

Data sheet:

LAN modem, 10/100BT, 24V



Article no.: 58620

This article has been replaced by the functionally compatible successor [AT-Modem-Emulator 58666](#).

Replacement of a dial-up modem route through LAN modems

Properties

General information:

- **Network adapters:**
 - 10/100BT autosensing
- **Power supply:**
 - 12-24 volts AC/DC
 - Shipped optionally with or without power supply:
Please order power supplies as separate accessories.
- **Conforms to standards both in office and industrial environments:**
 - High noise resistance per EN 61000-6-2
 - Low noise emission per EN 55032:2015 + A1 Cl. B, EN 61000-3-2 & EN 61000-3-3
- **5 year guarantee**

Background information:

Alarm systems, test equipment, air conditioning monitoring systems and their associated control programs often require that a dial-up modem be connected to the RS232 port in order to exchange alarms or configuration data.

For in-house applications this means reserving at least two of the few available direct dial numbers in a telephone system. If the communication partner is located at a remote site, you must add to this long-distance or dedicated line lease charges. The W&T LAN modem makes it possible to route such connections over the already existing LAN. Use of TCP/IP protocol permits both intranet and Internet accesses to be utilized as the communications path.

The RS232 port on the LAN modems, which operates at a data rate of 57,600 baud, emulates the Modem-AT command set and converts it into TCP/IP and Ethernet at 10 as well as with 100MBit/s.

To use the LAN modem, all you need to do is replace the previous telephone number with the IP address of the destination modem. No other changes are necessary!

The W&T LAN modem allows you to integrate modem-based systems into the network without any modification to the software or firmware.

Virtual modem ports under Windows:

The COM Port Redirector for Windows NT/2000/XP/2003 allows you to set up virtual COM ports that emulate a LAN modem. Both incoming and outgoing calls are supported, so that no external hardware is required on the side of the central application. [Interested?](#)

Technical data

Network 10/100BaseT autosensing
(IPv6 on request)

Serial port: 1 x RS232 interface
DB9 socket, DCE assignment

Baud rate: 1200 to 57,600 baud

Data format: 8 data bits, 1 stop bit, no parity

Flow control: Hardware handshake and/or
XON/XOFF protocol

Galvanic isolation: min. 500 volts

Supply voltage: DC 12V .. 48V (+/-10%)
AC: 9Veff .. 30Veff (+/-10%)

Current consumption: Typ. 100 mA @24 V DC

Ambient storage temperature: -40..+70°C

Ambient operating temperature: non-cascaded: 0..+60°C
cascaded: 0..+50°C

Housing: Plastic compact enclosure, 105x75x22mm

Weight: approx. 200 g

Scope of delivery: 1x LAN modem 58620

Please order power supplies separately as accessories



[We are available to you in person:](#)

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