



Pan & Tilt	
Manual speed	Pan (0.1°~200°/s) Tilt (0.1°~180°/s)
Rotation	Pan continuously 360°, tilt 0~90° with auto-flip
Preset	128 preset
Auto-flip	Tilt down 90°, with auto-flip 180°
Patrol	up to 16 patrol
HomePosition	preset/patrol can be set
Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples
CAM SPEC	
Chispset	<b>1/2.7" CMOS(5.0megapixel)</b>
Effective Pixels	5MP(2592*1944)@30fps
OPTICS Zoom	<b>4.5~148.5mm, 33x optical zoom</b>
Digital Zoom	<b>Digital:16X</b>
Angle	Appr.(O) 88.2°(Wide) to 2.8°(Tele);(H) 71.7°(Wide) to 2.4°(Tele);(V) 43.4°(Wide) to 1.3°(Tele);
Iris	Auto/Manual; F1.5 ~ F4.0
Auto Focus	Auto / one push / Manual
Min. Illumination	Colour: 0.01 lux (F1.5, AGC ON);0 lux with IR
Shutter Time	Auto/Manual; shutter time: 1 ~ 1/100000 s
IR Range	UP to 150m (492ft)
Defog	Defog Digital Defog
Noise reduction	2D/3D DNR
Wide dynamic	<b>120dB</b>
VIDEO	
Video Compression	Ultra 265,H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream:5MP(2592*1944)@30fps
	Sub Stream: 2MP (1920*1080), Max 30fps;
	Third Stream: D1 (720*576), Max 30fps
HLC	Supported

BLC	Supported
EIS	Supported
Privacy Mask	Up to 8 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
<b>Audio</b>	
Audio Compression	G.711
Two-way audio	1 line audio in/ 1 line audio out
Suppression	Supported
Sampling Rate	8 KHZ
<b>SMART</b>	
Behavior Detection	Intrusion, cross line, motion detection, auto tracking
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	Audio detection
Intelligent Identification	Defocus, Scene Change, Object Left, Object Moving
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
<b>Storage</b>	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP,TLS,SSL
Compatible Integration	ONVIF(Profile S, Profile G, Profile T), API
Network	1 RJ45 10M/100M Base-TX Ethernet
<b>Interface</b>	
Audio I/O	Audio cable(optional)
	Input: impedance 35 k $\Omega$ ; amplitude 2 V [p-p](optional)
	Output: impedance 600 $\Omega$ ; amplitude 2 V [p-p](optional)
Alarm I/O	1 IN 1 OUT(optional)
<b>General</b>	
Power consumption	9W/40W(IR_LED ON)
Power supply	DC 24V/2A
POE	Support POE power supply (optional)
Temperature	-40 $^{\circ}$ C ~ +60 $^{\circ}$ C
Installation	Wall /Corner/Pole/Pendant installation
Net weight	6.5kg
Size	Product size 336.5 $\times$ 230mm, Packing size 300*300*460mm
Protection Level:	IP66 standard (outdoor dome)
	TVS lightning protection, surge protection and voltage transient protection