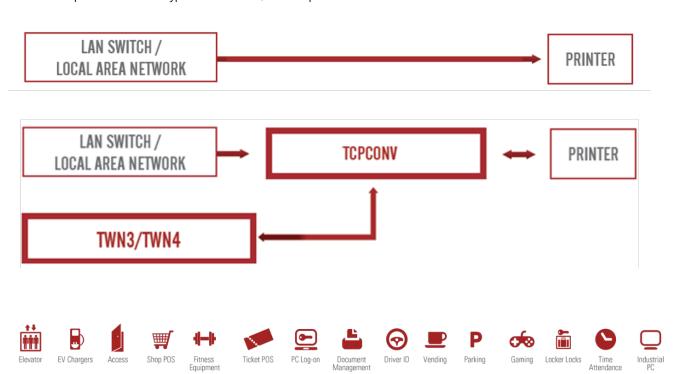# TCPCONV
USB/RS232 ETHERNET/SWITCH

TCPConv adds a device, which is equipped with a USB- or RS232-interface into your local area network (LAN). A typical application is the extension of a network device (i.e. a network printer) by a local peripheral device. Simply insert TCPConv into the existing LAN connection of your device. In order to do so, TCPConv contains 2 LAN ports, which operate as a network switch.

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

TECHNICAL DATA

HOUSING	ABS UL94-V0
DIMENSIONS (L X W X H)	82 mm x 65 mm x 25 mm / 3.23 inch x 2.56 inch x 0.98 inch
POWER SUPPLY	External power supply 5 V
CURRENT CONSUMPTION	Max. 800 mA depending on external load
TEMPERATURE RANGE	Operating: 0°C to +70°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
TRANSMISSION SPEED	10 / 100 Mbit/s Other features: Auto MDI/MDIX
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.
USB	Type: USB HOST Maximum current: 500 mA Supported devices: Elatec TWN3 and 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	Type: USB HOST Maximum current: 500 mA Supported devices: Elatec TWN3 and TWN4 transponder readers/writers
LAN COMMUNICATION PROTOCOLS	TCP, IPV4, DHCP, ARP, PING
MTBF	500,000 hours
WEIGHT	Approx. 85 g (without power supply)
CERTIFICATIONS	RoHS-II compliant, CE
ORDER CODE(S)	TC1K-BT1EU: TCPConv Kit with 0.5 m patch cable (RJ45) and power supply EU TC1K-BT1UK: TCPConv Kit with 0.5 m patch cable (RJ45) and power supply UK TC1K-BT1US: TCPConv Kit with 0.5 m patch cable (RJ45) and power supply US TC1K-BT1AUS: TCPConv Kit with 0.5 m patch cable (RJ45) and power supply AUS TC2K-BT1JP: TCPConv Kit with 0.5 m patch cable (RJ45) and power supply JP

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