



FEATURES

- Multiple Progressive Scan CMOS Sensor Support 4M Resolution
- Quad codec support (H.264 Baseline / Main Profile / High Profile / MJPEG)
- Quad Streams Support
- On-Board Video Content Analytics
- IR LED Module support (working distance up to 40m)
- Weatherproof (IP66 International)
- ONVIF Profile S Support

TECHNICAL SPECIFICATION	
Image Sensor	1/3" Progressive CMOS
Effective Pixels	4M (2688x1520)
Minimum Illumination	Color: 0.1 lux@F1.2, B/W:0.01 lux@F1.2
Shutter Speed	1 ~ 1/10000 sec.
S/N Ratio	>50 dB
LENS	Auto Focus, 2.8 -12 mm, Focal Length
Network	
Interface	RJ-45, 10/100 Mbps Ethernet
Video Compression	MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile
Image Setting	
Iris Control	Auto / Manual
Backlight Compensation	On / Off
White Balance	Auto/Manual / ATW / One Push
Noise Reduction	3D / 2D / Color , Low / Middle / High / Off (W/Motion compensation)
Wide Dynamic Range	Shutter WDR On/Off (120dB)
Privacy Mask	On / Off
Digital Zoom	Support
ICR	Day / Night / Auto cut
Built-in Analytic	Abandoned Object, Intrusion Detection, Camera Sabotage, Wrong Direction, Loitering Detection, Object Counting, Object Removal, Stopped Vehicle

Video Streaming		
Dual Streams	Normal Mode	H.264 4M (2688x1512) @25/30 fps + H.264 D1 @25/30 fps Note: One of the streamings (2M or under) can be set as MJPEG
	HDR Mode	H.264 4M (2688x1512) @25/30 fps + H.264 D1 @25/30 fps Note: One of the streamings (2M or under) can be set as MJPEG
Quad Streams	Normal Mode	H.264 4M(2688x1512) @25/30 fps + H.264 720P @25/30 fps + H.264 VGA @25/30 fps + H.264 CIF @25/30 fps Note: One of the streamings (2M or under) can be set as MJPEG
	HDR Mode	H.264 4M (2688x1512) @25/30 fps + H.264 720P @25/30 fps + H.264 VGA @25/30 fps + H.264 CIF @25/30 fps
Video Resolution	H.264	4M (2688x1512 or 2560x1440) / Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF
	MJPEG	Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF
Protocol	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF, unicast, Multicast	
Security	HTTPS / IP Filter / IEEE 802.1X	
AudioInput	Line in	Max 6.2 Vpp for line signal Input Impedance: 33KΩ
	Microphone in	Max 1 Vpp for microphone Input impedance: 33KΩ
Password Levels	User and Administrator	
Audio		
Two-way Audio	Outdoor: Line in / Line Out	
Compression	G.711 / G.726 / AAC / LPCM	
Mechanical		
Built-in IR Illuminator	Working Distance	up to 40 m
	Wavelength	850 nm
	Number of LEDs	8
LED Indicator	Power / ACT ; Status	

General		
Operating Temperature	w/o Heater	-30°C ~ 55°C (-22° ~ 131°F)
	w/Heater	powered by DC12V/AC24V/PoE: -40°C ~ 55°C (-40° ~ 131° F)
Humidity	10% ~ 90%, No Condensation	
Weatherproof Standard	IP66	
Dimension	ø Φ117 x 106.3 mm (ø 4.6 x 4.2 in.)	
Weight	512 g (1.13 lb)	
Power Source	DC 12V / AC 24V / PoE	