



## 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

### Upstream Interface

Nortech Proprietary CAN (NPC) Bus

### Downstream Interface

IdentiPark Sensor Bus  
DC Power and Multi-drop RS485  
Provides power to devices connected  
Communicates with devices connected

### LED Indications

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

**Diagnostics Interface**

DB9 Connection for IB Diagnostic Display

**Configuration**

Via Nortech Proprietary CAN (NPC) Bus

**Power Supply Options**

48V DC > 90W or  
230VAC  $\pm$  10% or  
120VAC  $\pm$  10%

## TECHNICAL DATA

**Dimensions**

94mm  $\times$  221mm  $\times$  176mm (h  $\times$  w  $\times$  l)

**Mounting**

6 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