TVF-5203

TruVision 360° IP Dome, 6 MPx, outdoor, 15m IR, 360° fisheye lens

Overview

Ideally suited for a variety of applications including retail, commercial, law enforcement and education environments, the TruVision 360° network dome cameras provides 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 in areas where a wide area needs 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 mounting accessories are available for pendant mount and wall mount installation.

360 degrees lens

The 360 degrees lens combined with infrared illumination, good low light and wide dynamic range performance provides superior panoramic images. It allows users to navigate within the camera image with minimal distortion and capture every important detail.

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, gives an overview of the busiest and least busy times of day allowing retailers to optimize and allocate staff accordingly.

Details

- 6 MPx 1/8" progressive scan CMOS
- 360 degrees 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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Technical specifications

General

Technology	IP
Video standard	NTSC, PAL
OSD	Picture Overlay

Camera

Sensor size	1/1.8"
Max. resolution	6 MP
Sensor scan	Progressive
Sensor type	CMOS
Shutter time	1 to 1/100,000 s

Lighting performance

WDR type	Digital WDR
WDR	120 dB
Digital noise reduction	3D DNR
Day / night	True Day/Night
Motorized IR cut filter	Yes
Color sensitivity	0.01 Lux @ (F1.2, AGC ON),
B/W sensitivity	0.001 Lux @ (F1.2, AGC ON), 0 Lux with IR
Infrared (IR)	Yes
IR range	15 m - 3 LEDs, each individually controllable
IR wavelength	850 nm

Encoding

Main stream compression	H.264, H.265
Sub stream compression	H.264, H.265, MJPEG
Video bit rate	32 to 16 Mbps
Main stream resolutions	1280 x 1280, 2048 x 2048, 3072 x 2048
Sub stream resolutions	720 x 720
Max. resolution @ fps	3072 x 2048 @ 25/30 fps

Lens

Lens type	1.29 mm ImmerVision panomorph lens
f-stop	2.2

Network

Network interface	RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Integration	CGI, ISAPI, ONVIF Profile G, ONVIF Profile S, ONVIF Profile T, PSIA
Supported network protocols	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

Audio compression	G.711, G.722.1, G.726, MP2L2, PCM
Audio in	Built-in microphone + 1 line in 3.5 mm
Audio out	Built-in speaker + 1 line out 3.5 mm
Audio bit rate	16 to 160 Kbps depending on audio compression type

Alarm I/O

Alarm inputs	1
Alarm outputs	1 (max. 24 VDC, 1A)

Storage

Local storage type	Built-in micro SD/SDHC/SDXC slot
Max. SD card capacity	256 GB

Video intelligence

Alarm trigger	Motion detection, Video tampering
ROI	4 fixed regions for main stream
Smart event	Audio exception detection, Heat map, Intersection analysis, Intrusion detection, Line crossing detection, Object removal detection, People counting, Region entrance detection, Region exiting detection, Unattended baggage detection

Electrical

Operating voltage	12 VDC ±20% PoE+ (802.3 at, class 4)
Power consumption	12 VDC, 1 A, max. 15 W PoE + (802.3at, 42.5 to 57 V), 0.3 A to 0.4 A

Physical

Physical dimensions	164 x 152.8 x 43.8 mm 6.46 x 6.02 x 1.72 in.
Net weight	1400 g 3.09 lbs
Colour	Grey (Pantone 428c)
Form Factor	360 Degrees

Environmental

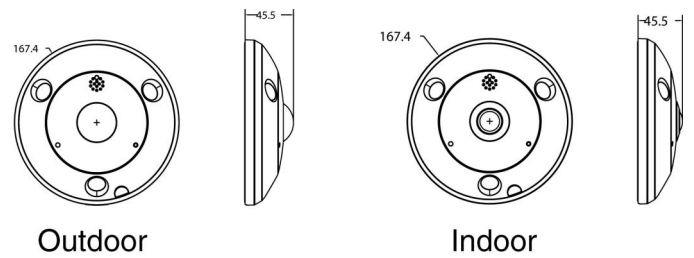|	
Impact rating	IK10
Environment	Outdoor
Operating temperature	-40 to +60°C 40 to +140°F
Relative humidity	≤95% noncondensing
IP rating	IP67

Regulatory

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

Compatible products

Category	Reference	Description
Brackets & Mounts	TVF-BBM	TruVision™ 360° Camera Round Back Box, Conduit Ports, Gang Box Compatible, Metal, Indoor & Outdoor
Brackets & Mounts	TVF-CBM	TruVision™ 360° Camera Cup Base (use with TVD-PPB for pendant mount or TVD-SNB for wall mount)
Brackets & Mounts	TVF-WBM	TruVision™ 360° Camera Round Angled Back Box, Conduit Ports, Gang Box Compatible, Metal, Indoor & Outdoor

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167.4 · 45.5

Outdoor

167.4 · 45.5

Indoor