NORTECH
IDENTIPARK

900DS1000_00

BAY MONITORING SENSOR

The BMS is a high-tech sensor utilising ultrasonic technology and advanced detection algorithms to determine the presence of vehicles within a designated parking space.

The BMS displays the detection status onboard by means of an array of coloured LEDs and is able to control a Bay Occupied Display (BOD) that may be connected to it. It communicates the detect status to the rest of the IdentiPark System via the Intellibooster.

PRODUCT VARIATIONS

Standard Display	Single LED indicators per colour.
Enhanced Display	Power efficient internal LED cluster indicators with auto brightness (no BOD).
High Definition	Internal 3-LED cluster per colour.

TECHNICAL DATA

Input Bus	IdentiPark Sensor Bus, from the IntelliBooster DC Power and Multi-drop RS485 communications.
External Interface	DC Power, 1-wire TTL communications (to the BOD).
LED Indications	- Heartbeat (can be disabled), - Vacant GREEN, - Occupied RED, - Reserved ORANGE or, - Disabled BLUE.

Power Supply	(Standard and HD) 28 to 56V_{DC} (Bus supplied). (Enhanced) 32 to 56V_{DC} (Bus Supplied).
Detection Range	0.6m to 4m.
Dimensions	85.57mm x 161.26mm (h x w).
Mounting	Flush roof mount. Conduit junction box. U-channel.
Material	Polycarbonate (Lexan 923).
Operating Temperature	-30˚C to +60˚C.
Storage Temperature	-40˚C to +85˚C.
Humidity	Up to 98% non-condensing.
EMC	As per CISPR 22 and CISPR 24: IEC6100-4-2, IEC6100-4-3, IEC6100-4-4, IEC6100-4-6.
Safety	Designed to comply with UL/CSA-60950, EN60950 and IEC60950.
Housing	IP54 rating.

ORDERING INFORMATION

Contact	info@identipark.com for the correct solution for your specific application.