

TAINY LMOD-S1

Dial-up and leased line LAN modem for industrial applications.

Benefits:

- TCP/IP data communication for applications that are not TCP/IP-compatible
- Inexpensive operation via standard TCP/IP networks
- Operating systems independent of the PCs or control units in the control center or at the process
- LEDs display network and connection status
- Easy installation and mounting
- Standard connections
- Optimized for top-hat rail mounting control cabinets

Key Features:

- LAN-Modem for serial data transmission
- AT dial-up connection or leased line operation via TCP/IP network
- Bidirectional data connections via LAN (device <-> control center and/or device <-> device)
- Serial interface to the application
- Intelligent connection monitoring
- Large input voltage range (12...30 VDC)
- Large temperature range (-20 °C..+70 °C)
- Top-hat rail mounting
- Compact plastic enclosure with standard industrial connectors
- Protection type/class: IP40



The TAINY LMOD-S1 from Dr. Neuhaus Telekommunikation replaces a conventional leased line or dial-up modem. The standard serial interface is used to immediately implement the TAINY LMOD-S1 in the existing technological infrastructure.

Independent of the operating system the PC or control unit is run on, this LAN modem communicates via TCP/IP networks.

This makes applications previously run via analog or ISDN modems network-compatible.

Like the TAINY GMOD-Sx GPRS modem, the TAINY LMOD-S1 is part of the TAINY SwitchingCenter system, the transmission system for M2M (Machine-to-Machine) data communication from Dr. Neuhaus Telekommunikation.

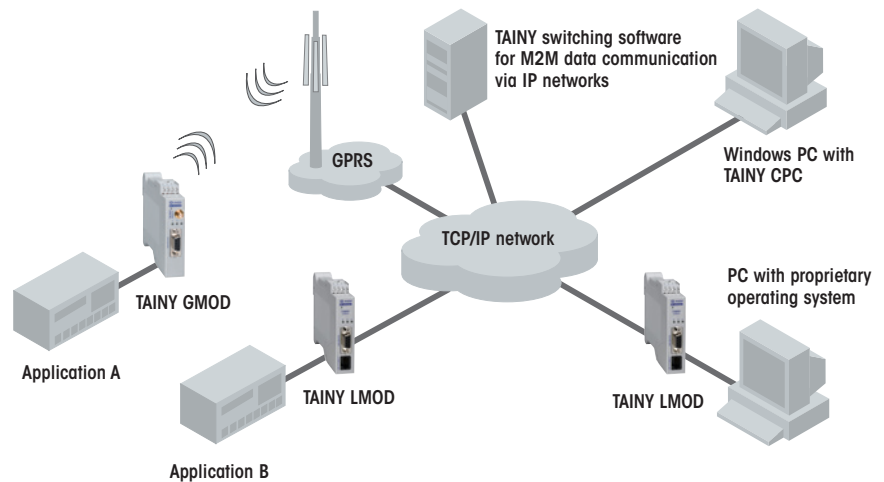


Dr. Neuhaus

System Components

- TAINY LMOD-S1
- Power supply
- Ethernet network connection
- Switching software:
 - TAINY SwitchingCenter or
 - TAINY ModemServer

Topology



Technical Data

INTERFACE

Application Interface	RS-232 (ITU V.24/V.28), connector: DSUB-9; speed: 300 bps up to 57600 bps; Function: data transmission via TSC/TMS; configuration via FTP server; Connection control: Always Online, DTR control or AT commands; Type of connection: dial-up line, leased line, service operation
Power Supply	Device input voltage: 12 – 30 VDC (24 VDC nominal); I typ. 120 mA @ 12 V, I typ. 60 mA @ 24 V
Electrical Isolation (test voltage)	Voltage supply screw terminal against 10Base-T Ethernet connector and voltage supply screw terminal against DSUB-9 each (1500 Veff, 50 Hz, 1 min.)

CONNECTION

Connection	10BASE-T Ethernet, connector: RJ45; speed: 10 Mbps; Function: data transmission via TCP/IP protocol; configuration via FTP server
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APPROVALS

Umweltbedingungen	Operation: -20 °C to +70 °C (> 55 °C derating); humidity 0-95%, non-condensing
Approvals	CE; EN 55024, EN 55022, EN 61000-6-2; EN 60950

MECHANIC

Mechanics	Top-hat rail mounting; enclosure: plastic protection class/type: IP40; Dimensions: approx. 114.5 x 22.5 x 99 mm (L x W x H); weight: approx. 150 g
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MISCELLANEOUS

Accessories	Power supply, screw terminal adapter to DSUB-9, serial cable, crossover network cable, network cable
Scope of Delivery	Device; CD with user manual, modem driver for service operation and configuration software
Order Number	TAINY LMOD-S1, part no.: 316503

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