

SD834-EHL

5MP Pan-Tilt-Zoom Camera

Technical Specifications

Camera Features

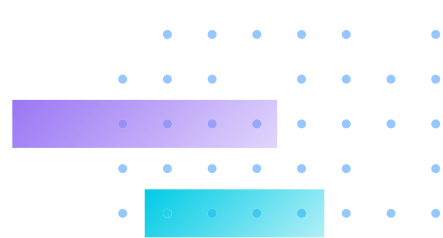
Image sensor	1/2.8" Progressive CMOS
Resolution	SD: 1280 x 960 HD: 2560 x 1920
Lens Types	30x Optical Zoom, Auto Focus
Focal Length	4.94~148.24mm (30x zoom)
Aperture	F1.3~4.6
Iris	DC-iris
Field of View	54.1° ~ 1.9° (Horizontal) 41.2° ~ 1.4° (Vertical) 65.7° ~ 2.4° (Diagonal)
Camera Movement	Pan: 360° endless @Speed 0.05° ~ 450°/sec Tilt: -20° ~ +90° @Speed 0.05° ~ 450°/sec
Shutter Speed	1 sec. to 1/100,000 sec.
Day/Night	Yes
IR Cut Filter	Yes
IR Range	Built-in IR illuminators up to 200 meters with Smart IR, IR LED*8
WDR Technology	WDR Pro
Minimum Illumination	0.03 lux @ F1.3 (Color) 0.005 lux @ F1.3 (B/W) 0 lux with IR illumination on
Onboard Storage	MicroSD/SDHC/SDXC card slot (Built-in 256GB industrial SDCard)

Standard Video Settings

Frame Rate	15FPS
Video Streaming Settings	HD Video 2560 x 1920@15fps 1.2Mbps upload SD Video 1280 x 960@15fps 300Kbps upload

Standard Audio Settings

Audio	Two-way audio (Full duplex) (xPro License required to enable speaker talk-down feature)
Interface	External line Input External line output
Effective Range	-



Power and Network

Power input	AC 24V, DC48V, IEEE 802.3 bt Class 6 PoE (Simultaneous Power Redundancy Supported)
Power Consumption	PoE Max: 51W/26W (IR on/off) DC 48V Max: 51W/26W (IR on/off) AC 24V Max: 51W/26W (IR on/off) IR ON: 51W/45W Heater and fan on/off IR OFF: 26/20W Heater and fan on/off
Connectivity	RJ-45 cable connector for 10/100Mbps Network/PoE connection Audio line input* Audio line output* DC 48V power input AC 24V power input Digital input*2* Digital output*1* RS-485*1* * Requires AO-008 cable
Protocols	WebRTC, ARP, DHCP, DNS, HTTP, HTTPS, ICMP, IPv4, NTP, RTSP/RTP/RTCP, SSL, TCP/IP, TLS 1.2, UDP
Users	Up to 6 clients *Live viewing for 6 clients *live viewing up to 4 clients and playback 2 clients)
Security	Secure boot Signed firmware HTTPS/TLS encryption Video encryption
Interface	10 Base-T/100 Base-TX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.

General

Operating Temperature	Starting Temperature: -40°C ~ 55°C (-40°F ~ 131°F) Working Temperature: -40°C ~ 60°C (-40°F ~ 140°F) (IR on)
Humidity	98% RH (non-condensing)
Certifications	EMC: CE (EN 55032 Class A, EN55035, EN50121-4), UKCA (BS EN 55032: 2015 +A11: 2020 , BS EN 55035: 2017), FCC (FCC Part 15 Subpart B Class A), IC (ICES-003:2020 Issue7, Class A), RCM (AS/NZS CISPR 32 Class A), VCCI (VCCI-CISPR 32 Class A) Safety: UKCA (BS EN 62368-1:2014+A11:2017), UL (UL 62368-1), CB (IEC/EN 62368-1, IEC/EN 60950-22, IEC/EN 62471) Environment: IK10 (IEC 62262), IP66 (IEC 60529), NEMA (NEMA 250 Type 4X)
Warranty	Up to 5 years (Depends on license type)
Included Accessories	Wall mount bracket, Screw pack, Screws and anchors, T10 and T25 L-wrench, Waterproof round cap, Quick installation guide, Terminal blocks (for DI/DO audio, AC/DC/GND wires, RS485), Ground wire.

Mechanical

Weight	7.1 kg
Dimensions	ø 256 x 336 mm
Body	Metal

AI Analytics

Audio detection	Yes
Tampering detection	-
Application	-
AI Hub with xPro License	-
Application available with license	-