

TCPCONV 2

USB/RS232-Ethernet Converter



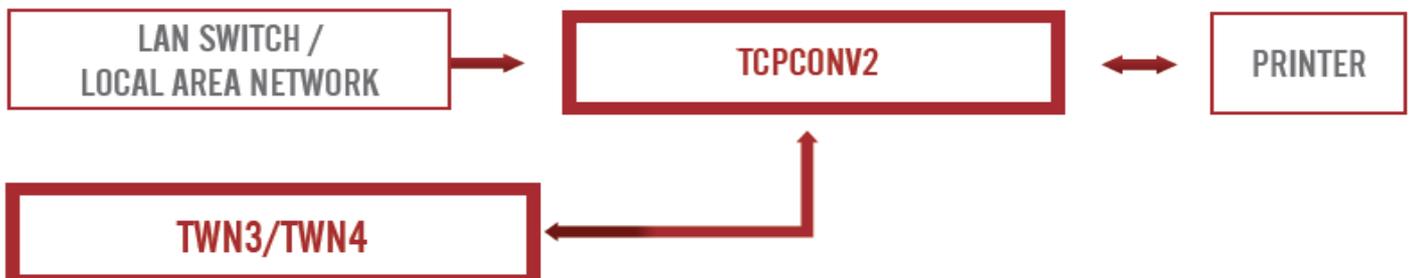
The Elatec TCPConv 2 enables card based features (such as authentication and pull printing) on devices that do not have support for the direct connection of a USB proximity card reader (i.e. single function printers).

The card reader connects directly to the TCPConv 2, which is connected to the printer. When a card is swiped, the TCPConv 2 sends the card data directly to the authentication server. In this way, the card data completely bypasses the single function printer. As a result, the TCPConv 2 can work with network printers from any printer manufacturer.

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:



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: 3A
Temperature Range	Operating: 0°C to +45°C (32°F to 113°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
USB	Type: 2.0 (One OTG and one Host) Maximum current: Mini-USB: 1.5A, USB-A: 0.5A Supported devices: Elatec TWN3 or TWN4 transponder readers/writers; all HID keyboard/CDC devices
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 Maximum current: 0.5A
Connectors	Ethernet: 2 x RJ45, 10/100BaseT USB: 1 x USB-A receptacle, 1 x Mini USB RS232: 1 x DSUB-9 Power: For plug 5.5mm/2.1mm
LAN Communication	Protocols: TCP, IPV4 (IPV6 on request), DHCP, SSL, Syslog Modes of Operation: TCP Server 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. For additional security the connection can be optionally SSL encrypted.
Certification	RoHS-II compliant, CE, FCC
MTBF	500,000 hours
Weight	Approx. 270g

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