kerberos



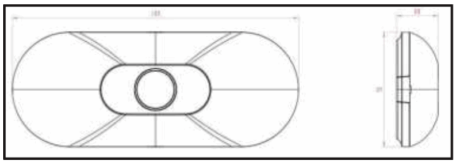
# KET-CPA-200

## PoE People Counting Camera

**• Wider field angle to obtain longer-distance depth maps and cover a larger area**
**• Working well even in low-light or completely dark environments with great lighting adaptability**
**• Smart U-turn counting to filter redundant counting of people wandering in the area**
**• GDPR compliant**

Applications

Building management system



LE SPECIFICHE TECNICHE E LE IMMAGINI RIPORTATE IN QUESTA SCHEDA TECNICA SONO SOGGETTE A VARIAZIONI E AGGIORNAMENTI

The **KET-CPA-200** is a sensor that uses the second generation **ToF** (Time of Flight) technology to accurately count people. This technology provides more accurate depth maps and longer detection distances, while maintaining excellent **privacy protection**. The advanced ToF technology, combined with an AI algorithm, enables the sensor to handle complex scenes and distinguish non-human objects with **up to 99.8% accuracy**. In fact, the sensor is GDPR compliant. It only obtains in-depth images without involving personally identifiable information based on ToF technology, which protects at source.
The **PoE** power, it enables easy Ethernet connectivity. With easy installation, it is ideal for entrances or corridors of retail shops, shopping centres, offices, subways and other locations. Equipped with 4 GB flash memory to store one million count data locally and securely.

Technical Features

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|---|---|
| General specifications | **Protection Range**: IP40<br>**Operative Temperature**: -20 ÷ +50 °C<br>**Relative Humidity**: MAX 95% not condensing |
| Case | **Dimensions**: 180 x 26 x 72 mm (W x H x D)<br>**Mounting**: Ceiling Mounting, < 3.5 m |
| Power supply | **Supply Voltage**: 802.3at PoE<br>**Consumption**: Typical 9.4 W, max 23.8 W |
| Datalogger function | **Memory Type**: Flash 4 GB<br>**Data Storage Capacity**: One million data |
| Rs485 interface | **Channels**: 1<br>**Supported Protocols**: ModBUS RTU<br>**Connectors types**: Screw terminal |
| Ethernet interface | **Supported Protocols**: HTTP, MQTT, NTP<br>**Communication Rate**: 10/100 Mbps (PoE PD)<br>**Connectors types**: 1 RJ45 |
| People counting | **Operating modes**: ToF (Time of Flight)<br>**Field of view**: 98° horizontal, 80° verticali<br>**Light beam**: 940 nm (invisible)<br>**Accuracy**: <3.5 cm<br>**Measurand**: 0.5 ÷ 3.5 m<br>**Recognition rate**: Up to 99.8%<br>**Special Functions**: Customized multiple counting lines, filter U-turns, bi-directional counting, children/adults differentiation, staff detection |