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 display version, 1 serial port

Article no.: 58001

This article is unfortunately no longer available. Mechanically and functionally compatible alternatives:
- Com-Server Highspeed Office, 4 ports
- Com-Server ++, #58665

Due to a mistake by our component supplier the Com-Server 58001 is unfortunately no longer available. From a software point of view the most compatible replacement model could be the Com-Server Highspeed Office, 4 ports . The following table summarizes the differences in key technical data.

Differences between the models:

	Old: Com-Server Display, 58001	Current: Com-Server Highspeed Office, 58034
Serial port:	1 x RS232 to DB9/M	4 x RS232/422/485 selectable to DB9/M
Network:	10MBit/s BNC and RJ45	10/100BaseT RJ45
Displays:	Display and LEDs	LEDs
Configuration/management:	Local and telnet	Telnet and Web-Based-Management

Please contact us by phone or email with any questions:
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Properties

General information

- **Direct connection for 1 serial port**

- **Remote configuration**

- **Remote protocol update**

- **Status display:**
  - for complete configuration at the device
  - for configuration check
  - for system status monitoring

- **Serial options:**
  - RS232 (standard option)
  - RS485/RS422 (added cost)
  - 20mA (added cost)
  - Customized modules (on request)

- **Network adapters:**
  - Coax Ethernet = 10Base2
  - Twisted pair Ethernet = 10BaseT
  - AUI optional

- **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:

The Com-Server provides everything you need for directly connecting a serial port to the computer network. All protocols are included (see text box and applications included with the product data sheets). In place of the standard existing

RS232 port, various port modules can be used. The serial and network parameters are configured via Telnet, ARP/RARP.

COM Port Redirector

The W&T COM Port Redirector for Windows 9x/NT/2000/XP/2003 also gives serially operating Windows programs the ability to communicate over the network. Virtual COM ports are installed on the system which behave like standard COM ports with respect to the applications. Communication with the terminal device is now however over the network and a Com-Server (data sheet with download link).

Protocols

- **Serial ports protocols:**
  - XON/XOFF
  - Hardware handshake
  - SLIP
  - other protocols on request

- **Protocols for direct network connection:**
  - TCP/IP:
    Socket, FTP, Telnet per client and server
  - Auxiliary protocols:
    ARP, RARP, PING, RIP,
    Inventorying, group management

- **Protocols for paired Com-Server operation:**
  (Connect serial devices in pairs via network)
  - Box-to-box mode TCP/IP

Technical data

Serial ports:	1x RS232 port DB9 connector, assignment as for PC-COM optional: RS422/RS485 or 20mA port
Baud rate:	50 to 153,600 baud
Data format:	5..8 data bits, 1,2 stop bits No, even, odd, mark, space parity
Flow control:	Hardware handshake or XON/XOFF protocol
Network:	Ethernet: BNC = 10 Base2, RJ45 = 10 BaseT, optional: AUI
Power supply:	Internal power adapter 100-230V / 47-63 Hz / 15W
Electrical isolation:	min. 500V
Ambient temperature:	Storage: -20..+60°C Operation: 0..+50°C
Housing:	Metal housing, 212x168x40 mm
Weight:	approx. 1000 g
Scope of delivery:	1x Com-Server display version, 1 serial port 1x product CD with WuTility management tool, Windows COM Port Redirector, OPC server, programming examples in C/VB/Delphi/Java, reference manual in German/English

W&T
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