Hella Aglaia

ADVANCED PEOPLE SENSOR

APS-180E

The benchmark for 3D people sensing
Monitored area up to 64 m2 (690 sq ft)

EASY INSTALLATION AND CONFIGURATION

+ Accessories for simple surface, flush or wall mount
+ Suitable for any lighting condition
+ Automatic detection of installation height
+ Local product installation / remote configuration

MAXIMUM ACCURACY IN ALL APPLICATIONS

+ Monitored area up to 64 m² (690 sq ft) / up to 10 counting lines
+ Coverage of multiple counting points with a single device
+ Accuracy of at least 98% even in crowded areas

OBJECT CLASSIFICATION

+ Separate counting results for adults and children
+ Classification of non-human objects such as shopping carts
+ Suppression of false counts due to non-person objects

ZONE MONITORING

+ Up to 8 individual zones of polygonal shape
+ Fill level, dwell time and waiting time per zone
+ Suitable for automatic queue and cash register management

WIRELESS SERVICES

+ Bluetooth and Wi-Fi device scanning
+ Wireless access to the web-based configuration tool
+ Wireless data transmission

RELIABLE DATA

+ Synchronous recording of video and motion data
+ Proprietary software to view video and motion data
+ Offline verification of counting accuracy and behavioral data

TECHNICAL DATA

Operating Voltage	Power-over-Ethernet (PD class 0) 24V DC (IO-version)
Power consumption	< 8W
Operating temperature	-25°C ... +70°C (-13°F ... 158°F)
Storage temperature	-40°C ... +85°C (-40°F ... +185°F)
Ingress protection	IP40 (DIN IEC 60529)
Ceiling height	3.00 m ... 6.00 m (10 ft ... 20 ft)
Monitored area	Up to 8 m x 8 m (26 ft x 26 ft) (depends on ceiling height)
Dimensions	237 mm x 99 mm x 37 mm (9.3 in x 3.9 in x 1.5 in)
Weight	600 g (21 oz)
Housing	Aluminum
Required illuminance	3 Lux
EMC	CE, FCC, EAC
Reliability	MTBF 500,000 h Useful life > 10 years

INTERFACES

Ethernet	1000BaseT, PoE, RJ45 socket
Communication protocols	SOAP/XML, HTTP, FTP, REST other IP-based services and custom protocols possible
USB port	USB 2.0, type host
Digital inputs / outputs	3 inputs / 3 outputs (IO-version)
Setup / service	Integrated web interface
On-board data storage	8 GB