Delock Converter Ethernet LAN RJ45 10/100 Mbps jack to serial RS-232 DB9 male with nuts

Description

This Ethernet LAN to RS-232 converter by Delock provides a convenient solution to integrate RS-232 devices into a LAN infrastructure via plug and play. It supports connections to RS-232 devices such as scanners, machines, instruments, routers, IoT devices, etc. A Windows application enables a central control of Ethernet LAN converters. This includes the selection of the desired network interfaces, the configuration of the COM port settings as well as the functions for manual or automatic connections, password protection, device name and MAC hardware addresses.

In the Local Area Network or Wireless Local Area Network the converter interacts with the MAC hardware address (device address) without using the TCP/IP protocol. This reduces the response time between the computers and the RS-232 devices with very low latencies. Using the Ethernet protocol avoids furthermore the required configuration of IP addresses. The Ethernet LAN converter is compatible with current Ethernet and RS-232 standards and achieves a maximum data rate of up to 100 Mbps.



50 cm

Item no. 62976

EAN: 4043619629763

Country of origin: China

Package: Box

Specification

- Connectors:
  1 x Fast Ethernet RJ45 jack
  1 x Serial RS-232 DB9 male with nuts
  1 x DC power female 3.5 x 1.35 mm
- RS-232 serial:
  Data transfer rate: 50 bps - 115 Kbps
  Data bits: 5, 6, 7, 8
  Stop bits: 1, 1.5, 2
  Parität: even, odd, none, mark, space
  Buffer: FIFO 1 KByte

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Signals: DCD, TxD, RxD, RTS, CTS, DTR, DSR, GND, RI

- Ethernet standards:
  IEEE 802.3: 10BASE-T
  IEEE 802.3u: 100BASE-TX
  Media Access Control adressing (no IP configuration)
  Auto connection and mapping with MAC address bound (Hot Swap)
  Auto MDI/MDIX
- Transmission protocol: proprietary
- Password protection (optional)
- Plug & Play
- Data transfer latency: < 15 ms
- Keeps physical COM port in system also under offline mode (auto connect)
- Protection: ESD (electrostatic discharge):
  ±15 KV ESD Human Body Model (HBM)
  ±15 KV ESD IEC61000-4-2 Air Discharge
  ±8 KV ESD IEC61000-4-2 Contact Discharge
  ±4 KV ESD IEC61000-4-2 Line-to-Line
- Status LEDs:
  Power
  Ethernet connection
  RS-232 connection and data
- Cable length incl. connectors: 50 cm
- Operating voltage: 5 V
- Power consumption: max. 2.5 W
- Housing: Polycarbonat
- Operating temperature: 0 °C ~ 60 °C
- Humidity: 5 ~ 95 %
- Weight: 67 g
- Dimensions (LxWxH): ca. 48 x 34 x 18 mm

Power supply specification

- Input: 100 ~ 240 V 50/60 Hz 0.2 A
- Output: 5 V / 1 A
- Cable length incl. connectors: ca. 120 cm

System requirements

- Windows 7/7-64/8.1/8.1-64/10/10-64/Server 2012R/2016

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- Ethernet LAN 10/100/1000 Mbps

Package content

- Ethernet LAN converter to serial RS-232
- Software CD
- Power supply
- Manual

Images



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General

Function:	Hot Plug
Specification:	RS-232 (EIA / TIA) Ethernet
Supported operating system:	Windows 10 32-Bit Windows 10 64-Bit Windows 7 32-Bit Windows 7 64-Bit Windows 8 32-bit Windows 8 64-bit Windows 8.1 32-Bit Windows 8.1 64-Bit Windows Server 2012 R2 Windows Server 2016
LED indicator:	power and activity
Protection:	ESD (Electrostatic Discharge)

Interface

Connector 1:	1 x Serial RS-232 DB9 male
Connector 2:	1 x RJ45 jack

Technical characteristics

Data transfer rate:	up to 115,2 Kb/s Ethernet up to 10 Mbps Fast Ethernet up to 100 Mbps
FIFO:	1 kByte
Operating temperature:	0 °C ~ 60 °C
Humidity:	5 ~ 95 %
Data transmission:	asynchronous full duplex
Voltage:	5 V
Current consumption:	500 mA

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UART:	Ethernet-UART

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Physical characteristics

Housing colour:	black
Housing material:	Polycarbonat
Weight:	67 g
Cable length:	31 cm
Length:	480 mm
Width:	34 mm
Height:	18 mm

Power supply

Connector:	DC male 3.5 mm x 1.35 mm

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