 Lux with IR
Shutter Speed	1/5 s – 1/20,000 s
Lens Type	2.8 – 12mm
Lens Mount	M12 / M14
Day and Night	IR Cut Filter with Auto Switch
WDR	120DB
Digital Noise Reduction	2D / 3D DNR

**Compression**

Video Compression	H.265 / H.264 / MJPEG
Image Resolution	Up to 5MP (2560 X 1920)
Video Bit Rate	256K-8M

**Image**

Frame Rate	5MP (2560 X 1920) @ 15fps, 4MP (2592 X 1520) @ 20fps, 3MP (2048 x 1536) @ 30fps, 1080P (1920 x 1080) @ 30fps, 720P (1280 x 720) @ 30fps - 960H (1280 x 960), Substream @ 30 fps, D1 (704 x 480) - VGA (640 x 480) - QVGA (320 x 240) @30 fps, Mobilestream @ 10 fps, QVGA (320 X 240) - @1-30 fps
Image Settings	Rotate Mode, Saturation, Brightness, Contrast, Sharpness, and adjustable browser
Day and Night Switch	Auto / Schedule / Triggered by Alarm In

**Interface**

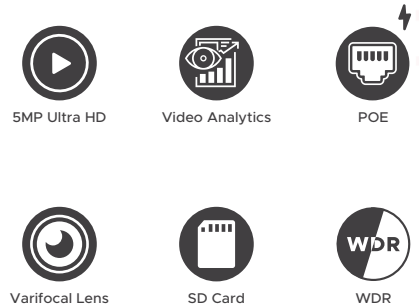
System Compatibility	ONVIF 2.4, RTSP
Interface	1 RJ45 10M / 100M Ethernet Interface
IR Distance	Up to 100 ft.
POE	Built-In POE
Security	Flash-Prevention, Dual Stream, Heartbeat, Mirror, Password Protection, Privacy Mask, IP Address Filtering
Edge Recording	Yes, Micro SD slot
Video Analytics	Perimeter Intrusion Detection, Line Crossing Detection, Stationary Object Detection, Pedestrian Detection; Cross and People Counting; Camera obstruction; Region of Interest. DEEP LEARNING: Face Detection / Face Recognition / Human detection / Vehicle detection

**Electrical**

Power Supply	12 VDC ± 10%, POE (802.3af)
Power Consumption	Max. 5 W (Max. 7W with IR cut filter on)
Operating Temp.	-22 °F - 140 °F Humidity 95% or less (non-condensing)

**Physical**

Dimensions	5,7" x 5,7"
Net Weight	1.8 lbs.
Weather-Rating	IP67 Rated / IK10 Rated


**Highlights**

- 1/3" Progressive Scan CMOS
- Compression H.265 / H.264
- Built-In POE
- IR Distance up to 100 ft.
- 2.8 - 12mm Motorized Lens
- SD Card slot
- 2 Way Audio
- Alarm In / Out

**Dimension**
