



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 230V AC ± 10% or 120VAC ± 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