



Figure shows example with optional powder-coating; standard version is blank.

People Sensor APC-R Faster project success. Guaranteed!

The People Counter APC-R defines a new level of precision in electronic people sensing, 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) are identified and 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 32 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) |
| Ceiling height | 2.00 m to 4.00 m |
| Monitored area | 1.90 m to 5.90 m 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 |
| Communication protocols | IBIS-over-IP (similar to VDV-300) SOAP/XML Push Service Customer-specific protocols |
| Inputs | 1 digital input (door contact) 5 coding jumpers for setup selection |
| Setup / service | Integrated web interface |