SecurityTronix™
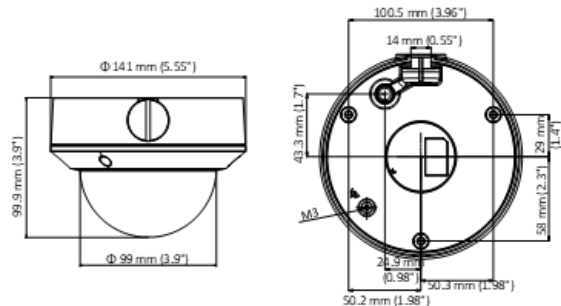
ST-IP4VFD-MZ-LS

4MP IP Motorized Varifocal Lens Dome Camera

Looking for high quality HD IP video surveillance cameras but do not want to pay the high prices? SecurityTronix Lite Series has your solution. The Lite Series 4 Mega Pixel High Resolution, IP motorized varifocal lens camera transmits and receives video and controls data over a single network cable. This Motorized 2.8 -12mm Varifocal Lens allows you to aim, zoom and focus the lens at the recorder, using a test meter, via web browser or using CMS making the install process safer and easier. The free STGO2 app allows users to view their cameras on their mobile devices anytime with ease. Cameras are Plug n Play when paired with SecurityTronix Network Video Recorders (NVR) that have built in PoE. Need to make sure you are not going to lose recorded data... The Lite Series cameras connect to SecurityTronix ST LIVE cloud based platform for retention of recorded video off site. The robust design includes an IP67 weather rating, Digital Wide Dynamic Range (DWDR) to provide a clear image when a lighting change occurs behind the subject being viewed, and IR LEDs allow the camera to see in total darkness up to 98 feet. The camera can be powered via PoE (power over Ethernet) or locally with a 12V DC power supply. Power supply not included.

Dimensions

Key Features

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm to 12 mm motorized varifocal lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- Digital WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 98' IR range
- PoE (Power over Ethernet)
- IP67, IK10

Available Accessories

Wall Mount Camera Mount
ST-WM1

Wall Mount Camera Mount
ST-WM1B

Junction Box Camera Mount
ST-JB1

FREE APP
View from your phone or mobile device anytime, anywhere!
STGO2

App Store | Google Play

800-460-1801 | sales@securitytronix.com | www.securitytronix.com

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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)
Shutter Speed	1/3 s to 1/100, 000 s, support slow shutter
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	Digital WDR (Wide Dynamic Range)
Angle Adjustment (Bracket)	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 360°°

Lens

Focal Length	2.8 to 12 mm
Aperture	F1.6
Focus	Auto
FOV	Horizontal field of view: 98° to 28° Vertical field of view: 51° to 16° Diagonal field of view: 115° to 32°
Lens Mount	Φ14

IR

IR Range	Up to 98'
Wavelength	850nm

Compression Standard

Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/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 8 Mbps

Image

Max. Resolution	2560 × 1440
Main Stream Max. Frame Rate	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, scheduled

Smart Features

Region of Interest	1 fixed region for main stream and sub-stream

Network

Network Storage	NAS (NFS,SMB/CIFS
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflicted, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	5.5.3
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	STGO2, Guarding Vision Client
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

Interface

Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port

General

Operating Conditions	-22 °F to 122 °F (-30 ℃ to 50 ℃), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	-IZ: 12 VDC, 0.8 A, Max: 10 W; PoE: (802.3af, 36 V to 57 V), 0.35 A to 0.2 A, Max: 12 W -I: 12 VDC, 0.5 A, Max: 6 W; PoE: (802.3af, 36 V to 57 V), 0.22 A to 0.14 A, Max: 8 W
Protection Level	IP67, IK10 TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal & Plastic
Dimensions	Camera: Φ 5.6" × 3.9" (Φ 141 × 99.9 mm) With package: 5.5"× 5.5"× 6.1" (140 × 140 × 154 mm)
Weight	Camera: Approx. 1.8 lb. (820 g) With package: Approx. 2.6 lb. (1200 g)
Warranty	2-Year Limited Camera Warranty