truVision

IP Dual Lens People Counting Camera

H.265 COMPRESSION **H.264** COMPRESSION **PROGRESSIVE SCAN** **IP67** Works with **TruVision® Navigator**

Overview

The TruVision people counting cameras are dual lens cameras that count people with high accuracy. The cameras use binocular stereo vision in combination with 3D people detection and deep learning algorithms.

The people counting data is stored in an internal memory and it can be reported in real time to TruVision Navigator (9.0SP2 or higher).

The camera webpage contains several reporting options via direct export or email.

Installation

As a general guideline, one camera should monitor one entrance. The camera is mounted on the ceiling and looks 90° downwards. The mounting height can be between 2.1 and 6 m. The camera has a fixed 2 mm lens and produces a color image (2MP). This results in a counting zone width between 1.02 (at 2.1 m camera height) and 8.16 m (at 6 m camera height).

However, the camera cannot be used for surveillance applications due to its specific installation position: it can only monitor the passage way, and not an entire room or a larger space.

Integrated solution

The camera can report the counting data in real time to TruVision Navigator (9.0SP2 or higher). TruVision Navigator can calculate the onsite occupancy of multiple cameras and show the real-time result in a video tile, on a map or on a webpage (via LAN).

Stand-alone solution

In a standalone operation, the camera will count the number of people that go in/out. When needed, a value can be set for the maximum permitted number of people that can be on site. The camera can report the counted number of people per day/week/month/year. The report can be exported. It is also possible to send reports by email in various formats (Excel, CSV, text or XML).

Standard Features

- Resolution 1920 x 1080
- H.265 and/or H.264 compression
- Dual lens, 2 mm fixed
- IR up to 6 m
- ONVIF compliant
- Internal eMMC memory for counting data

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Specifications

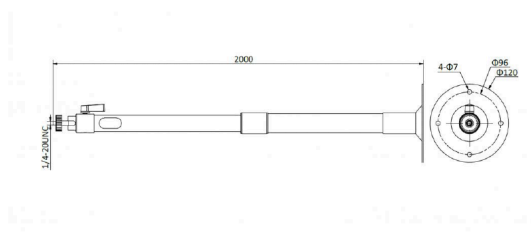|		
General	Technology	IP
	Video Standard	PAL
	Image settings	ROI (Region Of Interest)
	Software Compatibililty	TruVision Navigator, Web Browser
Camera	Sensor Size	1/2.7"
	Max. resolution	2 MP
	Sensor scan	Progressive
	Shutter type	CMOS
	Shutter time	1/25 s to 1/100,000 s
Lighting performance	WDR type	Digital WDR
	Digital noise reducation	3D DNR
	Colour sensitivity	0.005 Lux @ (F1.2, AGC ON), 0.0176 Lux @ (F2.25, AGC ON)
	B/W sensitivity	0.001 Lux @ (F1.2, AGC ON), 0.0035 Lux @ (F2.2.5, AGC ON)
	Infrared (IR)	Yes
	IR range	up to 6 m
	IR wavelength	850 nm
Encoding	Video streams	2
	Main stream compression	H.264, H.265
	Sub stream compression	H.264, H.265
	Main stream resolutions	1280 x 720 (XVGA), 1920 x 1080 (1080p)
	Sub stream resolutions	640 x 480 (VGA), 704 x 576 (4CIF)
	Max. resolutions @ fps	1920 x 1080 @ 25fps
Lens	Lens type	Fixed
	Focal length	2 mm
	f-Stop	F 2.25
Network	Network interface	RJ-45 10/100 Mbps self-adaptive Ethernet interface
	Integration	ISAPI, ONVIF
	Supported network protocols	Bonjour, DDNS, DHCP, DNS, ezDDNS, FTP, HTTP, HTTPS, ICMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, UPnP
Audio	Audio compression	G.711, G.722.1, G.726, MP2L2, PCM
	Audio in	1 built-in mic, 1 input (line in, two-core terminal block)
	Audio out	1 output (two-core terminal block)
Alarm I/O	Alarm inputs	1
	Alarm outputs	1
	Alarm I/O connection	terminal block
Storage	Local storage type	Build in eMMC memory
Video Intelligence	Alarm trigger	HDD error, HDD full, Invalid login, IP address conflict, Network disconnected
	Video analytics	People counting
Electrical	Operating voltage	12 VDC ± 20%, terminal block / PoE+ (IEEE 802.3af, class 3)
	Power consumption	max. 8 W @ 12 VDC max. 8.3 W @ PoE (36 to 57 VDC)
	Current consumption	0.66 A @ 12 VDC 0.23 A to 0.14 A @ PoE
Physical	Physical dimensions	168 x 61 x 41 mm 6.6 x 2.4 x 1.6 in.
	Net weight	435 g 1 lb.
	Colour	White

Enviromental	Environment	Outdoor
	Operating temperature	-30 to +45°C -22 to +113 °F
	Relative humidty	<95% non-condensing
	IP rating	IP67
Regulatory	Compliance	CE, FCC, RCM, REACH, RoHS, WEEE

TruVision adjustable ceiling mount bracket (120 - 200 cm)

The TruVision TVC-C200 ceiling mount bracket allows box cameras and people count cameras to be installed on a ceiling.

• Extendable length between 120 cm and 200 cm
• Aluminium allow material with surface spray treatment.

General	Bracket type	Camera
	Bracket mounting part	Mounting bracket
	Mount type	Ceiling mount
Physical	Physical dimensions	2000 x 120 mm (W x D)
	Net weiight	1035 g (2.28 lb)
	Colour	White
	Material	Aluminium

Ordering Information

TVS-PC1	TruVision IP Dual Lens People Counting Camera, Outdoor, 2 MP, 2 mm, IP67
TVC-C200	TruVision adjustable ceiling mount bracket (120 - 200 cm)

ARITECH

TVS-PC1-DS-20201006