

# CSE-H25

(Secure Serial Ethernet Converter)



## Overview

CSE-H25 is a RS232 to Ethernet converter with enhanced security protocols embedded. It basically supports conversion functions (serial to TCP/IP and vice versa) to enable your RS232 serial devices to be controlled and monitored over the network. This serial to Ethernet converter comes preloaded with various communication functions(DNS, DDNS, Telnet COM Port, etc.) and strong security functions(SSL, MAC/IP filtering, etc.), along with multi-monitoring that allows your serial device to be monitored by multiple hosts at the same time.

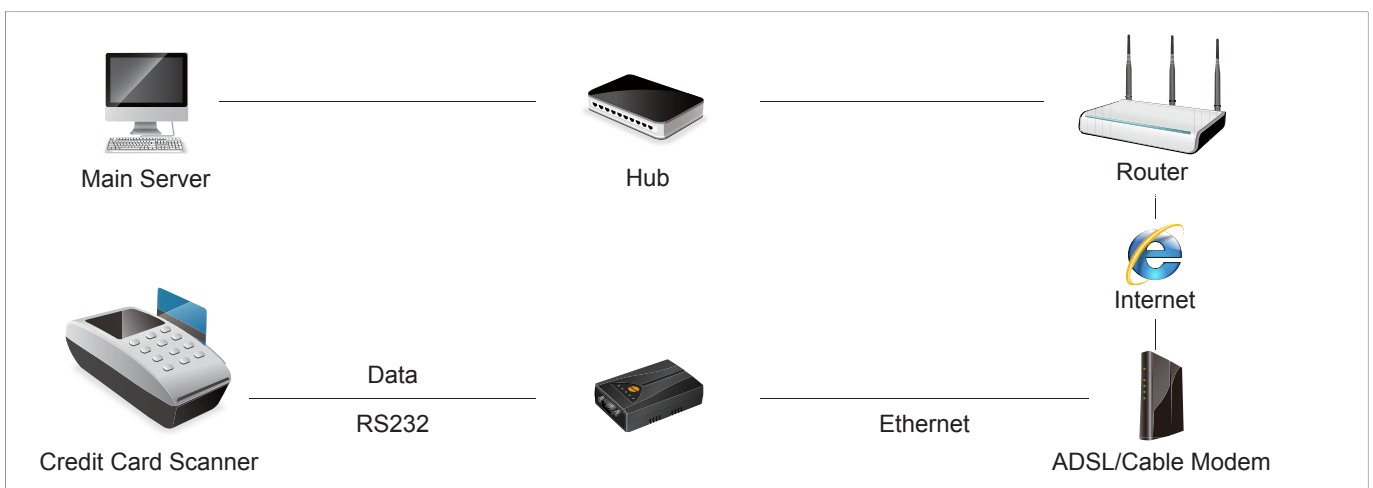
## Highlights

- RS232 to Ethernet Converter
- Multi-Monitoring in TCP server mode.  
(Maximum 8 channels)
- Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
- RS232 (D-sub 9pin Male, speed up to 230.4Kbps)
- Wide range of operating temperature (-40°C ~+85°C)
- Variety of monitoring status (SSL3.0/TLS1.0, SSH2.0)
- Separator settings for packet fragmentation

## Icons



## Applications



# Specifications

Serial Physical Interface	
Serial Interface	RS232
	RXD, TXD, RTS, CTS, DTR, DSR
Connector	1 x DB9M Connector
Serial Port Properties	
Baudrate	300bps ~ 230,400bps
Data Bits	5, 6, 7, 8 bits
Parity	None, Even, Odd, Mark, Space
Stop Bit	1, 1.5, 2
Network Physical Interface	
Network Interface	10Base-T/100Base-TX Ethernet (RJ45)
	Ethernet Speed Auto Sense
	1:1 or Cross-over Cable Auto Sense
Software Functions	
Protocols	TCP, UDP, IP, ICMP, ARP, Ethernet, TELNET
	TFTP, DHCP, PPPoE, DNS, DDNS
	Telnet COM Port Control Option (RFC 2217)
Security	SSL (Secure Socket Layer), SSH (Secure Shell)
	IP & MAC filtering - Restrict host or network
	Password for Configuring
Communication Mode	TCP Server (T2S)
	TCP Client (COD)
	TCP Server/Client with AT command (ATC) - Patent
	UDP Mode (U2S)
Additional Functions	Multi-monitoring (Max. 8 TCP connections simultaneously)
	TCP Server/Client mode
	Sending MAC address Option
Indicators (LEDs)	
Power	Red
Status	Yellow
Ethernet Link	Green
Ethernet RXD	Yellow
Ethernet TXD	Green
Management	
ezManager	Configuration and Monitoring Tool through Ethernet
Telnet	Telnet Login
AT Command	Configuring in ATC mode - Patent

Dimension	
Size	89.0mm x 57.0mm x 24.0mm
Operating Environment	
Input Voltage	DC 5V $\pm$ 0.5V
Current Consumption	200mA typical
Operating Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +85°C