

데이터시트

CSE-H53N | Industrial RS232 Ethernet Device Server



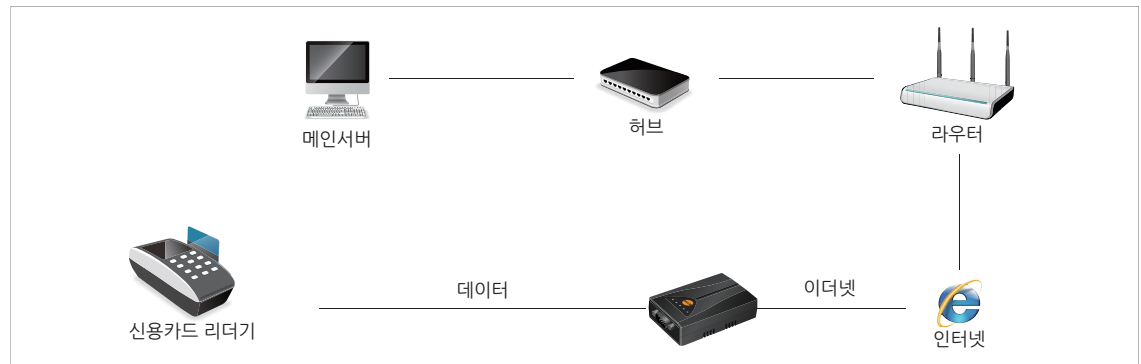
Overview

CSE-H53N은 IPv6 기반의 시리얼↔이더넷 변환기입니다. CSE-H53N은 -40°C~+85°C의 산업용 온도 사양을 지원합니다. 또한 DNS/DDNS, Telnet COM Port Control Option등의 기능을 내장하여 다양한 통신환경에서 적용이 가능합니다.

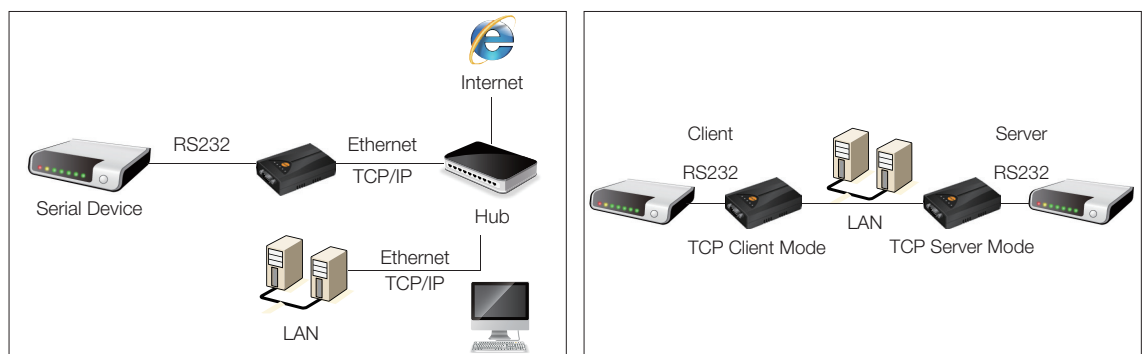
Features

- IPv4 / IPv6 이중 스택
- Stateless / Stateful (DHCPv6) 주소 자동설정
- IPv6 fragmentation
- ICMPv6, TCPv6, UDPv6
- Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
- RS232 (D-sub 9pin Male, 최대 230.4Kbps)
- 산업용 온도 사양 (-40°C~+85°C)
- 강력한 통신 상태 점검 기능 (ezManager, TELNET)
- 패킷 분할 구분문자 설정 기능

Applications



System Diagram



Specifications

Serial Physical Interface	
Serial Interface	RS232
	RXD, TXD, GND, RTS, CTS
Connector	9 pin D-sub male
Serial Port Properties	
Baudrate	300 bps ~ 230,400 bps
Data Bits	8 bits, 7bits with parity
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	IPv4/IPv6 dual stack, ICMPv6/TCPv6/UDPv6, TELNET
	TCP, UDP, IP, ICMP, ARP / DHCP, PPPoE, DNS, DDNS
	Telnet COM Port Control Option (RFC 2217)
Security	SSL (Secure Socket Layer)
	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	Separator settings for packet fragmentation
	TCP Server/Client Mode
	Sending MAC address Option
Indicators (LEDs)	
Power	Red
Status	Yellow
Ethernet Link	Green
Ethernet RXD	Yellow
Ethernet TXD	Green
Serial RXD	Yellow
Serial 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	89.0mm x 57.0mm x 24.0mm
Operating Environment	
Input Voltage	DC 5V ±0.5V
Protection	Over Current Protection / Reverse Voltage Protection / Surge Protection
Current Consumption	200mA typical
Operating Temperature	-40℃ ~ +85℃
Storage Temperature	-40℃ ~ +85℃