



Specifications

CAMERA					
Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS				
Lens	2.8 ~ 12mm@ F1.6				
DORI Distance	Lens	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	45	18	9	4.5
	12	192.9	77.1	38.6	19.3
Angle of View(H)	94°			28°	
Angle of View (V)	56.7°			14.4°	
Angle of View (O)	122.2°			34.4°	
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°	Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000 s				
Day/Night	IR-cut filter with auto switch (ICR)				
Minimum Illumination	Colour: 0.001Lux (F1.6, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	120dB				
VIDEO					
Video Compression	Ultra265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Frame Rate	Main Stream: 2MP (1920*1080), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps				
HLC	Supported				
BLC	Supported				
9:16 Corridor Mode	Supported				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 8 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				

Features

Optics:

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Lowlight surveillance

Compression:

- Ultra 265, H.264, MJPEG
- Triple streams
- Embedded smart algorithm
- ROI (Region of Interest)
- 9:16 corridor mode

Network:

- ONVIF Conformance

Structure:

- Support PoE power supply
- Built-in PoE splitter that outputs DC 12V
- Wide temperature range: -40°C ~ 60°C (-40°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 3-Axis

SMART	
Behavior Detection	Intrusion, cross line, motion detection
Intrusion	Enter and loiter in a pre-defined virtual region
cross line	Cross a pre-defined virtual line
motion detection	Moving within a pre-defined virtual region
Recognition	Face detection. Audio detection
Intelligent Identification	Defocus, Scene Change
Statistical Analysis	People counting
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
AUDIO	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8 KHZ
STORAGE	
Edge Storage	Micro SD, up to 128GB
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	Audio cable Input: impedance 35 k Ω ; amplitude 2 V [p-p] Output: impedance 600 Ω ; amplitude 2 V [p-p]
Alarm I/O	1/1
Network	1 RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC, impedance 75 Ω ; amplitude 1V [p-p]
GENERAL	
Power	12 V DC \pm 25%, PoE (IEEE802.3 af) Power consumption: Max 7.2W
Dimensions (\varnothing x H)	148 x 111.3mm (\varnothing 5.8" x 4.4")
Weight	0.92kg (2.0lb)
Working Environment	-40°C ~ +60°C (-40°F ~ 140°F), Humidity: 10%~95% RH(non-condensing)
Reset Button	Supported
Ingress Protection	IP67
Vandal Resistant	IK10

Dimensions

