

Data Sheet

# CSE-H53N | Industrial RS232 Ethernet Device Server



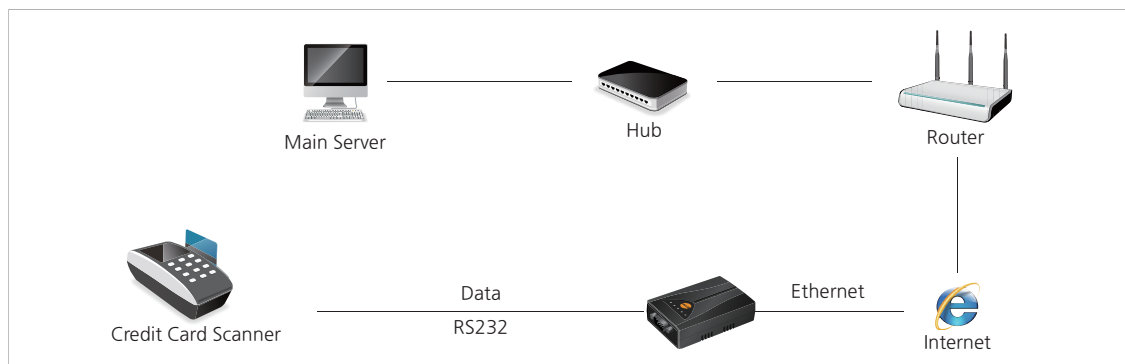
## Overview

CSE-H53N是基于IPv6的串行↔以太网通信服务器。CSE-H53N支持-40°C~+85°C的工业用温度参数。另外，内置了DNS/DDNS、Telnet COM Port Control Option等功能，适用于多样的通信环境。

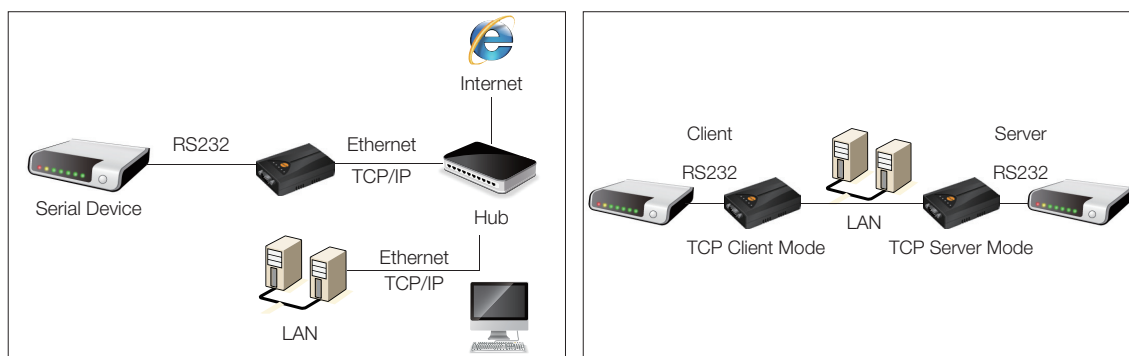
## Features

- IPv4/ IPv6双协议栈
- 自动设定Stateless/Stateful (DHCPv6) 地址
- IPv6 fragmentation
- ICMPv6, TCPv6, UDPv6
- Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
- RS232 (D-sub 9pin Male, 最大 230.4Kbps)
- 工业用温度参数 (-40°C~+85°C)
- 强大的通信状态检测功能 (ezManager, TELNET)
- 分隔字符串功能

## Applications



## System Diagram



## Specifications

<b>Serial Physical Interface</b>	
<b>Serial Interface</b>	RS232
	RXD, TXD, GND, RTS, CTS
<b>Connector</b>	9 pin D-sub male
<b>Serial Port Properties</b>	
<b>Baudrate</b>	300 bps ~ 230,400 bps
<b>Data Bits</b>	8 bits, 7bits with parity
<b>Parity</b>	None, Even, Odd, Mark, Space
<b>Stop Bit</b>	1 , 1.5, 2
<b>Network Physical Interface</b>	
<b>Network Interface</b>	10Base-T/100Base-TX Ethernet (RJ45)
	Ethernet Speed Auto Sense
	1:1 or Cross-over Cable Auto Sense
<b>Software Functions</b>	
<b>Protocols</b>	IPv4/IPv6 dual stack, ICMPv6/TCPv6/UDPv6, TELNET
	TCP, UDP, IP, ICMP, ARP / DHCP, PPPoE, DNS, DDNS
	Telnet COM Port Control Option (RFC 2217)
<b>Security</b>	SSL (Secure Socket Layer)
	IP & MAC filtering - Restrict host or network
	Password for Configuring
<b>Communication Mode</b>	TCP Server (T2S)
	TCP Client (COD)
	TCP Server/Client with AT command (ATC) - Patent
	UDP Mode (U2S)
<b>Additional Functions</b>	Separator settings for packet fragmentation
	TCP Server/Client Mode
	Sending MAC address Option
<b>Indicators (LEDs)</b>	
<b>Power</b>	Red
<b>Status</b>	Yellow
<b>Ethernet Link</b>	Green
<b>Ethernet RXD</b>	Yellow
<b>Ethernet TXD</b>	Green
<b>Serial RXD</b>	Yellow
<b>Serial TXD</b>	Green
<b>Management</b>	
<b>ezManager</b>	Configuration and Monitoring Tool through Ethernet
<b>TELNET</b>	Telnet Login
<b>AT Command</b>	Configuring in ATC mode - Patent
<b>Supplementary Software</b>	
<b>ezManager</b>	Configuration Tool for Windows
<b>ezVSP</b>	Serial to Network Virtual Driver for Windows
<b>ezTerm</b>	Simple TCP/IP Communication Test Tool
<b>Dimension</b>	
<b>Size</b>	89.0mm x 57.0mm x 24.0mm
<b>Operating Environment</b>	
<b>Input Voltage</b>	DC 5V ±0.5V
<b>Protection</b>	Over Current Protection / Reverse Voltage Protection / Surge Protection
<b>Current Consumption</b>	200mA typical
<b>Operating Temperature</b>	-40 °C ~ +85 °C
<b>Storage Temperature</b>	-40 °C ~ +85 °C