

TVB-1101

TruVision 1.3 MPX, PAL, Outdoor IR Mini Bullet, True D/N, H.264, PSIA/ONVIF/CGI, 25m IR, 6mm @ F1.6, PoE / 12VDC

Overview

The TVB-1101 is an HD IP Outdoor IR Bullet camera, designed to perform in a wide range of lighting conditions.

Its built in IR LEDs provide illumination up to 25 meters to ensure images – even in low light environments. The camera's Digital Wide Dynamic Range feature ensures that images are obtained, even in backlight scenes.

The camera is compliant with the ONVIF and PSIA open standards.

Form Factor

The size of this mini bullet camera makes it easy to install, for example, at entry or exit doors. The IP66 rated housing provides a weatherproof solution.

IP technology

TruVision cameras utilize H.264 compression with dual-streaming capability, making it easy to manage the camera's bandwidth usage. These cameras have been designed to adhere to PSIA and ONVIF open communication standards, and also support a CGI command set for simple integration into any IP system. Video streams can be set up for high and low bandwidth and images can be streamed for live viewing or sent to a designated recording location.



Details

- IR bullet camera
- Real time HD 960p resolution
- Maximum resolution HD 960p
- H.264 with dual streaming functionality
- 1/3" CMOS Progressive Scan
- Motorized IR cut filter
- Digital Wide Dynamic Range
- 0 Lux (IR on)
- Up to 25m IR illumination
- Fixed 6mm lens
- Designed to ONVIF and PSIA open standards

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Technical specifications

General

Technology	IP
Estándar de Video	PAL
Máscaras de privacidad	4
Compatibilidad del software	TruVision Navigator, TVRmobile, Prism, OnGuard

Cámara

Tamaño del sensor	1/3"
Resolución máxima	1.3 MPX
Exploración del sensor	Progresivo
Tipo de Sensor	CMOS
Ratio digital S/R	50 dB
Tiempo del disparador	1/25 to 1/100,000 s

Rendimiento lumínico

Tipo WDR	WDR digital
WDR	72 dB
Reducción digital de ruido	3D DNR
Día/Noche	Verdadero Día/Noche
Filtro de corte IR motorizado	Si
Sensibilidad de color	0.01 lux @ F1.2
Sensibilidad B/N	0 lux with IR
Activador B/N	2.70 lux
Infrarrojo (IR)	Si
Sensibilidad IR	0 lux with IR
Rango IR	Up to 25m
Longitud de onda del IR	850
Activador IR	2.70 lux

Codificación

Flujos de video	2
Compresión del flujo principal	H.264
Compresión del flujo secundario	H.264, MJPEG
Resolución máx. @ ips	1280 x 960 @ 25 fps

Lente

Tipo de lente	Fijo
Distancia focal	6 mm
f-stop	2
Auto iris	No
Auto focus	No
Zoom monitorizado	No

Pan/tilt/zoom

Zoom óptico	No
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Red

Integration	ONVIF, PSIA, CGI
Protocolos de red soportados	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP, 802.1x, Qos, IPv4, IPv6

Almacenamiento

Soporte almacenamiento local	No
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Inteligencia de video

Activador de alarma	Detección de movimiento, Máscara de Privacidad, Tamper de video
Analíticas de Video	Detección de intrusión, Detección de cruce de línea

Eléctrico

Tipo de fuente de alimentación	VCC
Valor de la fuente de alimentación	12VDC ± 10%
Consumo de corriente	5 W max.

Físico

Peso neto	373 g
Factor de forma	Compacta

Medioambiental

Antivandálico	No
Entorno	Exterior
Temperatura de funcionamiento	-30 to +60°C -22 to +140°F
Temperatura de arranque en frío	-20°C (-14°F)

Normativa

Cumplimiento	UL, CE, FCC, C-tick, REACH, RoHS, HALT, WEEE
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Camera

Sensor Size:	1/3'
SD / MPX:	1.3MPX
Sensor scan:	Progressive Scan
Sensor type:	CMOS
IP Compression / Standard:	Main stream: H.264 Sub stream: H.264/MJPEG
Available Resolutions:	Main stream: 1280x960,1280x720,704x576,640x480 Sub stream: 704x576,352x288,320x240

Maximum Resolution (@ 1280 x 960 @25 fps FPS):	
Maximum Real Time Resolution:	1280 x 960
HD 720p:	Yes
Full HD 1080p:	No
Digital S/N ratio:	50dB
Electronic shutter:	1/25s to 1/100.000s
Certification:	UL, CE, FCC, C-tick, REACH, RoHS, HALT, WEEE

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Lighting performance

Wide Dynamic Range:	DWDR
WDR in dB:	72dB
Digital noise reduction:	3D DNR
Day/Night:	True Day/Night
Motorized IR Cut Filter:	Yes
Color sensitivity:	0.01 lux @ F1.2
B/W sensitivity:	0 Lux with IR
IR sensitivity:	0 Lux with IR
IR Range:	Up to 25m
IR Wavelength:	850nm
B/W trigger:	2.70lux
IR trigger:	2.70lux

Housing

Camera type:	Bullet
IP rating:	IP 66
Outdoor:	Yes
Rugged:	No

Lens

Control type:	Fixed
Optical zoom:	No
Focal length:	6mm
F-stop:	2
Autoiris:	No
Varifocal:	No
Zoom lens:	No
Autofocus:	No

Power consumption

Voltage Input:	12VDC $\pm$ 10%
Current:	Max. 0.42A
Power Consumption:	Max. 5W
PoE:	PoE(802.3af)

Network

ONVIF:	2.2
PSIA:	1.1
CGI:	Yes
Network Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP, 802.1x, Qos, IPv4/IPv6

Local Storage

Media:	No
Capacity:	No

Camera Analytics

Motion Detection:	Yes
Privacy Masking:	4

Mechanical / Environmental

Dimensions:	Ø 60 x 153mm (2,4 x 6 in)
Weight:	373g (8.22lb)
Cold start Temperature	-20°C (-14°F)
Operating Temperature:	-30°C to 60°C (-22°F to 140°F)



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