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

W&T
www.WuT.de

Data sheet:

Com-Server LC

Article no.: 58661

EUR 258.00

*Net price for
commercial users

A serial port to the network - transparent and universal

The Com-Server integrates a serial device to industry standards into the network via TCP/IP Ethernet. The standard network services are available for communication.

Properties

Interfaces:

- **1x RS232/RS422/RS485 selectable**

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

- **alternate hardware configuration**
  - 20mA/TTY version see Com-Server 20mA

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

Power supply:

- **External**
  - Screw terminals, 12V-48V DC

- **Power-over-Ethernet (PoE)**
  - Phantom power using data pairs
  - Power over unused wire pairs

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 socket server

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 ...

Expanded version (baud rates, functions, protocols): Com-Server++ 58665

Technical data

Connections and displays:

Serial port:	1x RS232-, RS422-, RS485 port, selectable DB9 connector plug 50 to 57,600 baud 7,8 data bits 1,2 stop bits Parity No, Even, Odd, Mark, Space 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. 1500 V
Supply voltage:	Power-over-Ethernet (PoE) or DC 12V .. 48V (+/-10%) or AC 18Veff .. 30Veff (+/-10%)
Supply connection:	Plug-in screw terminal, 5.08mm spacing Labeled "L+" and "M"
Power consumption:	PoE Class 1 (0.44 - 3.84W) or for external supply: typ. 55mA @24V DC max. 70mA @24VDC
Displays:	1 LED Power 1 LED Status 1 LED Error 2 LEDs Network Status

Housing and other data:

Housing:	Plastic compact housing for top-hat rail mount 105x22x75mm (LxWxH)
Enclosure rating:	IP20
Weight:	approx. 105g
Ambient temperature:	Storage: -40..+70°C Operating 0..+60°C (70°C on request)
Permissible relative humidity:	5..95% RH, non-condensing

MTBF:	637,767 h @25°C per MIL-HDBK-217		

Life expectancy:	> 25 years at 25°C ambient temperature	
Scope of delivery:	1x Com-Server LC	
	1x Quick Guide	

Accessories

Power supplies

Plug-in power supply, 24V / 500mA DC with Euro plug	11021	21.00€	🛒
Plug-in Power Supply, 24V / 750mA DC with Euro, US and UK plug	11026	38.00€	🛒
Power supply for DIN rail, 24V / 630mA DC (merchandise, 2-year manufacturer's guarantee)	11080	33.00€	🛒

Mechanical Accessories

Mounting bracket for wall mounting	58812	11.20€	🛒
19" DIN rail	58813	21.00€	🛒
Wall mount housing, enclosure rating IP66 / IP67	11120	54.00€	🛒

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.

W&T
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Data Privacy