NORTECH
IDENTIPARK

900DS1001_00

RGB BAY MONITORING SENSOR

The Bay Monitoring Sensor (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 on board 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.

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. - Vacant: Green, Red, Blue, Yellow, Cyan, Magenta, White, No Colour (Configurable). - Occupied: Green, Red, Blue, Yellow, Cyan, Magenta, White, No Colour (Configurable).
Power Supply	28 to 56V_{DC} (Bus Supplied).
Detection Range	0.6m to 4m.
Dimensions	85.57mm × 161.26mm (h x w).
Mounting	- Flush ceiling mount. - Conduit junction box. - U-channel.
Material	Polycarbonate.

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 IEC6095.
Housing	IP54 Rating.

ORDERING INFORMATION

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