



DATA CONCENTRATOR

The Data Concentrator acts as a data collection and distribution device linking the IdentiPark Network to an Ethernet backbone.

The Data Concentrator retrieves the status of devices connected on its NPC Bus and forwards this information to the System Facility Computer as requested.

In turn the Data Concentrator receives display commands from the System Facility Computer and relays these commands to the relevant IntelliBoosters.

FUNCTIONALITY

Upstream Interface

Ethernet TCP/IP or USB

Downstream Interface

Nortech Proprietary CAN (NPC) Bus

LED Indications

Power

Fault LED

31 Bi-colour LED's representing the 31 IntelliBoosters connected to it

LED A - Heartbeat

LED B - Bootloader

LED C - Programmable

Ethernet activity LED's

Configuration

Via USB or Ethernet

Power Supply Options

12V DC > 12W or
230VAC \pm 10% or
120VAC \pm 10%

TECHNICAL DATA

Dimensions

78mm x 221mm x 176mm (h x w x 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

Designed to comply with UL/CSA-60950, EN60950 and IEC60950

Housing

IP30 rating

Flammability

Wiring & Connectors - UL94 VW1