TVB-5404

Câmara Bullet IP PoE 3MPX, H.265/H.264, Varifocal 8 a 32mm motorizada, LEDs IR - TruVision

Overview

The TruVision line of IP bullet form factor cameras leverages the latest H.265 video compression technology to bring state of-the-art, high-definition pictures to the mass video surveillance market. With camera resolutions of 2, 3, or 5 megapixel, these IP cameras represent a flexible video surveillance device to meet any need. Equipped with advanced technology and signal processing capability, they effectively capture video under challenging conditions.

TruVision cameras utilize H.264 and/or H.265 compression technology with triple-streaming capability, making it easy to manage the camera's bandwidth usage. Motorized varifocal lens technology allows the user to remotely adjust the varifocal lens length and focus the camera with the touch of a button. Select models feature Super Low Light technology, which provides a clear image in low lighting conditions with a minimum of "grainy" interference. Recording to a local MicroSD card (not included) protects data in the event of network disruptions.

These cameras go above and beyond standard motion detection with enhanced alarm capabilities, including cross lines, intrusion, de-focus and face detection features. Each is user-configurable to best suit the installation environment. A Region of Interest function ensures specific portions of an image are given priority during instances of high network traffic or network degradation.

Location-specific functions include a Hallway View Mode to provide a portrait view of a hallway or corridor, a De-Fog Mode to help resolve images though fog or rain and Electronic Image Stabilization for installations subject to physical vibration or shaking.

Detalhes

- Maximum Resolution: 2048 × 1536
- Maximum Real Time Resolution: 2048 × 1536 @ 25 fps
- Designed to PSIA and ONVIF Profile G and S open standards
- H.265 and/or H.264 compression with triple-streaming functionality
- Edge recording up to 128GB SDHC card
- 1/2.8" CMOS image sensor
- Motorized IR Cut Filter
- Low Light: Color: 0.008 Lux @ (F1.2, AGC ON), 0 Lux IR ON
- Motorized Lens 8 to 32mm
- Up to 80m IR illumination
- Up to 120dB Wide Dynamic Range
- Intelligence (Face detection, Audio Exception Detection, Intrusion Detection, De-focus Detection, Region of Interest (ROI), Electronic Image Stabilization (EIS), Defog, Scene Change Detection, Cross Line Detection, Advanced Motion Detection, Region Entrance Detection, Region ExitDetection, Object Removal, Object Left Behind, Object Counting)

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Especificações técnicas

Geral

Tecnologia	IP
Modos de display	Visualização Corredor, Espelho, ROI (Região de interesse)
Saída de vídeo	BNC Composto PAL / NTSC
Compatibilidade de software	OnGuard, Prism, TruVision Navigator, TVRmobile, Web Browser

Câmera

Dimensão do sensor	1/2.8"
Resolução máx	3 MPX
Varredura do sensor	Progressivo
Tipo de sensor	CMOS
Total de pixéis (H x V)	2048 x 1536
Pixéis efetivos (H x V)	2048 x 1536

Desempenho de iluminação

Tipo WDR	True WDR
WDR	120 dB
Redução digital de ruído	3D DNR
Dia / noite	True Day/Night
Filtro IR motorizado	Sim
Sensibilidade de cor	0.008 Lux @ (F1.2, AGC ON)
Sensibilidade P/B	0 lux with IR on
Infravermelho (IR)	Sim
Sensibilidade IR	0 lux with IR
Alcance IR	Up to 80 m
Comprimento de onda IR	850 mm

Codificação

Compressão sub stream	H.264, MJPEG
Taxa bit vídeo	128kbps to 16Mbps
Resoluções de Sub Stream	176 x 144 (QCIF), 352 x 288 (CIF), 704 x 576 (4CIF)
Resolução máx. @ fps	2048 x 1536 @ 25 fps

Lente

Tipo de lentes	Varifocal motorizado
Distância focal	8 to 32 mm
Auto iris	Sim
Auto focus	Sim
Zoom motorizado	Sim

Rede

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

Áudio

Compressão de áudio	G.711, G.722.1, G.726, MP2L2
Entrada áudio	1
Saída áudio	1

I/O Alarme

Entradas de alarme	1
Saídas de alarme	1
Ligações I/O Alarme	Terminal Type

Armazenamento

Suporte de armazenamento local	Sim
Suporte de armazenamento local	Built-in Micro SD/SDHC/SDXC card slot
Capacidade máx. de armazenamento	128GB

Vídeo inteligência

Acionador de Alarme	Deteção de movimento, Máscara de Privacidade, Sabotagem de vídeo
Vídeo análise	Deteção avançada de movimento, Deteção de exclusão de áudio, Desfocar, Desembaciar, Estabilização Eletrónica de Imagem (EIS), Deteção de face, Deteção de intrusão, Deteção cruzamento de linha, Contagem objetos, Objeto deixado para trás, Deteção de remoção de objeto, Deteção de entrada na região, Deteção a sair de região, Alteração de cena

Elétrica

Tipo de fonte de alimentação	VDC
Valor da fonte de alimentação	12 VDC
Consumo de energia	13 W
Consumo de corrente	1.083 A

Físico

Dimensões físicas	116 x 292 mm
Peso líquido	1.6 kg
Cor	Cinzento
Fator de Forma	Bullet

Ambiental

À prova de vandalismo	Não
Ambiente	Exterior
Temperatura de operação	-40 to +60°C -40 to +140°F
Classificação IP	66

Regulamentação

Conformidade	CE, FCC, HALT, REACH, RoHS, UL, WEEE

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Camera

Sensor:	3 MPX 1/2.8" Progressive Scan CMOS
Day/Night:	Motorized IR Cut Filter
IP Compression/Standard:	H.265/ H.264 / MJPEG
Maximum Resolution (@ FPS):	2048 × 1536 (25 fps)
Maximum Real Time Resolution (@ FPS):	50Hz: 25fps (2048 × 1536), 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps@2048 × 1536, 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Multiple Streaming:	Triple Streams
Video Bit Rate:	128 Kbps to 16 Mbps, adjustable
S/N Ratio:	52 dB (AGC OFF)
Auto Exposure (shutter):	50 Hz: 1/3s to 1/100,000s 60 Hz: 1/3s to 1/100,000s
Composite Output (BNC):	Yes

Lighting performance

Wide Dynamic Range	WDR
WDR in dB	120dB
Digital noise reduction	3D DNR
Highlight compensation (HLC)	No
Day/Night	True D/N
Motorized IR Cut Filter	Yes
Color sensitivity	Color: 0.008 Lux @ (F1.2, AGC ON), 0 Lux IR on
IR Range	Up to 80 m
IR Wavelength	850nm

Lens

Control type:	DC
Focal length:	8 to 32mm
Actually measured view "Horizontal View Angle(°)":	29.7 - 9.7
Actually measured view "Vertical View Angle(°)":	22 - 7
Zoom lens:	Motorized
Autofocus:	Yes
Auto Iris:	Yes

Electrical

Voltage Input:	12VDC, PoE (802.3af / 802.3at with heater)
Power Consumption:	13 W
Current:	1083 mA
Auxiliary Power	50mA @12VDC Line level

Network

Network Protocols:	TCP/IP, HTTP, DHCP, DNS, DDNS, ezDDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos, IPv6. ONVIF, PSIA, CGI
PoE IEEE:	802.3at
Standard & Integration	ONVIF Profile (G,S), PSIA, CGI

LocalStorage

Media:	MicroSD/micro SDHC/ microSDXC
Capacity:	Up to 128GB
Input:	Audio in / Mic in (line level)
Output:	Audio out
Audio bit rate (protocol)	G.711ulaw, G.711alaw, MP2L2, G.726, PCM

Camera Alarm

Basic:	Motion Detection, Tamper Proof, Privacy Mask
Advanced:	Face detection, Audio Exception Detection, Intrusion Detection, De-focus Detection, Region of Interest (ROI), Electronic Image Stabilization (EIS), Defog, Scene Change Detection
	Cross Line Detection, Advanced Motion Detection, Region Entrance Detection, Region Exit Detection, Object Removal, Object Left Behind, Object Counting
Input/Output:	1 input / 1 output

Display

Display mode:	N/A
OSD:	N/A

Mechanical/ Environmental

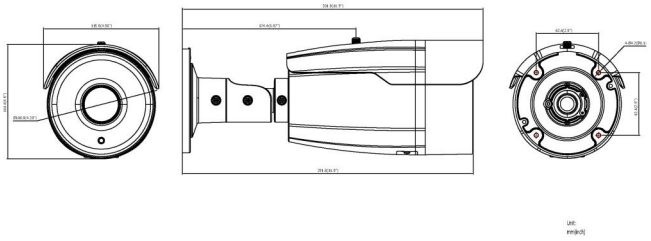
Camera type:	Bullet
Dimensions:	Ø 115.8 × 291.8 mm (4.6 × 11.5 in.)
Weight:	1600 g (3.53 lbs.)
Storage Temperature:	-40 to +60 °C (-40 to +140 °F)
Operating Temperature:	-40 to +60°C (-40 to +140°F), with heater on
Humidity:	95% or less (non-condensing)
Environmental Rating:	IP66
Vandal Rating:	No
Outdoor:	Yes

Regulation

Compliance:	FCC, CE, UL, WEEE, RoHS, REACH

Accessories

Brackets:	No



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