

**Specifications**

<b>Image Sensor</b>	1/2.8" Progressive CMOS
<b>Min. Illumination</b>	Color 0.05lux @ F1.2(AGC ON)
<b>Shutter</b>	1/5 ~ 1/20000s
<b>Slow shutter</b>	Support
<b>Lens</b>	3.3 ~ 12 mm (Motorized)
<b>Lens Mount</b>	M12 / M14
<b>F No.</b>	F 2.0±5%
<b>Day &amp; Night</b>	IR cut filter with switch (Auto / Schedule / Triggered by Alarm In)
<b>WDR</b>	120dB
<b>Digital Noise Reduction</b>	2D / 3D DNR
<b>Video Compression</b>	H.265/H.264/MJPEG
<b>Resolution</b>	8MP (3840 x 2160)
<b>Video Bit Rate</b>	8Kbps ~ 8Mbps
<b>Triple Stream</b>	Main-stream, Sub-stream, Mobile-stream
<b>Frame Rate</b>	Main stream: (1-15fps optional) 4K(3840x2160), 5MP(2592x1944), 4MP(2592x1520), 3MP(2048x1536), 2MP(2304x1296), 1080P(1920x1080), 960P(1280x960P), 720P(1280x720P)
	Substream: 720P(1280x720P), D1(704x480), VGA(640x480), QVGA(320x240)
	Mobile stream: VGA(640x480), QVGA(320x240)
<b>Image Settings:</b>	Flip, Rotation, Corridor mode, Saturation, Brightness, Contrast, Hue, Sharpness, Mirror mode, Shaded
<b>BLC</b>	Support
<b>ROI</b>	Support
<b>Privacy Mask</b>	Support
<b>Video Analytics</b>	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
<b>Protocols</b>	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
<b>Security</b>	Flash-Prevention, Dual Stream, Heartbeat, Mirror, Password Protection, Privacy Mask, IP Address Filtering
<b>System Compatibility</b>	ONVIF 2.4, RTSP (Profile S, Profile G)
<b>Certificates</b>	CE, FCC, RoHS / GSA
<b>Interface</b>	RJ45 10M / 100M Ethernet interface x1
<b>Led &amp; IR Range</b>	40pcs(SMD) Up to 35m (dome)
<b>SD storage</b>	Yes, Micro SD or SD memory slot Up to 128 Gb
<b>Alarm Trigger</b>	Yes
<b>Audio</b>	Yes
<b>Video Output</b>	BNC output
<b>Reset Button</b>	Yes
<b>Water Proof</b>	IP66
<b>Power Supply</b>	12 VDC ± 10%, POE (802.3af)
<b>Consumption</b>	5W (Max. 9W with active IR cut filter)
<b>Temperature</b>	Storage -30 ~ 60°C
	Operation -30 ~ 55°C
<b>Humidity</b>	~95% (without condensation)



8MP (4K)



Video Analytics



POE



Varifocal Lens



IP66



WDR

**Highlights**

- 4K Resolution + Facial Recognition
- Compression H.265 / H.264
- Built-In POE
- IR Distance up to 100 ft.
- 3.3 - 12mm Motorized Lens
- SD Card slot
- 2 Way Audio
- Alarm In / Out

**Dimension**
