

CC831-HV

5MP Panoramic



Technical Specifications

Camera Features

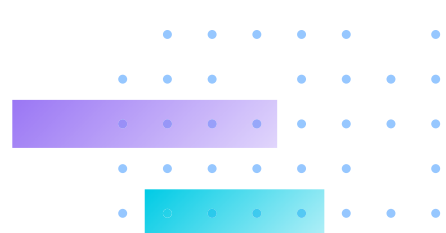
Image sensor	1/2.8" Progressive CMOS
Resolution	SD: 1280 x 960 HD: 2560 x 1920
Lens Types	Fixed-focal
Focal Length	f = 1.47 mm
Aperture	F2.7
Iris	Fixed Iris
Field of View	180° (Horizontal) 120° (Vertical) 180°(Diagonal)
Camera Movement	Tilt: ±20°
Shutter Speed	1/5 sec. to 1/32,000 sec.
Day/Night	Yes
IR Cut Filter	Yes
IR Range	Built-in IR illuminators up to 20 meters with Smart IR , IR LED*4
WDR Technology	WDR Pro
Minimum Illumination	0.08 lux @ F2.7 (Color) 0.005lux @ F2.7 (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 uploa

Standard Audio Settings

Audio	One-way Audio
Interface	Built-in microphone
Effective Range	5 Meters



Power and Network

Power input	IEEE 802.3af PoE Class 0
Power Consumption	Max. 10.26W/6.96W (IR on/off)
Connectivity	RJ-45 cable connector for 10/100 Mbps Network/PoE connection
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: -10°C ~ 55°C (14°F ~ 131°F) Working Temperature: -30°C ~ 55°C (-22°F ~ 131°F) (IR on) -30°C ~ 60°C (-22°F ~ 140°F) (IR off)"
Humidity	98% RH (non-condensing)
Certifications	EMC CE (EN 55032 Class A, EN 55035), UKCA (BS EN 55032: 2015 +A11: 2020, BS EN 55035: 2017 +A11: 2020), FCC (FCC Part 15 Subpart B Class A), RCM (AS/NZS CISPR 32 Class A), VCCI (VCCI-CISPR 32 Class A), ICES-003 Issue 7 Safety UL (UL 62368-1), CB (IEC/EN 62368-1 including annex Y, IEC/EN 62471) Environment IK10 (IEC 60529), IP66 (IEC 60529) IA BSMI (EMC: CNS 15936, Safety: CNS 15598-1)
Warranty	Up to 10 years (Depends on license type)
Included Accessories	Quick installation guide, mounting bracket, tilt bracket, screw pack

Mechanical

Weight	492 g
Dimensions	160 x 72 x 60 mm
Body	Metal

AI Analytics

Audio detection	Yes
Tampering detection	Yes
Application	Intrusion detection, Line crossing detection, Loitering detection, Unattended object detection, Missing object detection
Application with xPro License	AI Hub (Attribute search, Scene search, Re-search, Profile search, LPR search, Think search, Event insight), Facial recognition
Application Available with Advanced AI License	License plate recognition