



Specifications

CAMERA	
Image sensor	1/1.7", 12 megapixel, progressive scan, CMOS
Lens	1.8mm@ F1.6
Shutter	Auto/Manual, shutter time: 1/6 s ~1/8000 s
Minimum Illumination	Colour: 0.06 Lux (F1.6, AGC ON) 0 Lux with IR
Day / Night	IR-cut filter for day & night function
S/N Ratio	>55dB
WDR	Digital WDR
VIDEO	
Video Compression	H.264
ROI (Region of Interest)	Supported
Frame Rate	12MP (4000*3000): Max.20fps; 4K (3008*3000): Max.25fps
Maximum Streams	Sextuple streams (1 fisheye view, 1 panoramic view, 4 PTZ view)
Evaluative Metering	Supported
OSD	Up to 8 OSD
Privacy Mask	Supported
AUDIO	
Audio Compression	G.711
Two-way audio	Supported
STORAGE	
Edge Storage	Micro SD, up to 128GB
NETWORK	
Protocols	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SNMP, SIP, QoS
Compatible Integration	ONVIF, API
INTERFACE	
Audio I/O	Audio interface
	Input: impedance 35 kΩ; amplitude 2 V [p-p]
	Output: impedance 600 Ω; amplitude 2 V [p-p]
	1 built-in Microphone & 1 built-in Speaker
Alarm I/O	2 / 1
	Multiple Alarm linkage editable
Serial	1 channel RS485 interface

Features

Optics:

- Ultra wide angle lens, 360°panoramic image
- Embedded infrared light, 360°fill-in light, Up to 20 m
- (65 ft) IR distance 3D DNR (Digital Noise Reduction)

Compression:

- 4K, Max. 4000 x 3000 resolution
- Built-in microphone & speaker, two-way talk supported
- Sextuple streams
- ROI (Region of Interest)
- Distortion correction supported

Network:

- ONVIF Conformance

Structure:

- Support PoE power supply
- Wide temperature range: -30°C to 60°C (-22°F to 140°F)
- Wide voltage range of ±25%
- IK10
- IP66

2MFIP-12MIR20-P

4K Ultra HD Vandal-resistant Fisheye

Network	10M/100M Base-TX Auto-adaptive Ethernet
Video Output	1 BNC, impedance 75 Ω; amplitude 1 V [p-p]
GENERAL	
Audio I/O	Audio interface
	Input: impedance 35 kΩ; amplitude 2 V [p-p]
	Output: impedance 600 Ω; amplitude 2 V [p-p]
	1 built-in Microphone & 1 built-in Speaker
Alarm I/O	2 / 1
	Multiple Alarm linkage editable
Serial	1 channel RS485 interface
Network	10M/100M Base-TX Auto-adaptive Ethernet
Video Output	1 BNC, impedance 75 Ω; amplitude 1 V [p-p]

Dimensions

