Airia™

Spaces redefined

The 3D sensor you have been asking for

The most versatile solution for people counting

The AIRIA People Counting Sensor is an easy-to-integrate solution for applications in people counting and dwell-time measurement. The sensor's functionality is based on proven algorithms and the stereo-vision principle and can also be used as part of multi-sensor tracking for seamless data collection on large areas.

The sensor configuration is easily done via an intuitive web interface and thanks to its versatile interfaces, the sensor can be easily connected to higher-level systems, such as our cloud-based retail analytics software, where it enables a more detailed evaluation of customer and visitor statistics.

Numerous other features – particularly for use in the retail sector or for managing visitor areas – make the sensor an essential tool when it comes to analysing flows of people. Thanks to the high level of data accuracy, key figures such as sales and conversion rates can be reliably obtained.

Furthermore, the sensor can be used in conjunction with an additional mounting set to determine the number of passers-by and the length of time people spend in front of a shop window. Combined with the visitor counting in the entrance area, the capture (turn-in) rate can be evaluated as well. All the data collected for the analysis is transmitted in real time to our retail analytics platform.

Technical Data

Category	Description
Power supply	Power over Ethernet (IEEE 802.3af)
Power consumption	max. 5 W
Operating temperature	0°C to + 40°C
Installation heights	Low Version: 2.20 m to 4.50 m Mid Version: 2.50 m to 6.00 m
Detection range	max. 8.54 m x 5.25 m (depending on mounting height)
Tilt angle	max. +/- 15°
Configuration	Password protected Web-GUI; automatic calibration Individual Pre-Configuration possible
Dimensions (LxWxH)	132 x 91 x 35mm
Housing	Plastics (white; according to RAL 9010), Aluminium
Protection class	IP 40
Weight	350 g
Interfaces	Ethernet (1000MBit), IPv4, HTTP, HTTPS, 802.1x, DNS, DHCP, NTP, Onvif (device discovery), FTP
Security functions	Privacy Mode, User management

Features & Benefits

· Precise people counting with a rate of accuracy > 98%
· Separate counting of children and adults
· Group counting
· Counting lines and detection zones freely configurable
· Multi-sensor fusion for large-area-evaluations
· Anonymous data transmission according to EU-GDPR
· Real-time data transmission
· Validation of counting accuracy

Easy installation and commissioning

· Suitable for low mounting heights from 2.20 m
· Automatic calibration of the mounting height
· Remote management
· Mounting kits for flush-mounting or shop windows

CONTACT

Get in touch with us for more information.

Scan the QR-Code or just send us an email:
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