



▶ DATA LOGGER

NI-DL8/ NI-DL16/ NI-DL32



UNIVERSAL INPUT DATA LOGGER
8/16/32 CHANNEL

DATA LOGGER

NI-DL8/ NI-DL16/ NI-DL32

NI-DL-8/16/32 series is versatile general purpose universal sensor Input channel to measure process parameters (Temperature/ Pressure/ Flow/RH etc.) The data logging time intervals is programmable.

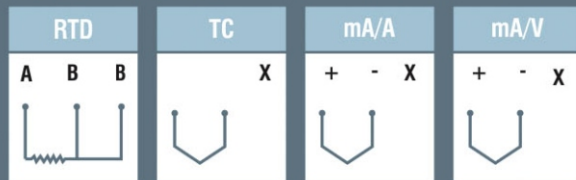
MEMORY CAPACITY

25k, Reading for 8, 16 channels -35k reading for 32 channels.

COMMUNICATION

RS-485 or RS-232,
Printer port, USB 2.0 for data transfer. Additional Ethernet (LAN RJ 45) for 32 channels.

WIRING DIAGRAM



TECHNICAL SPECIFICATIONS

| | |
|--------------------------------|---|
| No. of analogue channels | 8, 16, 32 input models |
| Universal Input | Yes |
| Voltage ranges | 0-5 Vdc Single ended |
| Current ranges | 0-20mA, 4-20mA. |
| Thermocouple Ranges: | 0 to 1200 C - J type o 0 to 1372 C - K type o |
| Differential & Single Ended | 0 to 1300 C - N type o 0 to 1768 C - R type o 0 to 1768 C - S type o 0 to 400 C - T type |
| Pt100/1000, 2-wire, 3-wire | -200 to 300oC |
| Internal reference temperature | -50 to 150oC |
| Alarm Outputs | 2 RS range of relay for Hi / low. |
| A/D Resolution Accuracy | 12 bit successive approximation 0.1% FSD of range. |
| Clock Resolution Accuracy | 1s/10ppm Normal mode- each input sampled at a maximum rate of 1reading per second. |
| Historical trends | No |
| Data Scaling | Yes |

INDUSTRIAL DATA ACQUISITION DEVICE

PAPERLESS DATA LOGGER 8 /16 /32 CHANNELS

DIMENSION

8/16 CH-96mm W, 96mm H, 150mm D

APPLICATIONS

Data Acquisitions
Pharmaceuticals / Refrigeration / Food Processing / Cold Storage/ Steel fabrication/ Process monitoring Etc.

OPTIONAL

Advanced software to meet 21CFR norms 21CFR VILD

SMS on Alarm conditions,

Email hourly Log, FTP logged Data at fixed intervals to Server

| | |
|------------------------------|--|
| Data Statistics | Yes from within Data acquisition PC software |
| Memory Internal | 512 KB |
| Display | 8 & 16 CH -3.5 inch multicolour TFT graphical display with LED backlit. 32 CH 7 inch resolution 320 x 240 pixels. |
| Display | 4 tactile push button keypad |
| Internal Battery for storage | One 3V Lithium cell, easily replaceable. |
| Battery life | Up to 5 years |
| External Power required | 230Vac Single phase AC mains. |
| Sensor Power Output | Not provided |
| Networking | Not provided /LAN-32 CH |
| USB Port | USB 2.0 (Optional) |
| Serial Communication port | RS-232 or RS-485 |
| PC Setup | Yes, with dedicated data acquisition software |
| Front Panel setup | |
| Stored setups | 2 |
| Operating temperature | -20 to 55oC |
| Dimensions-32 CH | 2 Models, w-218 x H-135 x D-60 mm, Weight 0.5 kg OR W-96 X H-96 X D-150mm |
| Panel cutout | W-203 x H-118 mm OR W-92 x H-92 |

Dealer Stamp

