



People Counter APC-180 Because it redefines performance!

The HELLA People Counter defines a new level of precision in electronic people counting. Even under difficult conditions it achieves maximum counting accuracy. Unfavorable, variable lighting or shadows do not affect the counting accuracy. The counter's exceptional quality is a direct result of HELLA's unique expertise in image processing and 3D camera technology. The APC-180 was specifically designed for use in buildings and similar environments in addition to offering an excellent price-performance ratio.

Your advantages:

- Interface to raw object data
 - Greater value by delivering granular people data in real-time such as position, dwell time and speed for customer applications
- Network solution allowing remote setup, operation and support
 - Designed for dispersed deployment and centralized data management
- Counting people's entry and exit on a definable counting line (polygon)
 - Detect people who enter and immediately turnaround to avoid false counts and increase accuracy by tracking
- Counting actual fill level in four definable areas
 - Variable position of area - e. g. inside a security gate
- Video streaming and recording (both optional, because of data protection)
 - Remote view or demonstration for customer acceptance
- User friendly setup within camera views (local or remote)
 - Simply place your counting lines and areas in live views inside your web browser



The APC-180 shown with hood for surface mount



The APC-180 for outdoor application (available on request)

Technical Specifications



TECHNICAL DATA	APC-180	APC-180-IO
Operating nominal voltage		
Power-over-Ethernet (IEEE 802.3af, PD class 0)	36 .. 57 V DC	36 .. 57 V DC
External power supply (alternative to PoE)	–	24 V DC
Power consumption (PD class 0)	4 W (additional 2.5 W using USB port)	4 W (additional 2.5 W using USB port)
EMC	Directive 2004/108/EC, 2004-12-15 (EN 55022: 2010; EN55024: 2010) FCC 47 CFR Part 15B	Directive 2004/108/EC, 2004-12-15 (EN 55022: 2010; EN55024: 2010) FCC 47 CFR Part 15B
Operating temperature	-25 °C to +70 °C	-25 °C to +70 °C
Storage temperature	-40 °C to +85 °C	-40 °C to +85 °C
Installation height	2.50 m to 6.00 m	2.50 m to 6.00 m
Monitored area	8 m x 8 m	8 m x 8 m
Dimensions (L x W x H)	237 mm x 99 mm x 37 mm	237 mm x 99 mm x 37 mm
Housing with cover	Aluminum	Aluminum
Degree of protection	IP 40	IP 40
Weight	600 g	630 g
Illuminance (at least)	30 Lux	30 Lux
INTERFACES	APC-180	APC-180-IO
Ethernet	100BaseT, PoE, RJ45	100BaseT, PoE, RJ45
Logical protocol	SOAP/XML, Message API, IBIS, SNMP and data recording upload via FTP/SFTP	SOAP/XML, Message API, IBIS, SNMP and data recording upload via FTP/SFTP
USB port	USB 1.1, type host	USB 1.1, type host
Switching input / output	–	3 / 3 Configurable functionality
Serial port	–	2-wire RS485
ACCESSORIES	APC-180	APC-180-IO
Hood for surface mounting	(available separately)	(available separately)
Installation kit for flush mounting	(available separately)	(available separately)
20-pin plug-in connector for multi I/O port	–	(included)