



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 56 VDC (Bus Supplied)

Detection Range

0.6m to 4m

TECHNICAL DATA

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.