



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

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