



People Sensor APC-R-RS485 Faster project success. Guaranteed!

The People Counter APC-R defines a new level of precision in electronic people counting, with a counting accuracy of close to 100% - even under difficult conditions. The People Counter APC-R reliably detects the number of people currently present, and those entering or leaving an area e. g. public transport vehicles, buildings or event locations. It fulfills the specific requirements in the rail industry and meets all required standards. The counter's exceptional quality is a direct result of HELLA's unique expertise in image processing and 3D-camera technology.

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 area surveillance
 - Object detection within a user-defined area
 - Static objects (e. g. handrails, steps) do not disrupt monitoring
- Door masking
 - Automatic compensation for interference from swinging and sliding doors
- Video streaming and recording
 - Recording of video files to external storage media without user intervention
 - Start and stop function via switching input (door contact)
 - No interference with other counting and monitoring functions
- Simple startup and maintenance
 - Capacity for pre-configuration of up to 8 setups and detection of installation position using jumpers

TECHNICAL DATA

Operating nominal voltage	24 V DC
Operating voltage range	9 V 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	IP54 (DIN IEC 60529)
Monitored area	1.90m to 5.90m width (depending on installation height)
Dimensions	141.4 x 71.5 x 31 mm
Weight	approx. 400 g
Housing	Ruggedized aluminium housing
Rail conformity	EN 50155
EMC	ECE type certification (E1) for buses EN 50121-3-2 for rail
Reliability	MTBF 500.000 h

INTERFACES

Ethernet	100 MBit/s, M12 socket
Serial Port	2-wire RS485
Communication protocols	IBIS-over-IP (similar to VDV-300) IBIS-over-RS485 (similar to VDV-300) Customer-specific protocols
Inputs / outputs	1 digital input (door contact), 1 digital output 3 coding jumpers for setup selection
Setup / service	Integrated web interface