

TVB-5403

TruVision IP Bullet Camera, H.265/H.264, 3.0MPX, 2.8 to 12mm motorized lens, WDR, True D/N, 50m IR, Audio, Alarm, BNC, micro SD/SHDC slot, Intelligence, POE (802.3-af) /12VDC,

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
- \bullet Maximum Real Time Resolution: 2048 \times 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 2.8 to 12mm
- Up to 50m 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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Technical specifications

Technology	IP
Image settings	Hallway View, Mirror, ROI (Region Of Interest)
Video output	BNC Composite PAL / NTSC
Software compatibility	OnGuard, Prism, TruVision Navigator,
	TVRmobile, Web Browser
Camera	
Sensor size	1/2.8"
Max. resolution	3 MP
Sensor scan	Progressive
Sensor type	CMOS
Total Pixels (H x V)	2048 x 1536
Effective pixels (H x V)	2048 x 1536
Digital S/N ratio	52 dB (AGC OFF)
IP	H.265/ H.264 / MJPEG
Compression/Standard:	
Maximum Real Time	50Hz: 25fps (2048 × 1536), 50fps (1920 × 1080
Resolution (@ FPS):	1280 × 960, 1280 × 720)
	60Hz: 30fps@2048 × 1536, 60fps (1920 × 1080
Multiple Ctropping	1280 × 960, 1280 × 720)
Multiple Streaming:	Triple Streams
Video Bit Rate:	128 Kbps to 16 Mbps, adjustable
Auto Exposure (snutter)	: 50 Hz: 1/3s to 1/100,000s 60 Hz: 1/3s to 1/100,000s
Composite Output (BNC):	Yes
(BNC):	
(BNC): Lighting performa n	ice
(BNC): Lighting performan WDR type	I CE True WDR
(BNC): Lighting performan WDR type WDR	True WDR 120 dB
(BNC): Lighting performan WDR type WDR Digital noise reduction	True WDR 120 dB 3D DNR
(BNC): Lighting performan WDR type WDR Digital noise reduction Day/night	True WDR 120 dB 3D DNR True Day/Night
Lighting performan WDR type WDR Digital noise reduction Day/night Motorized IR cut filter	True WDR 120 dB 3D DNR True Day/Night Yes
Lighting performan WDR type WDR Digital noise reduction Day/night Motorized IR cut filter Color sensitivity	True WDR 120 dB 3D DNR True Day/Night Yes 0.008 Lux @ (F1.2, AGC ON)
Lighting performan WDR type WDR Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity	True WDR 120 dB 3D DNR True Day/Night Yes 0.008 Lux @ (F1.2, AGC ON) 0 lux with IR on
(BNC): Lighting performan WDR type WDR Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity Infrared (IR) IR sensitivity	True WDR 120 dB 3D DNR True Day/Night Yes 0.008 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR
(BNC): Lighting performan WDR type WDR Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity Infrared (IR) IR sensitivity IR range	True WDR 120 dB 3D DNR True Day/Night Yes 0.008 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes
(BNC): Lighting performan WDR type WDR Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity Infrared (IR) IR sensitivity	True WDR 120 dB 3D DNR True Day/Night Yes 0.008 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR Up to 50 m 850 mm
(BNC): Lighting performan WDR type WDR Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity Infrared (IR) IR sensitivity IR range IR wavelength Highlight compensation	True WDR 120 dB 3D DNR True Day/Night Yes 0.008 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR Up to 50 m 850 mm
(BNC): Lighting performan WDR type WDR Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity Infrared (IR) IR sensitivity IR range IR wavelength Highlight compensation (HLC)	True WDR 120 dB 3D DNR True Day/Night Yes 0.008 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR Up to 50 m 850 mm No
(BNC): Lighting performan WDR type WDR Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity Infrared (IR) IR sensitivity IR range IR wavelength Highlight compensation (HLC)	True WDR 120 dB 3D DNR True Day/Night Yes 0.008 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR Up to 50 m 850 mm No
Lighting performan WDR type WDR Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity Infrared (IR) IR sensitivity IR range IR wavelength Highlight compensation (HLC) Encoding Sub stream compression	True WDR 120 dB 3D DNR True Day/Night Yes 0.008 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR Up to 50 m 850 mm No

Lens	
Lens type	Varifocal motorized
Focal length	2.8 to 12 mm
Auto iris	Yes
Auto focus	Yes
Motorized zoom	Yes
Control type:	DC
Actually measured view "Horizontal View Angle(°)":	105 - 32
Actually measured view "Vertical View Angle(°)":	69 - 29
Network	
Integration	CGI, ONVIF, PSIA
Supported network protocols	802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP, SMTP, SMMP, TCP/IP, UPnP
PoE IEEE:	802.3at
Standard & Integration	ONVIF Profile (G,S), PSIA, CGI
Audio	
Audio compression	G.711, G.722.1, G.726, MP2L2
Audio in	1
Audio out	1
Alarm I/O	
Alarm inputs	1
Alarm outputs	1
Alarm I/O connection	Terminal Type
Storage	
Local storage support	Yes
Local storage type	Built-in Micro SD/SDHC/SDXC card slot
Max. SD card capacity	128GB
Video intelligence	
Alarm trigger	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
Electrical	
Power supply type	VDC
Power supply value	12 VDC
Power consumption	13 W

Current consumption

Voltage Input:

Auxiliary Power

1.083 A

12VDC, PoE (802.3af / 802.3at with heater)

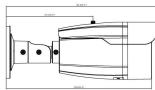
50mA @12VDC Line level

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Physical	
Physical dimensions	116 x 292 mm
Net weight	1.6 kg
Colour	Grey
Form Factor	Bullet
Environmental	
Vandal proof	No
Environment	Outdoor
Operating temperature	-40 to +60°C, with heater on -40 to +140°F
Storage temperature	-40 to +60 °C
Relative humidity	95% or less (noncondensing)
IP rating	IP66
Regulatory	
Compliancy	CE, FCC, HALT, REACH, RoHS, UL, WEEE
LocalStorage	
Media:	MicroSD/micro SDHC/ microSDXC
Input:	Audio in / Mic in (line level)
Output:	Audio out
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
Display	
Display mode:	N/A
OSD:	N/A
Regulation	
Compliance:	FCC, CE, UL, WEEE, RoHS, REACH
Accessories	







Unit: emijedij



No

Brackets: