

TVD-5408

TruVision IP Outdoor Dome Camera, H.265/H.264, 5.0MPX, 2.8 to 12 mm motorized lens, DWDR, True D/N, 30 m IR, audio, alarm, BNC, micro SD/SHDC slot, Intelligence, POE

Overview

The TruVision line of IP dome 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: 2592 × 1944
- \bullet Maximum Real Time Resolution: 2592 \times 1944 @ 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
- 1/1.8" CMOS image sensor
- Motorized IR Cut Filter
- Color: 0.01 Lux @f1.2 (AGC On), 0 Lux IR On
- Motorized Lens 2.8 to 12 mm
- Up to 30m IR illumination
- Digital 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 Exit Detection, Object Removal, Object Left Behind, Object Counting)

TVD-5408

TruVision IP Outdoor Dome Camera, H.265/H.264, 5.0MPX, 2.8 to 12 mm motorized lens, DWDR, True D/N, 30 m IR, audio, alarm, BNC, micro SD/SHDC slot, Intelligence, POE

Technical specifications

General		
Technology	IP	
Video standard	NTSC, PAL	
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	1/1.8"	
Max. resolution	5 MP	
Sensor scan	Progressive	
Sensor type	CMOS	
Total Pixels (H x V)	2688 x 1520	
Effective pixels (H x V)	2688 x 1520	
Digital S/N ratio	52 dB (AGC OFF)	
Shutter time	50 Hz: 1/3s to 1/100,000s	
IP Compression/Standard	dH.265/ H.264 / MJPEG	
Maximum Resolution (@ FPS)	2592 x 1944 @ 25 fps	
Maximum Real Time Resolution (@ FPS)	50Hz: 25fps(2592 x 1944, 2560 x 1920, 2048 x 1536) 50fps(1920 x 1080, 1280 x 960, 1280 x 720) 60Hz: 30fps (2592 x 1944, 2560X1920, 2048 x 1536), 60fps(1920 x 1080, 1280 x 960, 1280 x 1080)	
Multiple Character	720)"	
Multiple Streaming	Triple Streams	
Video Bit Rate	128 Kbps to 16 Mbps, adjustable	
Composite Output (BNC)	PAL, 1.0 Vp-p @ 75 ohm	
Lighting performan	ce	
J J. P. T.		
WDR type	Digital WDR	
	Digital WDR 3D DNR	
WDR type		
WDR type Digital noise reduction	3D DNR	
WDR type Digital noise reduction Day/night Motorized IR cut filter	3D DNR True Day/Night	
WDR type Digital noise reduction Day/night Motorized IR cut filter Color sensitivity	3D DNR True Day/Night Yes	
WDR type Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity	3D DNR True Day/Night Yes 0.01 Lux @ (F1.2, AGC ON)	
WDR type Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity Infrared (IR)	3D DNR True Day/Night Yes 0.01 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes	
WDR type Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity Infrared (IR) IR sensitivity	3D DNR True Day/Night Yes 0.01 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR	
WDR type Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity Infrared (IR)	3D DNR True Day/Night Yes 0.01 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes	
WDR type Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity Infrared (IR) IR sensitivity IR range	3D DNR True Day/Night Yes 0.01 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR Up to 30 m	
WDR type 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)	3D DNR True Day/Night Yes 0.01 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR Up to 30 m 850 mm	
WDR type Digital noise reduction Day/night Motorized IR cut filter Color sensitivity B/W sensitivity Infrared (IR) IR sensitivity IR range IR wavelength Highlight compensation	3D DNR True Day/Night Yes 0.01 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR Up to 30 m 850 mm No	
WDR type 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	3D DNR True Day/Night Yes 0.01 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR Up to 30 m 850 mm No	
WDR type 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	3D DNR True Day/Night Yes 0.01 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR Up to 30 m 850 mm No H.264, MJPEG 128kbps to 16Mbps	
WDR type 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 Video bit rate	3D DNR True Day/Night Yes 0.01 Lux @ (F1.2, AGC ON) 0 lux with IR on Yes 0 lux with IR Up to 30 m 850 mm No H.264, MJPEG 128kbps to 16Mbps	

Lens type	Varifocal motorized	
Focal length	2.8 to 12 mm	
Auto iris	Yes	
Auto focus	Yes	
Motorized zoom	Yes	
Control type	DC	
Network		
Integration	CGI, ONVIF, PSIA	
Supported network	802.1x, DDNS, DHCP, DNS, ezDDNS, FTP, HTTF	
protocols	HTTPS, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP	
	SMTP, SNMP, 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	128 GB	
Video intelligence		
Video intelligence Alarm trigger	Motion detection, Privacy Masking, Video	
Alaim trigger	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	12 VDC, 24 VAC	
Power consumption	17 W	
Current consumption	1.420 A @ 12 VDC / 1.010 A @ 24 VAC	
Voltage Input	12VDC / 24VAC / PoE (802.3af / 802.3at with	
Auxiliany Power	heater)	
Auxiliary Power	50mA @12VDC Line level	
Physical		
Physical dimensions	Ø 159.8 x 146 mm (6.29 x 5.75 in.)	
Net weight	2.1 kg (4.62 lbs.)	
Colour	Grey	

Form Factor

Dome

TVD-5408

TruVision IP Outdoor Dome Camera, H.265/H.264, 5.0MPX, 2.8 to 12 mm motorized lens, DWDR, True D/N, 30 m IR, audio, alarm, BNC, micro SD/SHDC slot, Intelligence, POE

Environmental
Vandal proof

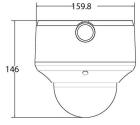
Vandal proof	Yes	
Impact rating	IK10	
Environment	Outdoor	
Operating temperature	e -40 to +60°C with heater on -40 to +140°F with heater on	
Storage temperature	-30 to 60°C (-22 to 140°F)	
IP rating	IP66	
Regulatory		
	CE, FCC, HALT, REACH, RoHS, UL, WEEE	
Regulatory	CE, FCC, HALT, REACH, RoHS, UL, WEEE	
Regulatory Compliancy	CE, FCC, HALT, REACH, RoHS, UL, WEEE Audio in / Mic in (line level)	
Regulatory Compliancy LocalStorage		

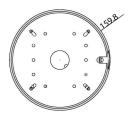
Camera Alarm

Input/Output	1 input / 1 output

Compatible products

Category	Reference	Description
Camera Hous	ing TVD-BS-5C	TruVision Dome Bubble Spare, Clear, for motorized lens domes
Camera Hous	ing TVD-BS-5S	TruVision Dome Bubble Spare, Smoked, for motorized lens domes





Unit: mm

