



Specifications

CAMERA	
Sensor	1/2", progressive scan, 8.0 megapixel, CMOS
Lens	2.8–12mm, AF automatic focusing and motorized zoom lens
Angle of View(H)	114.8° (wide) 47.3° (tele)
Shutter	Auto/Manual, 1/6 ~1/100000 s
Minimum Illumination	Colour: 0.005 Lux (F1.5, AGC ON) 0 Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Digital noise reduction	2D/3D DNR
S/N	>52dB
IR Range	Up to 50m (164 ft) IR range
Defog	Digital Defog
WDR	120 dB
VIDEO	
Video Compression	Ultra265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream: 8MP (3480*2160): Max. 15 fps; 2MP (1920*1080): Max. 30fps Sub Stream: 2MP (1920*1080): Max. 30fps Third Stream: D1 (720*576): Max. 30 fps
9:16 Corridor Mode	Supported
HLC	Supported
BLC	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
SMART	
Behavior Detection	Intrusion, cross line, motion detection
Exception Detection	Audio detection
Intelligent Identification	Face detection, 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

Features

Optics:

- Day/night functionality
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- Smart IR, up to 50m (164 ft) IR distance
- Up to 120 dB Optical WDR(Wide Dynamic Range)
- 2D/3D DNR(Digital Noise Reduction)

Compression:

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

Network:

- ONVIF Conformance

Structure:

- Support PoE power supply
- Wide temperature range: -35°C to 60°C (-31°F to 140°F)
- Wide voltage range of ±25%
- IP67

AUDIO	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8 KHZ
STORAGE	
Edge Storage	Micro SD, up to 128 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
Compatible Integration	ONVIF(Profile S, Profile G), 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 K; amplitude 1 V [p-p]
GENERAL	
Power	12 V DC \pm 25%, PoE (IEEE802.3 af)
	Power consumption: Max. 10W
Dimensions (L x W x H)	146.3 x 86 x 71.7 mm (5.76" x 3.4" x 2.8")
Weight	0.58kg (1.28lb)
Working Environment	-35°C ~ +60°C (-31°F ~ 140°F), Humidity: 10%~95% RH(non-condensing)
Ingress Protection	IP67

Dimensions

