

Features

- Day/night functionality
- Smart IR, up to 30 m (98 ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- ROI (Region of Interest)
- ONVIF Conformance
- Wide temperature range: -35°C to 60°C (-31°F to 140°F)
- Wide voltage range of $\pm 25\%$
- IK10 vandal resistant
- IP67
- 3-Axis



Specification

Camera	
Sensor	1/3", 8.0 megapixel, progressive scan, CMOS
Lens	2.8mm@F2.0
DORI Distance	Lens (mm) 2.8; Detect (m) 84; Observe (m) 33.6; Recognize (m) 16.8; Identify (m) 8.4
Angle of view(H)	112.7°
Angle of View (V)	60.1°
Angle of View (O)	146.5°
Shutter	Auto/Manual, 1~1/100000 s
Adjustment angle	Pan: 0°~360°, Tilt: 0°~68°, Rotate: 0°~360°
Min. Illumination	Colour: 0.05 Lux (2.0, AGC ON), 0 Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)

Digital noise reduction	2D/3D DNR
S/N	>56dB
IR Range	Up to 30m (98 ft) IR range
Defog	Digital Defog
WDR	120dB
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline Profile, Main Profile
Frame Rate	Main Stream:8MP (3840*2160): Max. 20 fps; 5MP (2592*1944): Max. 30 fps; 5MP(2944*1656): Max. 30 fps; 4MP(2560*1440): Max. 30 fps; 2MP(1920*1080): Max. 30 fps Sub Stream:720P (1280*720): Max. 20 fps Third Stream:D1 (720*576): Max. 20 fps
HLC	Supported
BLC	Supported
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 2 areas
Motion Detection	Up to 4 areas
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL,QoS
Compatible Integration	ONVIF (Profile S+ Profile T), API
Interface	
Network	10/100M Base-TX Ethernet
General	
Power	12 V DC±25%, PoE (IEEE802.3 af)
	Power consumption: Max 5.5W
Dimensions (Ø x H)	108.7 x 81.1mm (Ø4.3" x 3.2")
Weight	0.45kg (0.99lb)
Working Environment	-35°C ~ +60°C (-31°F ~ 140°F), Humidity: 95% RH(non-condensing)
Ingress Protection	IP67
Vandal Resistant	IK10