TVPA-S01-1201-360-G

TruVision 360° IP camera, 12MP, indoor, 15m IR, 360° fisheye lens

Overview

Ideally suited for a variety of applications, the TruVision 360º network dome cameras provide high-quality image capture that delivers a complete view of indoor or outdoor areas for exceptional security coverage. The 6 and 12MPx indoor and outdoor models are very effective for applications where wide areas need to be covered, such as intersecting corridors, parking garages, counters and warehouses. The cameras can also be used in a wall-mount configuration to capture panoramic scenes. With an IR range of up to 15 m, they can also be used in low-light environments and for 24/7 exterior surveillance. Extra accessories are available for pendant and wall mount installation.



ImmerVision lens

The ImmerVision panomorph lens is superior to traditional panoramic lenses. It beats traditional wide-angle technology in performance and video coverage and allows users to navigate within the panoramic camera image without distortion. Panomorph technology is the most effective way to achieve more coverage, better image quality and compatibility.

Smart retail analytics: Heat map and Intersection analysis

The embedded Heat Map and Intersection Analysis help retail owners to better understand the customer journey. It shows how customers move, how much time they spend in different zones and their in-store behaviour. This valuable data, which can also be exported or emailed periodically, gives an overview of the busiest and least busy times of day allowing retailers to optimize and allocate staff accordingly.

Detalles

- 12 MPx 1/8" progressive scan CMOS
- H.265 compression
- 360-degree ImmerVision panomorph lens
- 180 and 360° panoramic views
- Heat map and Intersection analysis
- Multiple fisheye + ePTZ combined viewing modes
- Up to 15 m IR range
- 2-way audio, built-in mic and speaker
- Built-in SD/SDHC card slot
- Ceiling, wall and desk mount options

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Especificaciones técnicas

General

Tecnología	IP
Estándar de Video	NTSC, PAL
OSD	Superposición de imagen

Cámara

Tamaño del sensor	1/1,8"
Resolución máxima	12 MP
Exploración del sensor	Progresivo
Tipo de Sensor	CMOS
Tiempo del disparador	1 to 1/100,000 s

Rendimiento de iluminación

Tipo WDR	WDR digital
WDR	120 dB
Reducción digital de ruido	3D DNR
Día / Noche	Verdadero Día/Noche
Filtro de corte IR motorizado	Si
Sensibilidad de color	0.01 Lux @ (F1.2, AGC ON),
Sensibilidad B/N	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR
Infrarrojo (IR)	Si
Rango IR	15 m - 3 LEDs, each individually controllable
Longitud de onda del IR	850 nm

Codificar

Compresión del flujo principal	H.264, H.265
Compresión del flujo secundario	H.264, H.265, MJPEG
Bitrate de video	32 to 16 Mbps
Resoluciones del flujo principal	2560 x 2560, 3000 x 3000, 4000 x 3000
Resoluciones del flujo secundario	720 x 720
Resolución máx. @ ips	4000 x 3000 @ 20 fps

Lente

Tipo de lente	Lente panomorfa ImmerVision de 1,29 mm
f-stop	2.2

Red

Interfaz de red	Interfaz Ethernet autoadaptable RJ-45 de 10/100/1000 Mbps
Integración	CGI, ISAPI, ONVIF Profile G, ONVIF Profile S, ONVIF Profile T, PSIA
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, UDP, UPnP

Audio

Compresión de audio	G.711, G.722.1, G.726, MP2L2, PCM
Entrada de audio	Built-in microphone + 1 line in 3.5 mm
Salida de audio	Built-in speaker + 1 line out 3.5 mm
Bitrate de audio	16 to 160 Kbps depending on audio compression type

E/S de alarma

Entradas de alarma	1
Salidas de alarma	1 (max. 24 VDC, 1A)

Almacenamiento

Tipo almacenamiento local	Built-in micro SD/SDHC/SDXC slot
Máx. capacidad de almacenamiento	256 GB

Inteligencia de video

Activador de alarma	Detección de movimiento, Tamper de video
ROI	4 fixed regions for main stream
Analiticas de Video	Detección de excepción de audio, Heat map, Intersection analysis, Detección de intrusión, Detección de cruce de línea, Detección de objeto retirado, People counting, Detección de entrada en región, Detección de salida de región, Detección de equipaje desatendido

Eléctrico

Voltaje de funcionamiento	12 VDC ±20% PoE+ (802.3 at, class 4)
Consumo de corriente	12 VDC, 1 A, max. 15 W PoE + (802.3at, 42.5 to 57 V), 0.3 A to 0.4 A

Físico

Dimensiones físicas	164 x 152.8 x 43.8 mm 6.46 x 6.02 x 1.72 in.
Peso neto	1400 g 3.09 lbs
Color	Gris (Pantone 428c)
Factor de forma	360 grados

Medioambiental

Entorno	Interior
Temperatura de funcionamiento	-40 to +60°C 40 to +140°F
Humedad relativa	≤95% noncondensing

Regulador

Cumplimiento	C-tick, CE, FCC, REACH, RoHS, UL, WEEE

Lens

FoV	Horizontal FoV 180° (wall mount) / 360° (ceiling/table mount)

Network

Simultaneous live view	Up to 20 channels

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Viewing modes

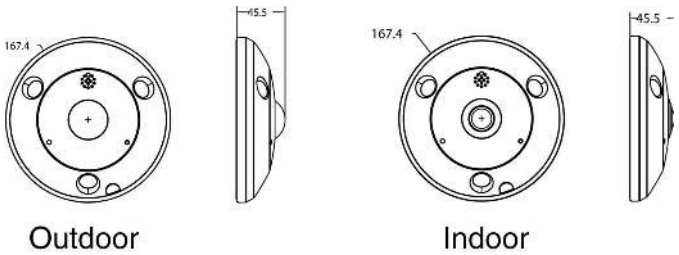
Nbr. of display modes	16
Software decoding	Ceiling mount: fisheye view, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3 PTZ, 360 panorama + 6 PTZ, 360 panorama + 8 PTZ, 2 PTZ, 4 PTZ, fisheye + 3 PTZ, fisheye + 8 PTZ, half sphere
	Wall mount: fisheye view, panorama view, panorama + 3PTZ, panorama + 8 PTZ, 4 PTZ, fisheye + 3 PTZ, fisheye + 8 PTZ
	Table mount: fisheye view, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3 PTZ, 360 panorama + 6 PTZ, 360 panorama + 8 PTZ, 4 PTZ, fisheye + 3 PTZ, fisheye + 8 PTZ
Hardware decoding	Ceiling mount: fisheye view, 180 panorama view, panorama view, 4 PTZ, fisheye + 3 PTZ
	Wall mount: fisheye view, 180 panorama view, panorama view, 4 PTZ, fisheye + 3 PTZ
	Table mount: fisheye view, 180 panorama view, panorama view, 4 PTZ, fisheye + 3 PTZ

Video intelligence

Intersection analysis	Detect and analyze flow in an intersection-like scene, and generate reports. Support one intersection with max. 10 ways.
Heat map	A graphic description of visits (calculated by number of people or dwell time) in a configured area. Space heat map and time heat map line chart can be generated.

Productos compatibles

Categoría	Referencia	Descripción
Soportes y Fijaciones	TVF-BBM	Caja sujección para minidomo TruVision 360º posterior, con guía cables.
Soportes y Fijaciones	TVF-CBM	Base montaje minidomos TruVision 360° (utilizar con montaje suspendido TVD-PPB o TVD-SNB para montaje en pared).
Soportes y Fijaciones	TVF-WBM	Base angular para cámara de 360º TruVision.



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