



## FEATURES

- Multiple Progressive Scan CMOS Sensor Support up to 4M Resolution
- Low Latency Streaming
- Low Power Consumption on Encoding
- Quad codec support (H.264 Baseline / Main Profile / High Profile / MJPEG)
- Wide Dynamic Range
- Motion Detection
- Privacy Masks
- 3D Motion Compensated Noise Reduction (MCTF)
- Smart IR Mode
- Day/Night (ICR)
- IR LED Module (working distance up to 15 m)
- Weatherproof (IP66 International)
- ONVIF Profile S Support

## TECHNICAL SPECIFICATION

Image Sensor	1/3" Progressive CMOS
Effective Pixels	2M (1920x1080)
Minimum Illumination	Color: 0.1 lux, B/W: 0.01 lux@F1.4
Shutter Speed	1 ~ 1/10000 sec.
Lens	Vari-Focal, 2.8 -12 mm,Focal Length
<b>Network</b>	
Interface	RJ-45, 10/100 Mbps Ethernet
Video Compression	H.264 (MPEG-4 Part 10/AVC) / MJPEG

Image Setting		
Backlight Compensation	On / Off	
White Balance	Manual / AWB / ATW / One Push	
Noise Reduction	3DNR / 2DNR / ColorNR	
Wide Dynamic Range	Shutter WDR On/Off (120dB)	
Privacy Mask	On / Off	
Privacy Mask Type	Black	
Digital Zoom	Support	
ICR	Auto / On / Off / Smart	
Built-in Analytic	Abandoned Object, Intrusion Detection, Camera Sabotage, Object Counting, Object Removal, Stopped Vehicle	
Video Streaming	Dual Stream	Normal Mode: 3M @ 25/30fps + SVGA @ 25/30fps 4M @ 15fps + XGA @ 25/30fps Note: 1 of the 2M or under streamings can be MJPEG
	Quad Stream	Normal Mode: H. 264 3M (2304x1296) @25/30 fps + H.264 VGA @25/30 fps + H. 264 CIF @25/30 fps + H.264 CIF @25/30 fps
Video Resolution	H.264- 4M/ 3M / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF MJPEG- Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF	
Protocol	ARP, 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	
Password Levels	User and Administrator	

Mechanical		
Built-in IR Illuminator	Working Distance	Up to 15 m
	Wavelength	850 nm
	Number of LEDs	3 pcs
LED Indicator	Power / Link / ACT	
Connector	Type	Outdoor
	Power	POE (802.3af)
	Ethernet	RJ45 On all-in-one cable or RJ45 on all-in-one
General		
Operating Temperature	-30°C ~ 50°C (-22° ~ 122°F)	
Humidity	10% ~ 90%, No Condensation	
Weatherproof Standard	IP66	
Dimension	Outdoor w/ cable management: $\varnothing$ 71.5 x 150.53 x 91.15 mm ( $\varnothing$ 2.815 x 5.92 x 3.58 in. )	
Weight	330g	
Power Source	PoE / DC12V	
Power Consumption	Operation(802.3af) System	3.64W
	Operation(802.3af) Others	Smart focus Lens: +0.35W / IR LED: +1.2W
Regulatory	CE / FCC	