

IP Dual Lens People Counting Camera



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

IP Dual Lens People Counting Camera

Interlogix Australia
National Sales Enquiries
1300 361 479

10 Ferntree Place
Notting Hill, Victoria 3168
T: +61 3 9239 1200
W: www.interlogix.com.au

Specifications

| | | |
|----------------------|-----------------------------|--|
| General | Technology | IP |
| | Video Standard | PAL |
| | Image settings | ROI (Region Of Interest) |
| | Software Compatibility | TruVision Navigator, Web Browser |
| Camera | Sensor Size | 1/2.7" |
| | Max. resolution | 2 MP |
| | Sensor scan | Progressive |
| | Shutter type | CMOS |
| Lighting performance | Shutter time | 1/25 s to 1/100,000 s |
| | WDR type | Digital WDR |
| | Digital noise reduction | 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 |
| Encoding | IR wavelength | 850 nm |
| | 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) |
| Lens | Sub stream resolutions | 640 x 480 (VGA), 704 x 576 (4CIF) |
| | Max. resolutions @ fps | 1920 x 1080 @ 25fps |
| | Lens type | Fixed |
| Network | Focal length | 2 mm |
| | f-Stop | F 2.25 |
| | Network interface | RJ-45 10/100 Mbps self-adaptive Ethernet interface |
| Audio | 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 compression | G.711, G.722.1, G.726, MP2L2, PCM |
| Alarm I/O | Audio in | 1 built-in mic, 1 input (line in, two-core terminal block) |
| | Audio out | 1 output (two-core terminal block) |
| Storage | Alarm inputs | 1 |
| | Alarm outputs | 1 |
| Video Intelligence | Alarm I/O connection | terminal block |
| | Local storage type | Build in eMMC memory |
| Electrical | Alarm trigger | HDD error, HDD full, Invalid login, IP address conflict, Network disconnected |
| | Video analytics | People counting |
| Physical | Operating voltage | 12 VDC \pm 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 |

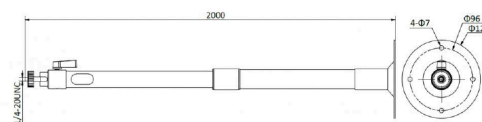
| | | |
|---------------|-----------------------|---------------------------------|
| Environmental | Environment | Outdoor |
| | Operating temperature | -30 to +45°C -22 to +113 °F |
| | Relative humidity | <95% non-condensing |
| | IP rating | IP67 |
| Regulatory | Compliance | CE, FCC, RCM, REACH, 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 alloy 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 weight | 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) |