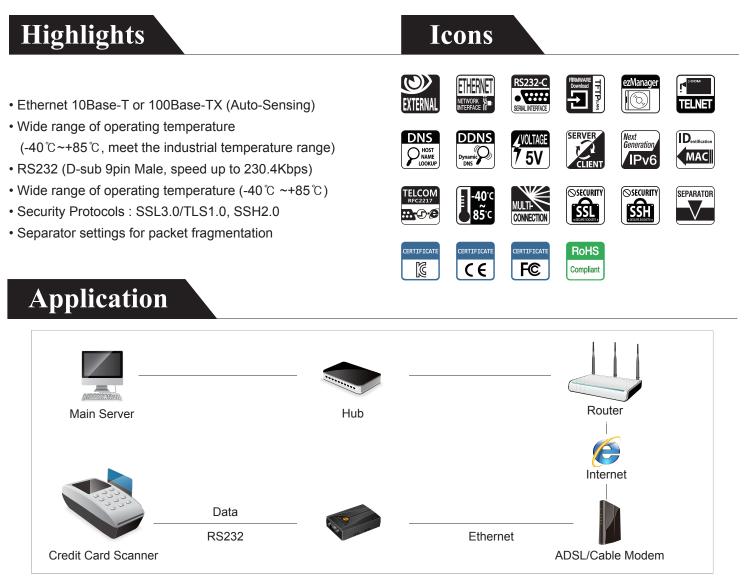
## **CSE-H25** (Serial To Ethernet Device Server)



## 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.



## Specifications

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     10Base-T/100Base-TX Ethernet (RJ45)       Ethernet Speed Auto Sense     1:1 or Cross-over Cable Auto Sense       Stop Bit     1:1 or Cross-over Cable Auto Sense       TCP, UDP, IP, ICMP, ARP, Ethernet, TELNET     TFIP, DHCP, PPPOE, DNS, DDNS       Telnet COM Port Control Option (RFC 2217)     SSL (Secure Socket Layer) / SSH (Secure Shell)       Security     IP & MAC filtering - Restrict host or network       Password for Configuring     TCP Server (T2S)       TCP Server (Client (COD)     TCP Server / Client Mode       Security     Multi Monitoring / Remote Debug Function       TCP Server / Client Mode     Sending MAC address Option       TCP Server / Client Mode     Sending MAC address Option       TCP Server / Below     Indicators (LEDs)       Power     Red       Status     Yellow       Ethernet Li	Serial Physical Interface		
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     Parily   None, Even, Odd, Mark, Space     Stop Bit   1, 1, 5, 2     Network Physical Interface   10Base-T/100Base-TX Ethernet (RJ45)     Ethernet Speed Auto Sense   1:1 or Cross-over Cable Auto Sense     1:1 or Cross-over Cable Auto Sense   1:1 or Cross-over Cable Auto Sense     Protocols   TCP, UDP, IP, ICMP, ARP, Ethernet, TELNET     TFP, DHCP, PPPOE, DNS, DDNS   Telnet COM Port Control Option (RFC 2217)     Security   IP & MAC filtering - Restrict host or network     Password for Configuring   TCP Server (T2S)     Communication Mode   TCP Server (T2S)     TCP Server (T2S)   TCP Server (Client With AT command (ATC) - Patent     UDP Mode (U2S)   Multi Monitoring / Remote Debug Function     Additional Functions   TCP Server / Client Mode     Status   Yellow     Ethernet Link   Green     Ethernet TXD   Yellow     Ethernet TXD   Yellow     Ethernet TXD   Yellow     Ethernet TXD	Serial Interface	1 x RS232 Port	
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     10Base-T/100Base-TX Ethernet (RJ45)       Ethernet Speed Auto Sense     1:1 or Cross-over Cable Auto Sense       TCP, UDP, IP, ICMP, ARP, Ethernet, TELNET     TFIP, DHCP, PPPG, DNS, DDNS       Telnet COM Port Control Option (RFC 2217)     SSL (Secure Socket Layer) / SSH (Secure Shell)       Security     IP & MAC filtering - Restrict host or network       Password for Configuring     TCP Client (COD)       TCP Server (T2S)     TCP Client (COD)       TCP Server/Client with AT command (ATC) - Patent     UDP Mode (U2S)       Multi Monitoring / Remote Debug Function     TCP Server / Client Mode       Sending MAC address Option     Indicators (LEDs)       Power     Red       Status     Yellow       Ethernet RXD     Yellow       Ethernet TXD     Green       Ethernet RXD     Yellow       Ethernet TXD     Green		RXD, TXD, RTS, CTS, DTR, DSR	
Baudrate300 bps ~ 230,400 bpsData Bits5, 6, 7, 8 bitsParityNone, Even, Odd, Mark, SpaceStop Bit1, 1.5, 2Network Physical Interface10Base-T/100Base-TX Ethernet (RJ45)Ethernet Speed Auto Sense1: or Cross-over Cable Auto SenseSoftware FunctionsTCP, UDP, IP, ICMP, ARP, Ethernet, TELNETTFIP, DHCP, PPPoE, DNS, DDNSTelnet COM Port Control Option (REC 2217)SSL (Secure Socket Layer) / SSH (Secure Shell)IP & MAC filtering - Restrict host or networkPassword for ContiguringTCP Client (COD)TCP Server (T2S)TCP Client With AT command (ATC) - PatentUDP Mode (U2S)Additional FunctionTCP Server / Client ModeSending MAC address OptionIndicators (LEDs)PowerRedStatusYellowEthernet LinkGreenManagementConfiguration and Monitoring Tool through EthernetTCP Client Login	Connector	1 x DB9M Connector	
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Parity   None, Even, Odd, Mark, Space     Stop Bit   1, 1.5, 2     Network Physical Interface   10Base-T/100Base-TX Ethernet (RJ45)     Ethernet Speed Auto Sense   1:1 or Cross-over Cable Auto Sense     1:1 or Cross-over Cable Auto Sense   5oftware Functions     Protocols   TCP, UDP, IP, ICMP, ARP, Ethernet, TELNET     Protocols   TCP, UDP, IP, ICMP, ARP, Ethernet, TELNET     Security   TEInet COM Port Control Option (RFC 2217)     Security   SSL (Secure Socket Layer) / SSH (Secure Shell)     IP & MAC filtering - Restrict host or network   Password for Configuring     TCP Server (T2S)   TCP Client (COD)     TCP Server (T2S)   TCP Client (COD)     TCP Server / Client with AT command (ATC) - Patent   UDP Mode (U2S)     Multi Monitoring / Remote Debug Function   TCP Server / Client Mode     Sending MAC address Option   Indicators (LEDs)     Power   Red     Status   Yellow     Ethernet TXD   Green	Baudrate	300 bps ~ 230,400 bps	
Stop Bit   1, 1, 5, 2     Network Physical Interface     Network Physical Interface     Network Physical Interface     Software Functions     Software Functions     TCP, UDP, IP, ICMP, ARP, Ethernet, TELNET     TEINE COM Port Control Option (RFC 2217)     SEL (Secure Socket Layer) / SSH (Secure Shell)     Security     IP & MAC filtering - Restrict host or network     Password for Configuring     TCP Colient (COD)     TCP Server (T2S)     TCP Server (Cleent with AT command (ATC) - Patent     UDP Mode (U2S)     Additional Functions   TCP Server / Client Mode	Data Bits	5, 6, 7, 8 bits	
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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			
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	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	
Operating Environment		
Input Voltage	DC 5V ±0.5V (Reverse Voltage Protection Function)	
Current Consumption	200mA typical	
Operating Temperature	-40 °C ~ +85 °C	
Storage Temperature	-40°C ~ +85°C	