



CC831-HV

5MP Panoramic



Technical Specifications

Camera Features

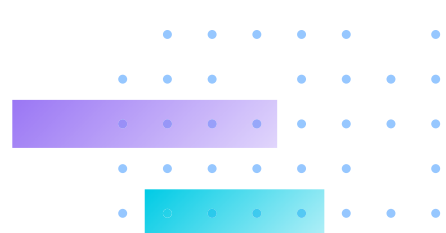
Image sensor	1/2.8" Progressive CMOS
Resolution	SD: 1280 x 960 HD: 2560 x 1920
Lens Types	Fixed-focal
Focal Length	f = 1.47 mm
Aperture	F2.7
Iris	Fixed Iris
Field of View	180° (Horizontal) 120° (Vertical) 180°(Diagonal)
Camera Movement	Tilt: ±20°
Shutter Speed	1/5 sec. to 1/32,000 sec.
Day/Night	Yes
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, Attribute Search, Scene Search, Re-Search, Profile Search
AI Hub with xPro License	-
Application available with license	-