

Data sheet:

Com-Server Highspeed Industry with UL Certification for the American market (USA / Canada)



Article no.: 58631_UL

EUR 348.00

*Net price for commercial users

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Network via direct connection: 1 serial Highspeed port to the network

The Com-Server Highspeed Industry UL integrates a serial device into the network via TCP/IP Ethernet. Numerous network services are available for communication.

Properties

Interfaces:

- 1x RS232/RS422/RS485 selectable
- 1x Ethernet 10/100BaseT
 - Autosensing
- 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
 - OPC server
- Expanded protocol support
 - FTP client / server
 - Telnet client / server
 - UDP Peer
 - SLIP

Power supply:

- External
 - Screw terminal connection 12V-24V DC (LPS)
 - **US plug-in power supply** included in scope of delivery

Standards & more

- Version for the American market with UL Certification (File No. E254062) and US power supply
- Conforms to standards both in office and industrial environments:
 - High noise resistance for industrial environments
 - Low noise emission for residential and business areas
- 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, your 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 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. 1500 V
Supply voltage:	DC 12V .. 24V (+/-10%)
Supply connection:	Plug-in screw terminal, 5.08mm spacing Labeled "L+" and "M"
Current consumption:	Model. 85mA @24V DC max. 110mA @24VDC
Displays:	1 LED Power 1 LED Status 1 LED Error

Housing and other data:

Housing:	Plastic compact housing for top-hat rail mount 105x22x75mm (LxWxH)
Enclosure rating:	IP20
Weight:	approx. 300g
Ambient temperature:	Storage: -40..+70°C Operating in non-rowed installation: 0..+60°C Operating cascaded: 0..+50°C
Permissible relative humidity:	5..95% RH, non-condensing
Scope of delivery:	1x Com-Server Highspeed UL 1x 24V US switching power supply 1x Quick Guide 1x product CD with COM Port Redirector, WuTility management tool, manual, German/English





Accessories

*Net unit price for
commercial users

Mechanical Accessories

Mounting bracket for wall mounting	58812	9.98€	
19" DIN rail	58813	19.00€	
IP wall mount housing, 180 x 130 x 175 mm	11120	49.00€	

Software

WuTility	00104	free	
Windows COM Port Redirector Legacy (NT, 2000, XP, Vista, 7, 8.x, 10 incl. all 64-bit- and Server Editions)	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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