

TVS-PC2

TruVision IP Dobbelt Lense, Persontæller kamera, Indendørs, 2 MP, 2 mm lense,

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. There is both an indoor (TVS-PC2) and an outdoor model (TVS-PC1) available.

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) or to the SDK.

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).

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 on-site 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).

Applications

The solution can be used for health & safety purposes: real time information about the number of visitors on site in line with social distancing rules during a pandemic situation or to know in real time how many people are on site in case of an evacuation



Detaljer

- 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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Tekniske specifikationer

Generelt

Teknologi	IP
Videostandard	PAL
Image settings	ROI (Region Of Interest)
Softwarekompatibilitet	TruVision Navigator, Web Browser

Kamera

Sensorstørrelse	1/2.7"
Maks. opløsning	2 MP
Sensorscanning	Progressive
Sensortype	CMOS
Lukketid	1/25 s to 1/100,000 s

Belysningsydeevne

WDR-type	Digital WDR
Digital støjreduktion	3D DNR
Farvesensitivitet	0.005 Lux @ (F1.2, AGC ON), 0.0176 Lux @ (F2.25, AGC ON)
S / H-følsomhed	0.001 Lux @ (F1.2, AGC ON), 0.0035 Lux @ (F2.2.5, AGC ON)
Infrarød (IR)	Ja
IR-rækkevidde	Up to 6 m
IR-bølgelængde	850 nm

Indkodning

Video streams	2
Hovedstrømskomprimering	H.264, H.265
Understrømskomprimering	H.264, H.265
Hovedstrømsopløsninger	1280 x 720 (XVGA), 1920 x 1080 (1080p)
Understrømsopløsninger	640 x 480 (VGA), 704 x 576 (4CIF)
Maks. opløsning @ fps	1920 x 1080 @ 25fps

Linse

Objektivtype	Fast
Brændvidde	2 mm
f-stop	F 2.25

Netværk

Netværksgrænseflade	RJ-45 10/100 Mbps self-adaptive Ethernet interface
Integration	ISAPI, ONVIF
Understøttede netværksprotokoller	Bonjour, DDNS, DHCP, DNS, ezDDNS, FTP, HTTP, HTTPS, ICMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, UPnP

Audio

Lydkomprimering	G.711, G.722.1, G.726, MP2L2, PCM
Lyd ind	1 built-in mic, 1 input (line in, two-core terminal block)
Audio ud	1 output (two-core terminal block)

Alarm I/O

Alarmindgange	1
Alarmuitgangen	1
Alarm I / O-forbindelse	terminal block

Opbevaring

Lokal opbevaringstype	Build in eMMC memory
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Video-intelligens

Alarmtrigger	HDD error, HDD full, Invalid login, IP address conflict, Network disconnected
Smart event	People counting

Elektrisk

Driftsspænding	12 VDC \pm 20%, terminal block / PoE+ (IEEE 802.3af, class 3)
Strømforbrug	max. 8 W @ 12 VDC max. 8.3 W @ PoE (36 to 57 VDC)
Nuværende forbrug	0.66 A @ 12 VDC 0.23 A to 0.14 A @ PoE

Fysisk

Fysiske dimensioner	168 x 61 x 36 mm 6.6 x 2.4 x 1.4 in.
Nettovægt	435 g 1 lb.
Farve	Hvid

Miljø

Miljø	Indendør
Driftstemperatur	-30 to +45°C -22 to +113 °F
Relativ luftfugtighed	<95% (non-condensing)

Regulerende

Overholdelse	CE, FCC, RCM, REACH, RoHS, WEEE
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