

12MP Fisheye Camera

360° or 180° panoramic views at up to 30 fps with no blind spots. The camera can stream up to four individual view areas simultaneously, with support for digital PTZ.



Camera	
Sensor	1/2.3" progressive scan RGB CMOS
Min. Illumination	Color: 0.19 lux at 50 IRE, F2.2 B/W: 0.04 lux at 50 IRE, F2.2
Day/Night	Automatic IR-cut filter
Shutter	1/8100 s to 1/2 s
Adjustment Angle	Digital roll: ±180°
Lens	
Focal Length	1.2mm
Iris Type	Fixed
Iris	F2.2
Field of View (H)	182°
Field of View (V)	182°
Lens Type	Fixed
Video	
Video Compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG
Resolution	Overview: 2992×2992 to 160×160 (1:1) Panorama: 3840×2160 to 192×72 (8:3, 16:9 or 32:9) Double panorama: 3584×2688 to 384×288 (4:3 or 16:9) Quad view: 3584×2688 to 384×288 (4:3 or 16:9) View area 1-4: 2048×1536 to 256×144 (4:3 or 16:9) Corner left/right: 3200×1600 to 192×72 (2:1 or 8:3) Double corner: 2880×2880 to 384×288 (1:1 or 4:3) Corridor: 2560×1920 to 256×144 (4:3 or 16:9)
Frame Rate	360° overview only up to max resolution without WDR: 25/30 fps @ 50/60 Hz 360° overview and 4 dewarped views up to max resolution with WDR: up to 25/20 fps @ 50/60 Hz
Video Streaming	Multiple, individually configurable streams in H.264, H.265, and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 Video streaming indicator
WDR	WDR Forensic WDR: Up to 120 dB depending on scene
Pan/Tilt/Zoom	Digital PTZ of view areas, digital PT of panorama, corner, corridor and quad views, preset positions, guard tours

Audio	
Audio features	Network speaker pairing
Audio input/output	Audio features through portcast technology: two-way audio connectivity, voice enhancer
Network	
Protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPSa, HTTP/2, TLSa, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, DHCPv4/v6, SSH, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf), IEEE 802.1X (EAP-TLS), IEEE 802.1AR
General	
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 3.5 W, max 5.1 W
Dimension	Height: 51 mm (2.0 in) ø 101 mm (4.0 in)
Weight	300 g (0.66 lb)
Working Environment	0 °C to 40 °C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)
Connectors	Network: Shielded RJ45 10BASE-T/100BASE-TX PoE Audio: Audio and I/O connectivity via portcast technology