

ST-GIP12FE

12MP Ultra HD Infrared Vandal-resistant Fisheye Camera



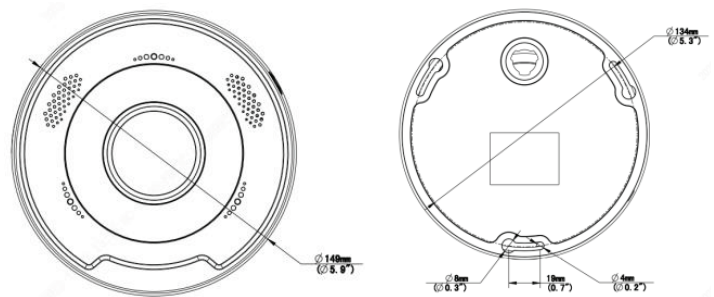
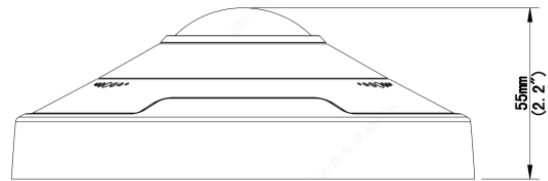
The SecurityTronix Fisheye Camera is an advanced surveillance solution offering high-resolution 12-megapixel imaging for ultra-high-definition video footage. Equipped with infrared technology for day and night monitoring, its vandal-resistant build ensures durability and protection, suitable for high-risk areas or outdoor use. The fisheye lens design enables a 360-degree panoramic view, reducing blind spots, and it includes features like motion detection and remote viewing for real-time monitoring making it ideal for businesses, public spaces, or residential areas prioritizing comprehensive, high-resolution surveillance.

Key Features

- High quality image with 12MP, 1/1.7" CMOS sensor
- Max 4000 x 3000 resolution
- Ultra265, H.265, H.264, MJPEG
- Ultra wide angle lens, 360° panoramic image
- Embedded infrared light, 360° fill-in light, up to 49 ft (15m) IR distance
- Multiple decoding modes, supports software and hardware modes, provides interactive dynamic view
- Heatmap: Working with management platform, the data of moving objects is counted in real time on an intuitive color map
- Built-in microphone & speaker, two-way talk supported
- Supports 256 G Micro SD card
- IK10 vandal resistant
- IP67 protection



Dimensions



Available Accessories



Junction Box
ST-GJB04-G

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Camera	
Sensor	1/1.7", 12.0 megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.03Lux (F2.0, AGC ON) 0Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, shutter time: 1 ~ 1/100000s
S/N	>52dB
WDR	DWDR

Lens	
Lens Type	1.8mm@F2.0
Field of View	360°

DORI					
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	1.8mm	47.9 yds (43.8 m)	19.1 yds (17.5 m)	9.6 yds (8.8 m)	9.9 yds (4.4 m)

Illuminator	
IR Range	Up to 49 ft (15m) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual

Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline Profile, Main Profile, High Profile
Main Stream	Fisheye View: 12MP (4000 x 3000)@20fps; 3000 x 3000@20fps; 2560 x 2560@25fps; Panorama View: 12MP (4000 x 3000)@20fps; 3000 x 2000@20/25fps; 3000 x 1500@20/25fp; PTZ View: 1920 x 1080@20/25fps;
Sub Stream	Fisheye View: 2000 x 1500@20fps; 2000 x 2000@25fps
Third Stream	Fisheye View: D1(720*576)@20/25fps; CIF352*288)@20/25fps;
Video Bit Rate	128 Kbps - 16 Mbps
U-code	Support
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
Motion Detection	Up to 8 areas
Video stream	Triple streams

Image	
White Balance	Auto/Outdoor/Fine Tune/ Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Supported
Flip	Normal/Flip Vertical/ Flip Horizontal/180°
Dewarping	N/A
HLC	N/A
BLC	Supported
Defog	Digital Defog

Live View Display	
Mount Type	Support table, wall, and ceiling
Hardware Decoding	Ceiling mount: fisheye view, fisheye + 4PTZ, horizontal panorama view, vertical panorama view Table mount: fisheye view, fisheye + 4PTZ, , horizontal panorama view, vertical panorama view Wall mount: fisheye view, fisheye + 4PTZ, panorama view
Software Decoding	Ceiling mount: fisheye view, 360° panorama + 1PTZ, 180° panorama view, fisheye+ 3PTZ, fisheye+4PTZ, fisheye+8PTZ,360° panorama + 6PTZ Table mount: fisheye view, 360° panorama + 1PTZ, 180° panorama view, fisheye+ 3PTZ, fisheye+4PTZ, fisheye+8PTZ,360° panorama + 6PTZ Wall mount: fisheye view, 180° panorama view, 180° panorama view+3PTZ, 180° panorama view+4PTZ, 180° panorama view+8PTZ

Intelligent	
Smart intrusion prevention	Cross Line detection, Intrusion detection
Statistical Analysis	Heat map(Working with management platform)

Events	
Basic Detection	Motion detection, Audio detection, Tampering alarm
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication

Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way audio	Support
Suppression	Supported
Sampling Rate	8KHZ

Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)

Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API,SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Client	EZStation, EZView, EZLive
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above

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Interface

Audio I/O	Input: impedance 35k Ω ; amplitude 2V [p-p]
	Output: impedance 600 Ω ; amplitude 2V [p-p]
Alarm I/O	2/1
	Multiple Alarm linkage editable
Built-in Mic	Two Mics
Built-in Speaker	Support
Serial	1 channel RS485 interface
Network	1 RJ45 10M/100M Base-TX Auto-adaptive Ethernet
Video Output	1 BNC, impedance 75 Ω ; amplitude 1V [p-p]

Certifications

EMC	CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019,EN IEC 61000-3-2: 2019+A1: 2021,EN 55035: 2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)

General

Power	DC 12V \pm 25%, PoE (IEEE 802.3af)
	Power consumption: Max 12W
Dimensions (L x W x H)	Φ 5.9" x 2.2" (Φ 149 x 55mm)
Weight	1.16 lb (524 g)
Material	Metal + Plastic
Working Environment	-22 - 140°F (-30 - 60°C), Humidity: \leq 95% RH (non-condensing)
Storage Environment	-22 - 140°F (-30 - 60°C), Humidity: \leq 95% RH (non-condensing)
Surge Protection	4KV
Reset Button	Supported
Ingress Protection	IP67, IK10
Warranty	2-Year Limited Warranty