

FD939-EHTV

8MP Fixed Dome Camera

Technical Specifications

Camera Features

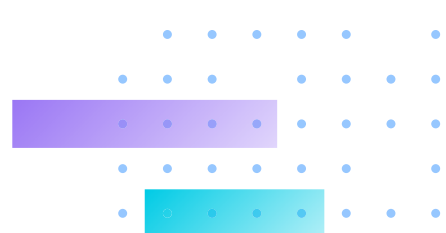
Image sensor	1/1.8" Progressive CMOS
Resolution	"SD: 2432 x 816 HD: 4864 x 1632"
Lens Types	Motorized, Vari-focal, Remote Focus
Focal Length	f = 4.3~9.8mm
Aperture	F1.6 ~ F2.6
Iris	P-iris
Field of View	110.4° ~ 45.1° (Horizontal) 57.9° ~ 25.4° (Vertical) 133.9° ~ 51.8°(Diagonal)
Camera Movement	Pan: 350° Tilt: 80° Rotate:350°
Shutter Speed	1/5 sec. to 1/32,000 sec.
Day/Night	Yes
IR Cut Filter	Yes
IR Range	Built-in IR illuminators, effective up to 40 meters with Smart IR, IR LED*4
WDR Technology	WDR Pro
Minimum Illumination	0.02 lux @ F1.6 (Color) <0.005 lux @ F1.6 (B/W) 0 lux with IR illumination on
Onboard Storage	MicroSD/SDHC/SDXC card slot (Built-in 512GB industrial SDCard)

Standard Video Settings

Frame Rate	15FPS
Video Streaming Settings	HD Video 4864 x 1632 (8MP) @15fps 3Mbps upload SD Video 1280 x 960@15fps 400Kbps upload

Standard Audio Settings

Audio	Two-way audio (Full duplex)* * Requires AO-015 cable
Interface	Built-in microphone External microphone Input* External line output* * Requires AO-015 cable
Effective Range	5 Meters



Power and Network

Power input	IEEE 802.3af PoE Class 3
Power Consumption	Max. 12.4W/ 9.6W (IR on/off)
Connectivity	RJ-45 cable connector for 10/100 Mbps Network/PoE connection Audio line input* Audio line output* Digital input: 1* Digital output: 1* * Requires AO-015 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: -20°C ~ 50°C (-4°F ~ 122°F) Working Temperature: -35°C ~ 60°C (-31°F ~ 140°F) (IR off) -35°C ~ 50°C (-31°F ~ 122°F) (IR on)
Humidity	98% RH (non-condensing)
Certifications	EMC CE (EN55032, EN55035 Class A), UKCA (BS EN 55032/BS EN 55035 Class A), FCC (FCC Part 15 Subpart B Class A), RCM (AS/NZS CISPR32 Class A), VCCI (VCCI-CISPR 32 Class A) IC (ICES-003 Issue 7, Class A) Safety UL (UL62368-1), CB (IEC/EN 62368-1, IEC/EN 62368-1, IEC/EN 62471), UKCA (BS EN IEC 62368-1) Environment NEMA (NEMA 250 Type 4X), IK10 (IEC 62262), IP66 (IEC 60529), BSMI (EMC: CNS 13438, Safety: CNS 14336-1)
Warranty	10 years
Included Accessories	Quick installation guide, alignment sticker, screw pack, L-shaped wrench

Mechanical

Weight	990 g
Dimensions	ø 134 x 116 mm
Body	Metal

AI Analytics

Audio detection	Yes
Tampering detection	Yes
People Analytics	Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, Profile Search
Vehicle Analytics	Intrusion detection, Line crossing detection, Loitering detection, Attribute Search, Scene Search, Re-Search, LPR Search
Object Analytics	Unattended object detection, Missing object detection