



People Sensor APC-ECO-RS485

Minimal costs – Maximum precision. Without fail.

The People Counter APC-ECO defines a new level of precision in electronic people sensing, with a counting accuracy of close to 100% – even under difficult conditions. The counter's outstanding quality is anchored in HELLA Aglaia unique expertise in image processing and 3D-camera technology.

The People Counter APC-ECO detects without fail the number of passengers entering and exiting a public transit vehicle, as well as the number of persons currently present within a defined area. The device is primarily designed for buses and trams, but may be used in a wide range of application.

YOUR ADVANTAGES:

- Bi-directional counting on a definable line (polygon)
 - Variable position of counting lines
 - Adaptation to on-site requirements
- Detection of U-turns
 - No double counting
- Door masking
 - Automatic compensation for interference from swinging and sliding doors
- Video streaming and recording
 - Real-time video streaming or recording of video files on external storage media
 - Start and stop function via switching input (door contact)
 - No interference with other functions
- User-friendly installation
 - Just a single component, no extra controllers
 - Off-the-shelf standard connectors
 - Flexible positioning and tilt options facilitate retrofits
- Simple startup and maintenance
 - Fast project success guaranteed - no calibration or custom software required

TECHNICAL DATA

Operating nominal voltage	24 V DC
Operating voltage range	9 to 32 V DC
Power consumption	approx. 4 W
Operating temperature	-25°C to +70°C
Storage temperature	-40°C to +85°C
Ingress protection	IP20 (DIN IEC 60529)
Ceiling height	2.00 m to 2.75 m
Monitored area	1.90 m to 3.20 m width (depending on installation height)
Dimensions	141.4 x 71.5 x 31 mm
Weight	350g
Housing	Ruggedized aluminium housing
EMC	ECE type certification (E1) CE, FCC
Reliability	MTBF 500,000 h

INTERFACES

Ethernet	100 MBit/s, RJ45 socket
Serial port	2-wire RS485
Inputs	1 digital input (door contact)
Communication protocols	IBIS-over-IP (similar to VDV-300) IBIS-over-RS485 (similar to VDV-300) SOAP/XML Push Service Customer-specific protocols
Setup/service	Integrated web interface