TVB-5404

TruVision IP Bullet Camera, H.265/H.264, 3.0MPX, 8 to 32mm motorized lens, WDR, True D/N, 80m IR, Audio, Alarm, BNC, micro SD/SHDC slot, Intelligence, POE (802.3-af) /12VDC, Heater,

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.

Details

- 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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Technische specificaties

Algemeen

Technologie	IP
Image settings	Hallway View, Mirror, ROI (Region Of Interest)
Video-uitgang	BNC Composite PAL / NTSC
Software compatibiliteit	OnGuard, Prism, TruVision Navigator, TVRmobile, Web Browser

Camera

Sensorgrootte	1/2.8"
Max. resolutie	3 MP
Sensor scan	Progressive
Type sensor	CMOS
Totaal aantal pixels (H x V)	2048 x 1536
Effectieve pixels (H x V)	2048 x 1536
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

Verlichtingsprestaties

Type WDR	True WDR
WDR	120 dB
Digitale ruisonderdrukking	3D DNR
Dag / nacht	True Day/Night
Gemotoriseerd IR-cutfilter	Ja
Kleurgevoeligheid	0.008 Lux @ (F1.2, AGC ON)
Zwart-wit gevoeligheid	0 lux with IR on
Infrarood (IR)	Ja
IR-gevoeligheid	0 lux with IR
IR-bereik	Up to 80 m
IR-golflengte	850 mm

Encodering

Substream-compressie	H.264, MJPEG
Video bitrate	128kbps to 16Mbps
Substream resoluties	176 x 144 (QCIF), 352 x 288 (CIF), 704 x 576 (4CIF)
Max. resolutie @ fps	2048 x 1536 @ 25 fps

Objectief

Type objectief	Varifocaal gemotoriseerd
Brandpuntsafstand	8 to 32 mm
Auto-iris	Ja
Auto-focus	Ja
Gemotoriseerde zoom	Ja

Netwerk

Integratie	CGI, ONVIF, PSIA
Ondersteunde netwerkprotocollen	802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP

Audio

Audiocompressie	G.711, G.722.1, G.726, MP2L2
Audio-in	1
Audio-uit	1

Alarm I/O

Alarmingangen	1
Alarmuitgangen	1
Alarm I/O-aansluiting	Terminal Type

Opslag

Ondersteuning voor lokale opslag	Ja
Type lokale opslag	Built-in Micro SD/SDHC/SDXC card slot
Max. SD card capacity	128GB

Video-intelligentie

Alarmtrigger	Motion detection, Privacy Masking, Video tampering
Smart event	Advanced motion detection, Audio exception detection, Defocus, Defog, Electronic Image Stabilization (EIS), Face detection, Intrusion detection, Line crossing detection, Object counting, Object left behind, Object removal detection, Region entrance detection, Region exiting detection, Scene change detection

Elektrisch

Type voeding	VDC
Waarde voeding	12 VDC
Vermogensverbruik	13 W
Stroomverbruik	1.083 A

Fysiek

Fysieke afmetingen	116 x 292 mm
Netto gewicht	1.6 kg
Kleur	Grijs
Form Factor	Bullet

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Omgeving

Vandaalbestendig	Nee
Omgeving	Buiten
Bedrijfstemperatuur	-40 to +60°C -40 to +140°F
IP-classificatie	66

Regelgeving

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

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

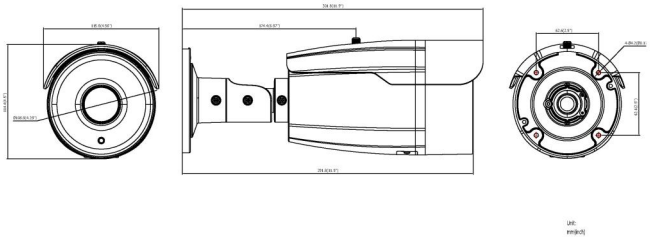
Camera type:	Bullet
Dimensions:	Ø 115.8 × 291.8 mm (4.6 × 11.5 in.)
Weight:	1600 g (3.53 lbs.)
Storage Temperature:	-40 to +60 °C (-40 to +140 °F)
Operating Temperature:	-40 to +60°C (-40 to +140°F), with heater on
Humidity:	95% or less (non-condensing)
Environmental Rating:	IP66
Vandal Rating:	No
Outdoor: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

Regulation

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

Accessories

Brackets:	No



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