



Autometers Alliance Ltd



GPS Based PASSENGER INFORMATION SYSTEM



Autometers Alliance Ltd

offers an indigenously developed standalone Global Positioning System (GPS) Based Passenger Information System for use in modern rail/road transportation systems.

Salient Features

- Compact & Lightweight.
- Designed to display various types of messages to passengers inside the train coach.
- Standalone unit, does not require inter-coach wiring on the train.
- Microprocessor-based control.
- GPS connectivity for receiving of location coordinates of current station from satellites.
- Software controlled Multiplexed / Non-Multiplexed data for LED driving.
- Individual LED accessibility.
- Antiglare screen to protect and enhance contrast ratio.
- Automatic brightness control according to ambient light conditions (for passenger comfort during night hours).
- Comprehensive self test facility.
- Enclosure and fixing to meet vehicle interior requirements.

Applications

- Useful in Passenger coaches of trains for information of incoming station to passenger (especially at night).
- Provide train stopping information to passengers.
- Helps passengers to know the approximate distance of next station and hence estimation of the time to reach to the approaching station.
- Helps passenger to get punctuality status of the train.



Technical Specifications

Designation	Description
LED matrix	Typical 128 column × 16 rows (can be customised according to customer requirements & applications)
Nos. of lines	1/2
LED type	3mm round Red colour LED (other LED colour as per customer request)
LED pitch	5mm
LED intensity	600 mcd (typical)
Display area	640mm × 80mm
Display language	Hindi & English (scrolling)
Display messages	Messages triggered automatically as per received location coordinates from satellites.
Route database	Display route database programmed into system memory for specified routes based on train schedule provided by the customer.
Operating temperature	0°C to 70°C
Relative humidity	Up to 95% (non-condensed)
Operating power supply	110 V AC or 110 V DC
Overall size	760 × 190 × 80 mm (approx)
Weight	6 Kg (Approx)



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