

Specification

Camera	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	Color: 0.01 lux @F1.2, AEC ON; 0 lux with IR
Shutter Speed	1/3 to 1/200,000s, support video shutter
Lens	2.8 mm @F2.0, horizontal field of view 35.8°, 4 mm @F2.0, horizontal field of view 33.6° 6 mm @F2.0, horizontal field of view 31°
Lens Mount	M12
Day & Night	IR cut filter with auto switch
3-Axis Adjustment (Bracket)	Pan: 0° to 360°, tilt: 0° to 90°, rotation: 0° to 360°
ONR (Digital Noise Reduction)	3.0 ONR
WDR (Wide Dynamic Range)	Digital WDR
Compression Standard	
Video Compression	Main stream: H.264+/H.265 Sub stream: H.264/MPEG
H.264 Type	Main Profile/High profile
Video Bit Rate	32 Kbps to 16 Mbps
Image	
Max. Resolution	2688 × 1536
Main Stream	30fps @ (2688 × 1536), 30fps @ (2304 × 1296), 25fps @ (1920 × 1080, 1280 × 720)
Max. Frame Rate	60fps @ (2688 × 1536), 30fps @ (2304 × 1296), 30fps @ (1920 × 1080, 1280 × 720)
Sub stream	30fps @ (640 × 360, 352 × 288)
Max. Frame Rate	60fps @ (640 × 360, 352 × 288)
Image Settings	8 brightness, saturation, contrast, sharpness are adjustable via web browser or client software
Day/Night Switch	Support auto, scheduled
Others	Mirror, B&C (area configurable), region of interest (support 1 fixed region)
Network	
Network Storage	NAS (NFS, SMB/CIFS)
Detections	Motion detection
Alarms	Video tampering, network disconnected, IP address conflicted
Protocols	TCP/IP, ICMP, HTTP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCE, NTP, UPnP, SIP, PSNMP, IGMP, 2.1X, QoS, IPv6, Bonjour
Standard	ONV (PROFILE S, PROFILE G), PSIA, CGI, SAPI
General Function	Anti-flicker, heat test, mirror, password protection, privacy mask, watermark, IP address filter
Interface	
Communication Interface	1 RJ45 10M/100M or PoE adaptive Ethernet port
General	
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE (PoE Class)
Power Consumption	Max. 5 W/6.5 W (PoE)
Ingress Protection	IP67
IR Range	Up to 30 m
Dimensions	69.1 mm × 66 mm × 172.7 mm (2.7" × 2.6" × 6.8")
Weight	500g (1.1 lb)