# STE02
## Serial-Ethernet Converter

MG
Hardware & Software Engineering

- ➢ **STE02 changes any serial device into Ethernet device**
- ➢ **It is easy to integrate and manage**
- ➢ **10/100 Mbps Ethernet interface**
- ➢ **1 RS-232 serial port**
- ➢ **Remote configuration with any browser**
- ➢ **Alarm-based e-mail**
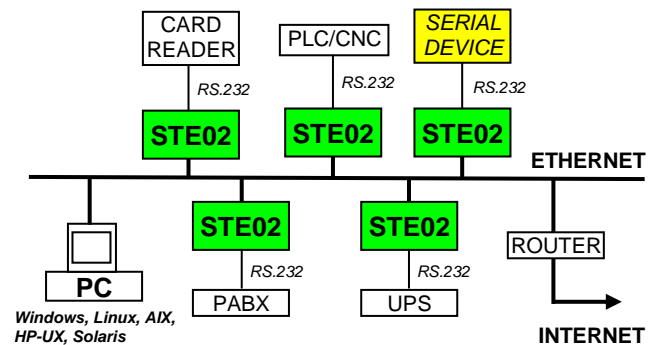- ➢ **Wide input power supply**



### Description

STE02 converter allows the connection of any serial device to an Ethernet network with TCP/IP protocol. Easy installation, configuration and management are the main features of this device, combined with the COM/TTY driver for main operating systems, make all software application, based on serial port, compatible the with Ethernet network access. STE02 can be configured with any browser. It can be set to send e-mail alert according to the recognition of a character sequence or the state of serial signals.

### Supported protocols

- TCP, UDP, IP, ARP, ICMP, DHCP, SMTP, SSL, HTTP, HTTPS, SNMP, LPD.
- Server and Client operative modes.

### Ethernet network connections

- RJ45 Auto-sensing 10/100 Mbps.

### Serial ports

- 1 RS.232 DTE asynchronous serial port on male DB9.
- Speed: from 50 to 230400 bps.
- Criteria: TXD, RXD, RTS, CTS, DTR, DSR.
- Data format: 5-6-7-8 bit; parity None, Even, Odd, Mark, Space; 1, 2 stop bit
- Flow control: XON/XOFF, RTS/CTS.

### Applications

- Access control, PLC, process control, CNC, telephone exchange, UPS, instrumentation.
- Serial Bridge on Ethernet (requires two STE02 devices), remote modem or serial devices on Ethernet.

### Supported operating systems

Driver COM/TTY for Windows, Linux, AIX, HP-UX, Solaris

### Other Features

- Power supply: 5-30 Vdc 1,5 W with external adapter.
- LED: link, activity, power.
- Operating temperature: -20°C ÷ +60 °C.
- Humidity: 5 ÷ 90 % (not condensing).
- Dimensions: 106x33x52 (LxHxW).
- Aluminium case.
- 15KV ESD protection on serial port.
- 1.5 KV insulation on Ethernet.
- CE type-approval.
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Rev. 10/11