



Vitracom VC-3D Pro

People counting, service zones and customer journey

Advantages of the VC-3D Sensor

- Large evaluation range, installation height from 2.20 m to 6.00 m
- Highest counting accuracy, robust against light influences
- Multiple counting lines and zones freely configurable
- Multi-sensor fusion for big areas evaluation
- No multiple counting of reversing persons
- Data protection is guaranteed - Privacy-by-design
- Integrated IMU sensor
- Real-time transmission of counts and detections
- Ceiling installation and surface mounting possible without accessories
- Other options and licenses

The Vitracom VC-3D sensor qualifies itself by a very high counting accuracy and is characterized by its wide range of applications.

The counting takes place bi-directional and can also be done from an inclined perspective. Up to ten counting lines and service zones can be evaluated. In addition, powerful functions for capturing customer flows are available.

With the optional use of Wi-Fi and Bluetooth, the VC-3D sensor offers flexible ways to transfer data or connect to other systems.

Technical data

| Category | Description |
|-------------------------------|--|
| Energy supply | 48 Vdc Power-over-Ethernet (IEEE 802.3af) |
| Power consumption | 8 W in normal operation, up to 12.5W |
| Projector | Infrared Laser Projector (Laser Class 1) |
| Temperature | Indoor only, +10 to max. +45°C |
| Installation height | 2,20 m to 6,00 m |
| Coverage | up to 10 m x 7 m |
| Dimensions (diameter/height)) | 167 x 45 mm |
| Housing | Plastic + Aluminum |
| Class | IP 20 |
| Weight | 830 g |

Interfaces

| | |
|------------------|--|
| Ethernet | 100/1000BaseT, PoE, RJ45 |
| USB port | 2 x USB2 ports |
| Wifi + Bluetooth | Wifi b g n (option via USB Stick) |
| Software | MQTT, Vitracom Push HTTP, Crosscan Connect, Vemco (on request) |

Delivery

Ethernet patch cable 0.5 m flat/flexible
Mounting screws + plugs

License modules

Licenses

Counting of persons with up to 30 counting lines (suppress u-turns, all counts; Children + Adult counts)
Service zones with up to 30 freely definable zones (Number of people + dwell time)
Real-time recording of people flows, e.g. for heat mapping evaluations
Multisensor Fusion of up to 9 sensors without additional hardware on site
Option: Counting of shopping groups and person groups
Option: Staff Exclusion (visible badges necessary)
Option: Occupancy Display System (building/room level) in real time, MQTT API + accessories
Option: Shopping cart suppression and counting
Option: Central device management for resellers (device management API)
Option: Video recording motion-based (max:4h), one-time password, encrypted