



TVD-5714

TruVision IP Indoor Dome, 12MP, Super Low Light, 2.8 to 12 mm lens, 30 m IR, PoE (802.3-af)/12 VDC, IK10

Overview

The TruVision Series 7 IP indoor dome cameras with smart event capabilities available in 2, 4, 8 and 12MP resolution deliver high-quality images thanks to their extreme low light sensitivity and enhanced image processing. The rich set of features make these cameras the ideal choice for demanding security, surveillance and monitoring applications.

The cameras support up to 10 configurable video streams which allow users to optimize the camera's remote live view capabilities while controlling the bandwidth usage. The motorized varifocal lens with P-iris technology allows users to remotely adjust the zoom level and focus to get crisp images anytime anywhere. In addition to the compatibility with other TruVision products and 3rd party VMS software, the cameras also support NAS recording or local MicroSD card recording to protect data in the event of network disruptions.

The enhanced embedded video intelligence capabilities go above and beyond standard event detection allowing operators to receive real-time event notifications and reduce the time needed for post-incident investigation.



Details

- Maximum resolution: 4000 x 3000
- H.265, H.264 and MJPEG compression
- 10 independent configurable video streams
- Motorized zoom lens 2.8 to 12 mm with auto-focus
- P-iris
- ONVIF Profiles S, G and T
- Rich video intelligence (VCA)
- Up to 30 m IR illumination
- Edge recording up to 256 GB with optional SD card

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Technical specifications

General

Technology	IP
Estándar de Video	NTSC, PAL
Modos de pantalla	Antiniebla, Estabilización Electrónica de Imagen, Vista del Pasillo, Espejo
Máscaras de privacidad	8 zonas
Salida de video	BNC (on connector terminal block)
Compatibilidad del software	Milestone XProtect, OnGuard, TruVision Navigator, TVRmobile, UltraView, Navegador Web

Cámara

Tamaño del sensor	1/1.7"
Resolución máxima	12 MP
Exploración del sensor	Progresivo
Tipo de Sensor	CMOS
Tiempo del disparador	1 to 1/100,000 s

Rendimiento lumínico

Tipo WDR	WDR digital
WDR	DWDR
Reducción digital de ruido	3D DNR
Día/Noche	Verdadero Día/Noche
Filtro de corte IR motorizado	Si
Sensibilidad de color	Color: 0.008 Lux @ (F1.2, AGC ON), 0 Lux with IR
Activador B/N	Auto/Schedule/Triggered by alarm in
Infrarrojo (IR)	Si
Rango IR	Up to 30 m

Codificación

Flujos de video	10
Compresión del flujo principal	H.264, H.265
Compresión del flujo secundario	H.264, H.265, MJPEG
Compresión del tercer flujo de video	H.264, H.265, MJPEG
Bitrate de video	32 to 16 Mbps
Resoluciones del flujo principal	1280 x 720 (XVGA), 1920 x 1080 (1080p), 2560 x 1440, 3072 x 1728, 3840 x 2160, 4000 x 3000, 4096 x 2160
Resoluciones del flujo secundario	640 x 480 (VGA), 704 x 576 (4CIF)
Compresión del tercer flujo de video	1280 x 960 (720p), 1920 x 1080 (1080p), 640 x 480 (VGA), 704 x 576 (4CIF)
Resolución máx. @ ips	4000 x 3000 @ 20 fps

Lente

Tipo de lente	Motorizado
Distancia focal	2.8 to 12mm, Horizontal FoV 101° to 36.1°, Vertical FoV 72° to 27.2°, Diagonal FoV 130° to 45.2°
Auto iris	Si
Auto focus	Si
Zoom monitorizado	Si

Red

Interfaz de red	Interfaz Ethernet autoadaptable RJ-45 de 10/100 Mbps
Integration	CGI, ISAPI, ONVIF Profile G, ONVIF Profile S, ONVIF Profile T
Protocolos de red soportados	802.1x, Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, Qos, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP

Audio

Compresión de audio	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, MP3, PCM
Entrada de audio	1 line in/mic.in
Salida de audio	1 line out

E/S de alarma

Entradas de alarma	1
Salidas de alarma	1 output (24 VAC/VDC, 1A max)
Conexiones E/S de alarma	Terminal blocks

Almacenamiento

Soporte almacenamiento local	Si
Tipo almacenamiento local	Built-in Micro SD/SDHC/SDXC card slot
Máx. capacidad de almacenamiento	256 GB

Inteligencia de video

Activador de alarma	HDD error, HDD full, Inicio de sesión ilegal, Conflicto de direcciones IP, Red desconectada
ROI	Up to 4 fixed regions for one of 5 the first streams Dynamic region for face tracking
Analíticas de Video	Detección de movimiento avanzada, Detección de excepción de audio, Desenfoque, Detección de rostros, Detección de intrusión, Detección de cruce de línea, Detección de objeto retirado, Detección de entrada en región, Detección de salida de región, Cambio de escenario, Detección de equipaje desatendido

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Eléctrico

Voltaje de funcionamiento	12 VDC is recommended, 10 to 48 VDC, two-core terminal block PoE (802.3af, class 3), reverse polarity protection
Consumo de corriente	12 VDC, 0.6 A, max. 8.0 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.3 A, class 3 With external load connected to camera power output: 12 VDC, 0.8 A, max. 10.5 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.3 A, class 3

Físico

Dimensiones físicas	Φ141 x 123 mm Φ5.5 x 4.8 in.
Peso neto	900 g 1.98 lb.
Color	Gris
Factor de forma	Domo

Medioambiental

Ratio de impacto	IK10
Entorno	Interior
Temperatura de funcionamiento	-30 to +60°C -22 to +140°F
Humedad relativa	<95% noncondensing

Normativa

Cumplimiento	CE, FCC, REACH, RoHS, UL, WEEE
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Encoding

4th to 10th stream compression	H.265, H.264, MJPEG
4th stream resolutions	1920 x 1080 (1080p), 1280 x 720 (XVGA), 704 x 576 (4CIF), 640 x 480 (VGA)
5th stream resolutions	704 x 576 (4CIF), 640 x 480 (VGA)
6th to 10th stream resolutions	1920 x 1080 (1080p), 1280 x 720 (XVGA), 704 x 576 (4CIF), 640 x 480 (VGA)

Storage

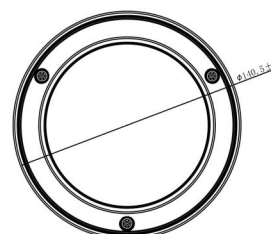
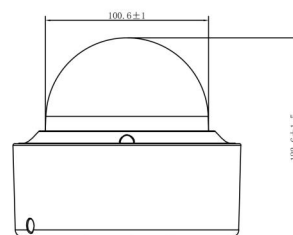
Additional storage options	NAS (NFS,SMB/CIFS)
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Network

Security	Password protection, HTTPS encryption, 802.1x authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.2
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Accessories

TVD-CB8	TruVision cup base for S7 indoor dome camera
TVD-BB3	TruVision indoor dome back box
TVD-BB3A	TruVision indoor dome angled back
TVD-M2-FM	TruVision indoor dome flush mount
TVD-M2-WM	TruVision indoor dome wall mount (mount diameter is 2.5 mm bigger than dome base)
TVD-LWB-2	TruVision L-Shape wall mount bracket
TVD-BS-5S	TruVision indoor dome smoked bubble
TVD-BS-5C	TruVision indoor dome clear bubble



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