TVPA-S02-1201-360-G

TruVision 360° IP camera, 12MP, 15m IR, audio, 360° fisheye lens, PoE-af, IK10, IP67

Product overview

Ideally suited for a variety of applications, the TruVision 360º network cameras provide high-quality image capture that delivers a complete view of indoor or outdoor areas for exceptional security coverage. The 6 and 12 MP 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

Embedded intelligence features like Heat Map, Queue Management , People Counting, 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 their staff accordingly.



Dettagli

- 12MP 1/8" progressive scan CMOS
- H.265(+) compression
- 360° ImmerVision panomorph lens
- 180° and 360° panoramic views
- Heat map, Queue mangement, People counting, 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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Specifiche tecniche

Generale

Tecnologia	IP
Standard Video	NTSC, PAL
OSD	Picture Overlay, Text Overlay
Mascheramento della privacy	8 configurable masking zones
Compatibilità Software	Advisor Advanced Pro mobile app., Advisor Management Software (ATS8600), TruVision Navigator, TVRmobile, Web Browser

Telecamera

Dimensioni del sensore	1/1.8"
Risoluzione Max.	12 MP
Scansione del sensore	Progressive
Tipo di sensore	CMOS
Tempo di scatto	1 to 1/100,000 s

Prestazioni di illuminazione

Tipo WDR	Digital WDR
Riduzione dei disturbi digitale	3D DNR
Giorno / notte	True Day/Night
Rimozione del filtro IR motorizzata	Si
Sensibilità del colore	0.03 Lux @ (F2.2, AGC ON)
Sensibilità B/W	0.006 Lux @ (F2.2, AGC ON), 0 Lux with IR on
Infrarosso (IR)	Si
Portata IR	Up to 15 m; 3 LEDs
Lunghezza d'onda IR	850 nm

Codifica

Compressione flusso principale	H.264, H.264+, H.265, H.265+
Compressione flusso secondario	H.264, H.265, MJPEG
Velocità in bit video	32 to 16 Mbps
Risoluzione Max. @ fps	3504 × 3504 @ 25/30 fps

Lente

Tipo obiettivo	ImmerVision panomorph lens
Lunghezza focale	1.29 mm, horizontal FoV 180°, vertical FoV 180°
f-stop	2.2

DORI

Detection	27.9 m
Observation	11.1 m
Recognition	5.6 m
Identification	2.8 m

Rete

Interfaccia di rete	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Integrazione	CGI, ISAPI, ONVIF Profile G, ONVIF Profile S, ONVIF Profile T
Protocolli di rete supportati	802.1x, Bonjour, DDNS, DHCP, DNS, DynDNS, ezDDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, SSL/TLS, TCP/IP, UDP, UPnP

Audio

Compressione audio	AAC, G.711, G.711alaw, G.722.1, G.726, MP2L2, MP3, PCM
Ingresso audio	4 built-in microphones and 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium
Uscita audio	Built-in speaker and 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Audio bit rate	64 Kbps (G.711ulaw/G.711alaw), 16 Kbps (G.722.1), 16 Kbps (G.726), 32 to 192 Kbps (MP2L2), 8 to 320 Kbps (MP3), 16 to 64 Kbps (AAC-LC)

Allarme I/O

Ingresso di allarme	2
Uscita di allarme	2 (max. 24 VDC, 1A)

Memoria

Tipo di archiviazione locale	Built-in micro SD/SDHC/SDXC slot
Capacità Max. di registrazione	Built-in memory card slot, supporting microSD/microSDHC/microSDXC card up to 256 GB

Intelligenza video

ROI	4 regions for each stream
Analisi video	Rilevazione Audio exception, Heat map, Intersection analysis, Intrusion detection, Rilevazione Line crossing, Motion detection, Rilevazione oggetto rimosso, People counting, Rilevazione entrata in regione, Rilevazione uscita da regione, Rilevazione cambio scena, Rilevazione di bagagli incustoditi

Elettrico

Tensione di esercizio	12 VDC ±20% PoE IEEE 802.3af, Class 3
Consumo di energia	12 VDC: 1 A, max. 11.5 W PoE: max. 12.5 W

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Fisico

Dimensioni fisiche	Ø 140.3 × 59.4 mm Ø 5.5 × 2.3 in.
Peso netto	Approx. 715 g Approx. 1.58 lbs
Peso spedizione	Approx. 1206 g Approx. 2.66 lb.
Colore	Grigio (Pantone 428c)
Form Factor	360 gradi

Ambientale

Valutazione impatto	IK10
Ambiente	All'aperto
Temperatura operativa	-40 to +60°C 40 to +140°F
Riscaldatore interno	Sì
Umidità relativa	≤95% noncondensing
IP rating	IP67

Regolatorio

Conformità	C-tick, CE, REACH, RoHS, WEEE

Network

Simultaneous live view	Up to 20 channels

Viewing modes

Nbr. of display modes	20
Software decoding	Fisheye view, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ, 2PTZ, 4PTZ, fisheye + 3PTZ, fisheye + 8PTZ, hemisphere, AR hemisphere, cylinder.
Hardware decoding	Fisheye view, 180 panorama view, 180 dual channel panorama, panorama view, 4PTZ, fisheye + 3PTZ, 4PTZ fusion

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 graphical representation of visits (by calculating amount of people or amount of dwell time) in a configured area. Two report types, space heat map and time heat map line chart are supported.
Queue management	Supports up to 8 detection regions, and independent arming schedule and linkage method. Supports 2 detection modes: regional people queuing-up, waiting time detection. Generates reports to compare the efficiency of different queuing-ups and display the changing status of one queue. Supports real-time data uploading and scheduled data uploading. Regional people queuing-up: 4 alarm trigger conditions, including greater than threshold, less than threshold, equal to threshold, not equal to threshold. Waiting time detection: 1 alarm trigger condition, including greater than threshold.

Encoding

Main stream compression	Fisheye View: 3504 × 3504, 3024 × 3024, 2560 × 2560, 2048 × 2048
	180 Panorama View: 3072 × 2304, 2048 × 1536
	180 Dual Channel Panorama View: 3072 × 1152
	Panorama View: 3072 × 2304, 2048 × 1536
	4PTZ View: camera 01/camera 02/camera 03/camera 04: 1600 × 1200
	Fisheye + 3PTZ View: camera 01: 2560 × 2560, 2048 × 2048, 1280 × 1280 camera 02/camera 03/camera 04: 1600 × 1200
	4PTZ Fusion View: 3200 × 2400, 2048 × 1536
Sub stream compression	Fisheye View: 720 × 720, 480 × 480
	180 Panorama View: 640 × 480, 320 × 240
	180 Dual Channel Panorama View: 640 × 480, 320 × 240
	Panorama View: 640 × 360, 320 × 240
	4PTZ View: camera 01/camera 02/camera 03/camera 04: 640 × 480, 320 × 240
	Fisheye + 3PTZ View: camera 01: 720 × 720 camera 02/camera 03/camera 04: 640 × 480, 320 × 240

Prodotti compatibili

Categoria	Riferimento	Descrizione
Staffe e Supporti	TVPA-BB-01	
Staffe e Supporti	TVPA-CB-01	

In quanto azienda in continua innovazione, Kidde Global Solutions si riserva il diritto di modificare le specifiche del prodotto senza preavviso. Per avere informazioni sempre aggiornate, visita it.firesecurityproducts.com online o contatta il tuo riferimento commerciale.

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