

Product Data Sheet

Nexus Systems LUDS –10 LAN Network Adapter



The LUDS-10 network adapter is designed to enable the connection of a Nexus controller to a systems network, thereby bringing the power, flexibility and ease of installation to a new or existing Nexus network.

The LUDS-10 Device Server provides a quick, simple and cost-effective way of connecting Morley devices and bringing the advantages of data accessibility and remote management to our existing range.

LUDS-10 features;

- Replaces expensive dedicated PCs or lengthy serial cables with fast and reliable networking technology.
- Compact and easy to install
- Supports RS232, RS422 and RS485 serial connections via its DB-25 serial port
- 10 Mb/s Ethernet through the RJ-45 connector
- Can be added to an existing Morley access control system
- Flash ROM for easy software upgrades

Technical Specification Protocols Supported

ARP, UDP, TCP, Telnet, ICMP, SNMP, DHCP, TFTP, and HTTP

Device Support

Supports any asynchronous serial device with 7 or 8-bit data, with or without parity requiring Ethernet access

Network Interface

RJ45 (10BASE-T) Ethernet

Serial Interface

Female DB25 RS-232/RS-422/RS-485 serial port with DCE configuration

Data Rates

Serial speeds 300bps to 115Kbps

Modem Controls

RTS, CTS, DSR, DCD, DTR

Flow Control

Software XON/XOFF

Hardware CTS/RTS

LEDs

Good Link (green)

Network transmit/Receive data (yellow)

Collisions (red)

Diagnostic (red)

Status (green)

Physical Dimensions (H x W x D)

2.3 x 6.4 x 9.0cm (0.9 x 2.5 x 3.5 in)

Weight

0.35 Kg (0.8lbs)

Power Requirements

External adapter included as

110 VAC (-01 models) or

230 VAC (-02 models)

Required input power of 6.0 - 9 VDC @

250mA max.

Management

Internal HTTP server

SNMP (read only)

Serial login

Telnet login

Firmware

Flash ROM standard; downloadable from a

TCP/IP host (TFTP) or over the serial port

Environmental

Operating Temperature

5° to 50°C (41° to 122°F)

Storage Temperature

-40° to 66°C (-40° to 151°F)

Agency Approvals

CE, FCC B, TUV, C/UL

Warranty

5-year limited warranty

Ordering Information

Part No.

102022 Nexus network LUDS-10 LAN

Adapter

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