



Features

Optics

- 5th generation infrared technology, up to 50m (164ft) IR distance illumination
- IR anti-reflection window to increase the infrared transmittance
- Smart IR
- 2D/3D DNR (Digital Noise Reduction)
- 120dB true WDR
- Support a horizontal viewing angle of 180°)

Compression

- Ultra H.265,H.265, H.264, MJPEG
- Triple streams
- Customized OSD
- 4096×1800@30fps supported

Network

- ONVIF Conformance

Structure

- Intelligent temperature control technology
- Wide temperature range: -40°C to 70°C (-40°F to 158°F) Wide voltage range of ±25%
- More effective heat dissipation system
- IP67

CAMERA					
Sensor	1/1.8" progressive scan, 2.0 megapixel, CMOS				
Lens	4 x 4.2mm lens				
DORI Distance	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)
	4.2mm	50.4 (165.4ft)	20.2(66.3ft)	10.1(33.1ft)	5.0(16.4ft)
Angle of View (H)	180°				
Angle of View (V)	80°				
Angle of View (O)	221.4°				
Adjustment Angle	Pan: -90°~90°		Tilt: -45°~60°		
Shutter	Auto/Manual, shutter time: 1 s ~ 1/100000 s				
Minimum Illumination	Color: 0.002lux (F1.8,AGC ON) 0lux with IR				
Iris	F1.8				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>55 dB				
IR Range	UP to 50m (164ft)				
Defog	Digital Defog				
WDR	120dB				
VIDEO					
Video Compression	Ultra H.265, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 4096×1800:Max. 30 fps; Sub Stream: 1920×832:Max. 30 fps; Third Stream: 1280×560: Max. 30 fps				
HLC	Supported				
BLC	Supported				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 8 areas				
ROI	Up to 8 areas				
SMART					
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication				
AUDIO					
Audio Compression	G7.11				
Two-way Audio	Supported				
Suppression	Supported				
Sampling Rate	8KHz				
STORAGE					
Edge Storage	Micro SD, up to 256 GB				
Network Storage	ANR				
NETWORK					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP,QoS				
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API				
INTERFACE					
Audio I/O	1 Input: impedance 35 kΩ; amplitude 2 V [p-p]				
	1 Output: impedance 600 Ω; amplitude 2 V [p-p]				
Alarm I/O	2/1				
Network	1*100M/1000M Base-FX SFP + 2*10M/100M/1000M Base-TX Ethernet				

GENERAL	
Power	AC24V/DC24V±25%
Power consumption	: 48W MAX
Dimensions	259mmx211mmx115mm
Weight	2.4kg(5.3lb)
Working Environment	-40°C ~ +70°C (-40°F ~ 158°F), Humidity:10%~95% RH(non-condensing)
Ingress Protection	IP67
Reset Button	Supported

Dimensions

