

Data sheet:

LAN modem, 10BT



Article no.: 58210

This article has been replaced by the function-compatible and expanded successor model [AT-Modem-Emulator 58666](#).

Replacement of a dial-up modem route through LAN modems

Properties

General information:

- **Network adapters:**
 - 10BT
- **Power supply:**
 - External power adapter 230V/50Hz
- **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 interface of the LAN modem, which operates at a maximum rate of 57,600 baud, emulates the AT command set and converts it to TCP/IP and Ethernet at 10 and 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:	10BaseT (IPv6 on request)
Serial port:	1 x RS232 port 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
Electrical isolation: min. 500V
Power supply: stab. 5V DC
Power consumption: Typ. 270 mA, max. 330 mA
Power supply: Supplied power adapter
Input: 230V / 50 Hz
Output: stabilized 5V, 1A
Ambient storage temperature: -40..+70°C
Ambient operating temperature: 0 ...+60° C
Housing: Plastic compact housing, 105x75x22mm
Weight: approx. 200 g
Scope of delivery: 1x LAN modem 58210
1x power adapter for application in office



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

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