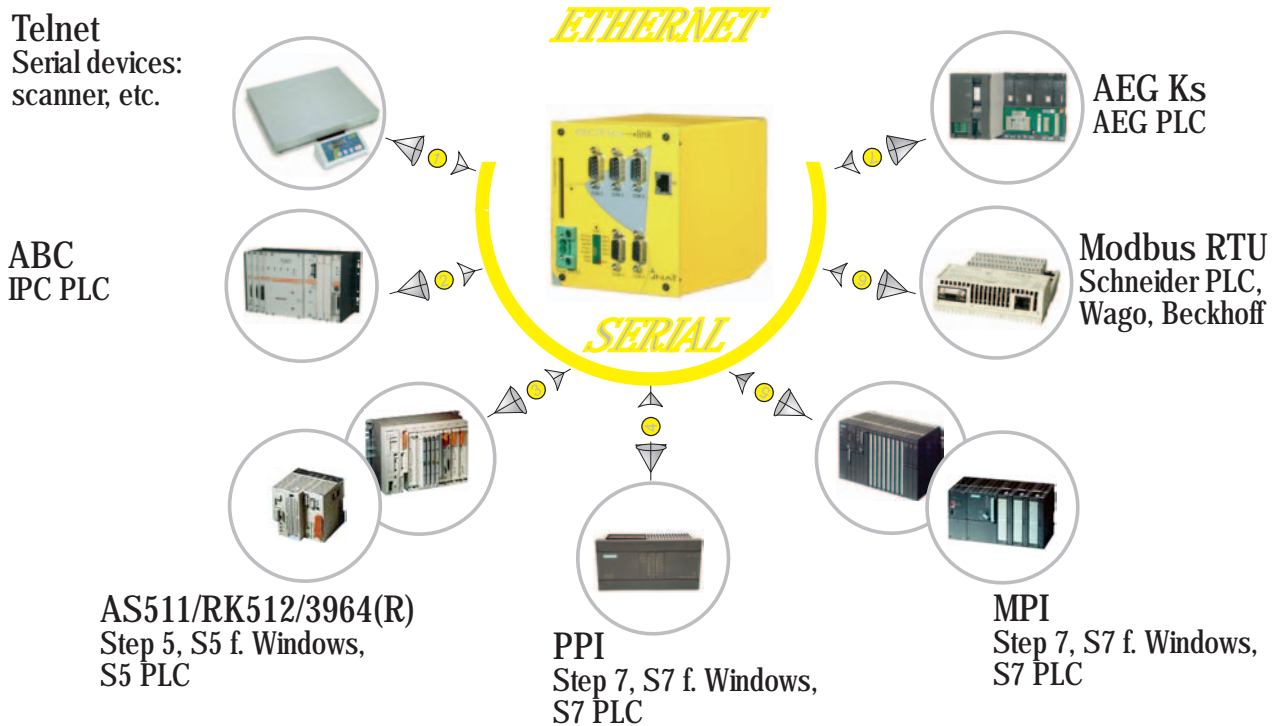


Serial to Ethernet converter echolink



Technical Data

Echolink is a serial to Ethernet converter that enables devices without a network interface, to communicate in the world of Ethernet by using their own basic serial interface.

Regardless of the type of serial interface: RS232, RS422, RS485, TTY (20 mA), MPI or PPI - with echolink nearly all serial industrial devices become network-compatible and are ready for remote maintenance.

With its protocol diversity echolink is more than a "simple" Serial/Ethernet converter. The intelligent echolink also supports complex applications such as PLC programming and process visualisation. Moreover it connects the different controller worlds of Siemens and Schneider Electric.

Ethernet Protocols

- S7 Protocol
- S5 AP
- Modbus on TCP
- EtherNet/IP
- Send / Receive
- TCP/IP
- ISO on TCP (RFC1006)
- PLC Header
- ISO (H1)

Serial Protocols

- AS511 (S5-PG)
- MPI
- PPI
- RK512, 3964(R)
- Modbus RTU
- AEG Ks
- Telnet
- optional ABC

Ethernet Interface

- 1 x TP (RJ45), 10/100 mbps

Serial Interfaces

Up to 5 serial interfaces, according to requirements:

- RS232, 115,2 Kbaud
- RS422
- RS485
- TTY (20mA)
- MPI/ Profibus, up to 12 MBaud

Power Supply

- 18...36 V DC, ca. 1,1A

Dimensions [in mm]

Special Features

Protocol diversity

- Data conversion Serial - Ethernet
- Connects the different controller worlds Siemens and Schneider Electric (Modicon)

Ethernet interface for

- S7 PLCs with MPI/PPI/Profibus interface
- S5 PLCs
- Serial Modbus devices
- All devices with RS232/422/485 interface e.g. scanner, scales
- IPC 620 PLC (Klöckner-Moeller)

Echoaktiv function

- Data transfer between PLCs without changing the program

Webserver

- Access process data via Webbrowser

Programming

- Programming the S5/S7 via Ethernet with S5/S7 for Windows and with Step[®] 5/ Step[®] 7
- Softnet[®] is no longer required, since VCOM is included in the scope of supply
- Programming AEG PLCs (A 120, A 250) via Ethernet with AKF 250
- Programming TI505 PLCs via Ethernet with TISOFT

Easy parametrisation

- Online via IP
- Online via H1
- Serial
- Offline

Mounting

- Echolink is equipped with top hat rail adapter in the scope of supply
- Optional: adapter for installation on the mounting rail of the S7-300[®]

Applications:

- Integration of older systems and devices into Ethernet
- Connecting serial Modbus devices via Ethernet
- Remote maintenance of PLCs
- OPC and DDE communications (e.g. visualisation)
- PLC programming via Ethernet

Order Data

echolink, Serial Ethernet Converter

Product:	Order number:
Echolink basic	200-6500-01
Interface modules:	
MPI	200-6580-01
MPI, 2 ports	200-6580-02
RS232	200-6581-01
TTY (20mA)	200-6582-01
RS422 non-floating	200-6583-01
RS422 floating	200-6584-01
RS485 non-floating	200-6585-01
RS485 floating	200-6586-01
Adapter for installation on the mounting rail of the S7-300	700-5600-01
ABC protocol	200-6560-01