

# INTELLIBOOSTER

The IntelliBooster provides the power and communication backbone for the Identipark Sensor Bus. It acts as a data collection and distribution device and also supplies DC power to any devices connected on the Sensor Bus.

The IntelliBooster retrieves the status of all devices connected on this Bus and forwards this information to the Data Concentrator as requested.

In turn, the IntelliBooster receives display commands from the Data Concentrator and relays these commands to the relevant devices.



## FUNCTIONALITY

<b>Upstream Interface</b>	Nortech Proprietary CAN (NPC) Bus
<b>Downstream Interface</b>	Identipark Sensor Bus DC Power and Multi-drop RS485 Provides power to devices connected Communicates with devices connected
<b>LED Indications</b>	Mains Power LED - Bay Sensor & Guidance Bus Power Heartbeat - Flashes OFF for 1 second and ON for 0.5 seconds to indicate normal operation Flashes ON for 1 seconds and OFF for 0.5 seconds to indicate Lost communications Fault LED
<b>Diagnostics Interface</b>	DB9 Connection for IB Diagnostic Display
<b>Configuration</b>	Via Nortech Proprietary CAN (NPC) Bus
<b>Power Supply Options</b>	48VDC > 90W or 230VAC ± 10% or 120VAC ± 10%

## TECHNICAL DATA

Dimensions	94mm × 221mm × 176mm (h × w × d)
Mounting	Shelf mounting with rubber feet
Material	Mild steel, powder coated
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	As per with UL/CSA-60950, EN60950 and IEC60950
Housing	IP30 rating
Flammability	Wiring & Connectors - UL94 VW1

## ORDERING INFORMATION

Contact	<a href="mailto:info@identipark.com">info@identipark.com</a> for the correct solution for your specific application
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