

# 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

<b>Upstream Interface</b>	Ethernet TCP/IP or USB
<b>Downstream Interface</b>	Nortech Proprietary CAN (NPC) Bus
<b>LED Indications</b>	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
<b>Configuration</b>	Via USB or Ethernet
<b>Power Supply Options</b>	12VDC > 12W or 230VAC ± 10% or 120VAC ± 10%

## TECHNICAL DATA

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 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

Contact	<a href="mailto:info@identipark.com">info@identipark.com</a> for the correct solution for your specific application
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