NORTECH
IDENTIPARK

900DS0002_00



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
- $230V_{AC}$ ± 10% or
- $120V_{AC}$ ± 10%.

TECHNICAL DATA

Dimensions	94mm × 221mm × 176mm (h × w × 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.

ORDERING INFORMATION

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