Hella Aglaia

ADVANCED PEOPLE SENSOR

APS-180E

TECHNICAL DATA

Operating Voltage	Power-over-Ethernet (PD class 0) or 24 V DC (IO-version)
Power consumption	< 8 W
Operating temperature	–25 °C to + 70 °C (–13 °F to 158 °F)
Storage temperature	–40 °C to +85 °C (–40 °F to +185 °F)
Ingress protection	IP40 (DIN IEC 60529)
Installation height	**Standard mode:** 3.00 m to 6.00 m (9.8 ft to 19.7 ft) **Extended mode:** up to 9.00 m (up to 29.5 ft)
Monitored area	Up to 64 m²/ 8 m x 8 m (690 sq ft / 26 ft x 26 ft) depends on installation 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, Google Pub / Sub, IBM Watson, 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

EASY INSTALLATION AND CONFIGURATION
- 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) with a single device
- Up to 568 m² (6114 sq ft) when using the optional sensor fusion solution
- Up to 10 individual counting lines are possible per device
- Accuracy of at least 99 % even in crowded areas

OBJECT CLASSIFICATION
- Separate counting results for adults and children
- Classification of shopping carts
- Detection of shopping groups
- Elimination of false positives caused by 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
- Detection and exclusion of U-turns

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

RELIABLE DATA
- Simultaneous recording of video and motion data
- Tailored software application to view video and motion data
- Offline verification of counting accuracy and customer behavior

ACCESSORIES

Generic mounting kits for simple surface, flush or wall mount and WiFi and Bluetooth adapter are available

SETUP AND SERVICE

- ✓ Secured by multilevel user and rights management
- ✓ Customizable WebGUI (logo, colors)
- ✓ Automatice detection of installation height and tilt angles
- ✓ Remote maintenance and updates
- ✓ GDPR - Data protection by design and default ensured