W&T connects

Interfaces for TCP/IP, Ethernet, RS-232, RS-485, USB, 20mA,
glass and plastic fiber optic cable, http, SNMP, OPC, Modbus TCP, I/O digital, I/O analog, ISA, PCI

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Data sheet:

Com-Server Highspeed, 19" version, 10/100BT, 1 serial port

Article no.: 58331

This model is no longer available. Possible replacement Com-Server++, #58665.

1 serial port to the network - integrated into 19" systems

The Com-Server Highspeed Compact integrates a serial device into the network in 19" systems via TCP/IP Ethernet. Numerous network services are available for communication.

Properties

Interfaces:

- **1 x RS232/422/485 selectable**

- **1 x Ethernet 10/100BaseT**
  - Autosensing

- **alternate hardware configuration**
  - 20mA/TTY version (extra charge)

Management and connectivity:

- **Remote configuration**
  - Startup using WuTility (three clicks and you're done), DHCP, serial
  - Web-Based-Management
  - Telnet
  - Control sockets from your own applications

- **Transparent communication**
  - Windows COM Port Redirector and virtual COM ports
  - Box-to-Box
  - TCP server sockets from your own applications
  - OPC server

- **Expanded protocol support**
  - FTP client / server
  - Telnet client / server
  - UDP Peer
  - SLIP

Power supply:

- **External power**
  - 5V DC via DIN 41612 connector

Standards & more

- **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**

Wish for something!
Your suggestions for improvement and additions

Run modes

Windows COM Port Redirector

Install the COM Port Redirector and configure your serial program on one of the virtual COM ports - that's all there is to it! Regardless of whether as a replacement for missing hardware COM ports, a solution for virtual environments like VMware, HyperV, etc., or as a simple line driver, you serial communication becomes network capable without a single line of programming. Multipoint mode and packaging options are of course also available here.
Data sheet with download link

Box-to-Box

In just a few clicks you can link 2 Com-Servers to each other logically and use an operating-system neutral, transparent and if desired TLS encrypted data tunnel through the network. Serial data are sent bi-directional and as fast as possible to the respective counterpart. Automatic reconnect functions in case of connection faults/dropouts are available as are multipoint operation and packeting options for fine tuning when using serial protocols.
To application example ...

TCP/UDP socket communication

Network programming today belongs to the standard repertoire of all programmers. Integrate your serial device simply into your own network application. Take as a TCP client control of the connection into your own hands, be contacted as a TCP server using event-driven control, or use the efficient, contactless UDP protocol. The new multipoint mode and packaging options are of course available here also.
To application example ...

FTP client/server

Send and archive your serial data with the FTP standard tools on most operating systems. Serial outputs from scales, barcode readers etc. or status and error messages for example from UPSs are classic applications for the use of Com-Servers as FTP server or FTP client.
To application example ...

Technical data

Connections and displays:

Serial port:	1x RS232-, RS422-, RS485 port, selectable Optional: 20mA/TTY (extra cost) DB9 connector plug 50 to 230.400 baud 7,8 data bits 1,2 stop bits Parity No, Even, Odd Flow control No, RTS/CTS, Xon/Xoff
Serial modes:	RS232 RS422 4-wire bus master RS485 4-wire bus master RS485 4 wire with automatic control RS485 2 wire with automatic control
Network:	10/100BaseT autosensing RJ45 IPv6 on request
Galvanic isolation:	Network connection min. 500 V
Supply voltage:	DC 5V +/-5%
Supply connection:	via DIN 41612 connector
Current consumption:	typ. 320mA @ 5V DC (RS232 mode)
Displays:	1 LED Power 1 LED Status 1 LED Error

Housing and other data:

Housing:	-
Enclosure rating:	IP00
Dimensions:	Eurocard, 100 x 160 mm Front panel: 8HP (40.64mm)
Weight:	approx. 170g
Ambient temperature:	Storage: -40..+70°C Operation: 0..+60°C

Permissible relative humidity:	5..95% RH, non-condensing	
Scope of delivery:	1x Com-Server Highspeed 19", 1 port	
	1x Quick Guide	
	1x product CD with COM Port Redirector, WuTility management tool, manual, German/English	

Accessories

Software

WuTility	00104	free ⬇
Windows COM Port Redirector Legacy	00102	free ⬇
Windows COM Port Redirector Win 95/98/Me	00101	free ⬇
OPC Server	00103	free ⬇

* Our offering is intended only for commercial users. We will be happy to refer private end customers to trading partners through whom our products can be purchased.

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