

TCPConv 2

USB/RS232 Device Server and Ethernet Router



TCPConv 2 allows connecting a device with USB- or RS232-interface to an Ethernet network. A typical application is the extension of a network device (e.g. a network printer) by a local peripheral device.

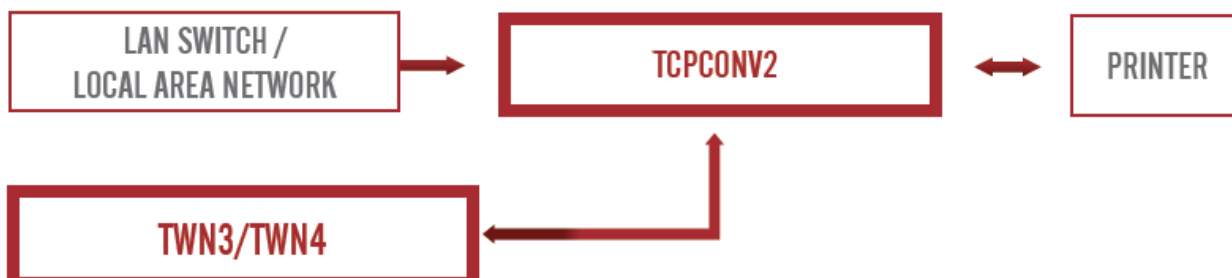
Simply insert TCPConv 2 into the existing LAN connection of your device. In order to do so, TCPConv 2 contains 2 LAN ports, which operate as a network router.

The example below shows a typical environment, where a printer is connected to a network:

1. Typical printer connected to a Local Area Network:



2. Example of integration of printer together with RFID reader and TCPConv 2 in a Local Area Network



TCPConv 2 is based on an embedded Linux platform. This allows very flexible implementation of custom applications.

TCPConv 2 is configured via built-in web frontend. Printers connected to TCPConv 2 can still be configured via the built-in web frontend.

Technical Data	
Housing	ABS UL94-V0
Dimension (L x W x H)	95mm x 95mm x 25mm
Power	Power Supply: External power supply 5V Supply Current: 1500mA
Temperature Range	Operating: 0°C to +45°C (-4°F to 158°F) Storage: -40°C up to +85°C (-40°F up to +185°F)
Relative Humidity	10% to 90% non-condensing
Memory	RAM: 128 MB Flash: 2 GB
Ethernet Router	Transfer Rate: 10Mbit/s, 100Mbit/s Other features: Auto MDI/MDIX
USB	Type: 2.0 (One OTG and one Host) Maximum Current: 500mA Supported Devices: Elatec TWN3 or TWN4 transponder readers/writers
RS232	Baudrate: Configurable 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600 or 115200 Baud Databits: 7 or 8 bits Parity: None, even or odd parity Stopbits: 1 or 2
Connectors	Ethernet: 2 x RJ45, 10/100BaseT USB: 1 x USB-A receptacle, 1 x Mini USB RS232: 1 x DSUB 9pos Power: For plug 5.5mm/2.1mm
LAN Communication	Protocols: TCP, IPV4 (IPV6 on request), DHCP, ARP, PING, SSH, HTTP Modes of Operation: TCP Server: Device is connected by a TCP client. TCP Client: Device connects automatically to a specified TCP server. Connection may be triggered by incoming flow of data on either the USB or RS232 port (available soon).
Certification	CE, RoHS-II compliant
Weight	Approx. 270g
Order Code	ART15199: TCPConv 2 Kit Standard with 0.5m patch cable (RJ45) and power supply (EU) ART15236: TCPConv 2 Kit Standard with 0.5m patch cable (RJ45) and power supply (US) ART15237: TCPConv 2 Kit Standard with 0.5m patch cable (RJ45) and power supply (AU) ART15238: TCPConv 2 Kit Standard with 0.5m patch cable (RJ45) and power supply (UK) ART16122: TCPConv 2 Kit Standard with 0.5m patch cable (RJ45) and power supply (JP)

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