ST-IP4FB-8

SecurityTronix CorridorPro - 4MP IR Fixed Lens Bullet Network Camera

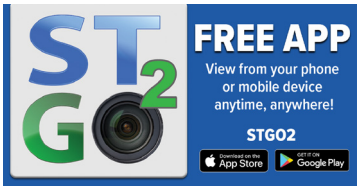
The SecurityTronix 4MP IR Bullet Network Camera delivers high-definition surveillance with an 8mm fixed lens, providing crisp, detailed imaging for clear identification of people, objects, and spaces—both in live view and playback. Now enhanced with SecurityTronix CorridorPro, this camera is optimized for long, narrow environments where traditional widescreen formats waste valuable coverage.

What Is CorridorPro?

CorridorPro—also known as vertical view or 90° rotation—transforms the camera's standard widescreen aspect ratio into a tall, vertical image. This simple orientation shift maximizes usable surveillance area in hallways, aisles, and other linear spaces without increasing bandwidth or storage requirements.

Available Accessories

ST-JBMB
Junction Box



Key Features

- 1/3" progressive scan CMOS
- 2688 × 1520 resolution at 30 fps
- 8 mm fixed lens
- Color performance: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
- Supports H.265+, H.265, H.264+, and H.264
- Triple streaming
- 120 dB WDR
- Includes 2 behavior analytics features and face detection
- BLC / 3D DNR / ROI / HLC
- IP67-rated weather protection
- Built-in microSD/SDHC/SDXC card slot (up to 256 GB)
- 3-axis adjustment

Why Installers & Integrators Love CorridorPro

- Maximize Vertical Coverage - Cover hallways, aisles, and tight spaces more efficiently by focusing the camera view exactly where the activity happens.
- Reduce Camera Count - Where traditional cameras might require two units to achieve full-length coverage, Corridor Mode often allows you to do it with one.
- Fewer cameras = lower equipment cost + faster installations.
- Capture More Detail Where It Matters - Instead of wasting pixels on walls or unused horizontal space, Corridor Mode concentrates resolution down the length of the monitored area—boosting identification quality.

CorridorPro shines wherever long, narrow spaces need comprehensive monitoring:

- Hallways & Corridors - Schools, office buildings, healthcare facilities, hotels—monitor entire hallway lengths without blind spots.
- Retail Aisles - Improve shrinkage control by capturing full aisle activity from end to end.
- Parking Garage Lanes - Track vehicle and pedestrian movement efficiently with fewer cameras.
- Warehouse & Stockroom Rows - See down long shelving runs to better track inventory access and traffic.
- Transit Stations & Walkways - Monitor traffic flow and enhance safety in tunnels and passages.
- Multi-Unit Housing - Ideal for apartment corridors, entry vestibules, and mail package areas.

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Camera

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°

Lens

Focal length	2.8/4/6/8 mm
Aperture	F1.6
Focus	Fixed
FOV	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58° 8 mm, horizontal FOV: 39°, vertical FOV: 22°, diagonal FOV: 45°
Lens Mount	M12

IR

IR Range	Up to 30 m
Wavelength	850nm

Compression Standard

Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 16 Mbps

Smart Features Set

Smart Event	Line crossing detection, intrusion detection, face detection
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, Email
Region of Interest	1 fixed region for main stream and sub-stream

Image

Max. Resolution	2688 × 1520
Main Stream	50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR/HLC
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
Target Cropping	No
Day/Night Switch	Day/Night/Auto/Schedule

Network

Network Storage	Support Micro SD/SDHC/SDXC card (256G), local storage and NAS (NFS,SMB/CIFS), ANR
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	Guarding Vision Desktop client and STGO2.
Web Browser	Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+

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Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Video Output	No
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 256 GB
SVC	H.264 and H.265 encoding
Reset Button	Yes

General	
Operating Conditions	-22 °F to 140 °F (-30 °C to 60 °C), humidity: 95% or less (non-condensing)
Web Client Language	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
Power Supply	12 VDC ± 25%, Φ5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption	12 VDC, 0.5 A, max. 6 W PoE: (802.3af, 36 V to 57 V), 0.3 A to 0.1 A, max. 7.5 W
Protection Level	IP67
Material	Metal
Dimensions	Camera: Φ 2.8″ × 6.1″ (Φ 70 × 155.03 mm) With package: 8.5″ × 4.8″ × 4.7″ (216 × 121 × 118 mm)
Weight	Camera: 0.9 lb. (420 g) With package: 1.5 lb. (700 g)
Warranty	2-Year Limited Fixed Camera Warranty