



## 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
Min. 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	
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

### 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 \* 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

General	
Power	DC12V±25%, PoE (IEEE802.3at)
	Power consumption: Max. 21 W
Dimensions (L x W x H)	Φ149mm x 51.5mm (Φ5.87" x 2.03")
Weight	0.5kg(1.1lb)
Working Environment	-30°C ~ +60°C (-22°F ~ 140°F), Humidity ≤ 95% RH
Ingress Protection	IP66/IK10
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
Network	10M/100M Base-TX Auto-adaptive Ethernet
Video Output	1 BNC, impedance 75 Ω; amplitude 1 V [p-p]

## Dimensions

