NORTECH
IDENTIPARK

900DS0001_00




# 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

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|---|---|
| **Upstream Interface** | Ethernet TCP/IP or USB. |
| **Downstream Interface** | Nortech Proprietary CAN (NPC) Bus. |
| **LED Indications** | - Power.<br>- Fault LED.<br>- 31 Bi-colour LED's representing the 31 IntelliBoosters connected to it.<br>- LED A – Heartbeat.<br>- LED B – Bootloader.<br>- LED C – Programmable.<br>- Ethernet activity LEDs. |
| **Configuration** | Via USB or Ethernet. |
| **Power Supply Options** | - $12V_{DC}$ > 12W or,<br>- $230V_{AC}$ ± 10% or,<br>- $120V_{AC}$ ± 10%. |

## TECHNICAL DATA

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|---|---|
| Dimensions | 78mm × 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:<br>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. |

## ORDERING INFORMATION

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