

# CSE-H25

(Serial To Ethernet Device Server)



## 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.

CSE-H25 can be applied in various communication environments such as Secure Communication through the Internet, Multi Monitoring, Control PLC over Internet, etc.

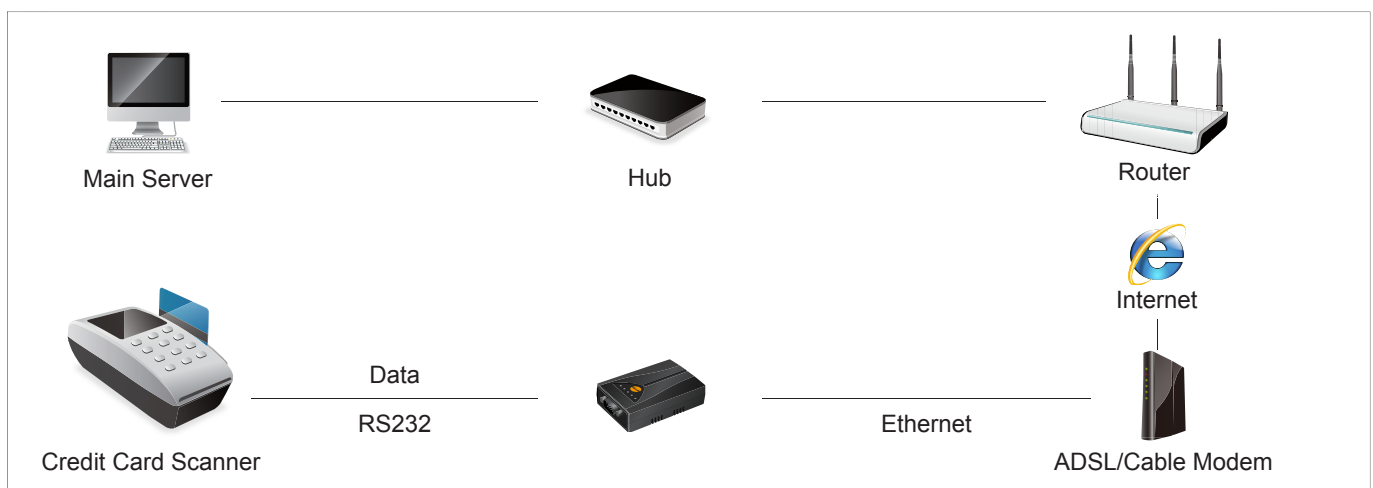
## Highlights

- Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
- Wide range of operating temperature (-40°C ~ +85°C, meet the industrial temperature range)
- RS232 (D-sub 9pin Male, speed up to 230.4Kbps)
- Wide range of operating temperature (-40°C ~ +85°C)
- Security Protocols : SSL3.0/TLS1.0, SSH2.0
- Separator settings for packet fragmentation

## Icons



## Application



# Specifications

## Serial Physical Interface

Serial Interface	1 x RS232 Port
	RXD, TXD, RTS, CTS, DTR, DSR
Connector	1 x DB9M Connector

## Serial Port Properties

Baudrate	300 bps ~ 230,400 bps
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 / Remote Debug Function
	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

### Supplementary Software

ezManager	Configuration Tool for Windows
ezVSP	Serial to Network Virtual Driver for Windows
ezTerm	Simple TCP/IP Communication Test Tool

### Dimension

Size	890mm x 570mm x 240mm
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### Operating Environment

Input Voltage	DC 5V $\pm$ 0.5V (Reverse Voltage Protection Function)
Current Consumption	200mA typical
Operating Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +85°C