People Counter Sensor

CODE: HK-PPCO

The Intelligent Bi-Directional People Counting Sensor integrates advanced sensing technologies and backend monitoring capabilities to accurately track people entering and exiting designated areas. It is designed to address key requirements such as privacy protection, environmental adaptability, and robust data management, making it ideal for high-traffic environments like restrooms, building entrances, and public facilities.

FUNCTIONALITY

Tracks number of entries and exits, ideal for restroom usage monitoring

COUNTING DIRECTION

Bi-directional (entry/exit)

DEPTH MAP RESOLUTION

120 × 90 pixels

BLUETOOTH OPERATING FREQUENCY

2.402 GHz to 2.480 GHz

VCSEL WAVELENGTH

850 nm

DIMENSIONS

39 × 39 × 69 mm

DETECTION TECHNOLOGY

Video analytics with 3D machine vision and trajectory tracking algorithms

Detection Method: ITOF-based area array 3D camera module

Detection Range: 0.6 - 5 meters

Accuracy: ≤1.5% or ±1.5cm

FIELD OF VIEW

- Maximum:
  57.5° (Horizontal) × 44.7° (Vertical)
- Effective:
  52° (Horizontal) × 36° (Vertical)

FRAME RATE

Depth Map Output: 5fps / 10fps / 15fps (default: 15fps)

Optional:
Depth and Amplitude Data Output

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