

데이터시트

# CSE-H55N | Industrial RS422/RS485 Ethernet Device Server



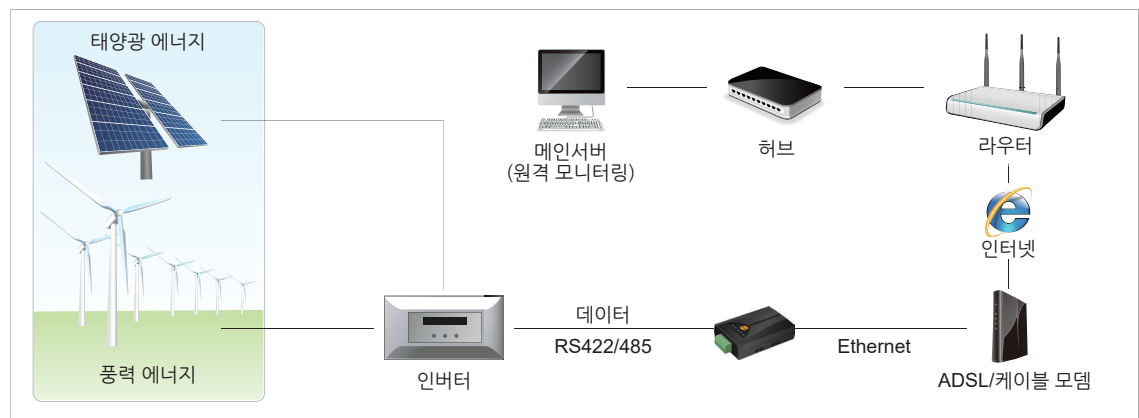
## Overview

CSE-H55N은 IPv4뿐만 아니라 IPv6를 지원하는 듀얼스택 기반의 시리얼↔이더넷 변환기입니다. RS422, RS485 인터페이스 및 -40°C~+85°C의 온도 사양을 지원하고, DNS/DDNS등의 기능을 내장하여 다양한 통신환경에서 적용이 가능합니다.

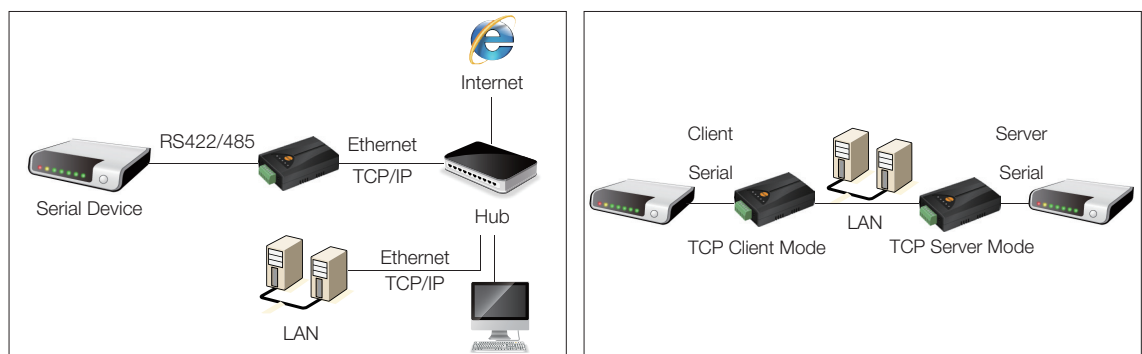
## Features

- IPv6 지원 (IPv4 / IPv6 듀얼스택)
- Stateless / Stateful (DHCPv6) 주소 자동설정
- IPv6 fragmentation
- ICMPv6, TCPv6, UDPv6
- Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
- RS422/RS485 (Terminal Block)
- 산업용 온도 사양 (-40°C~+85°C)
- 강력한 통신 상태 점검 기능 (ezManager, TELNET)
- 구분자 기능

## Applications



## System Diagram



# Specifications

<b>Serial Physical Interface</b>	
<b>Serial Interface</b>	RS422 / RS485
	TX+, TX-, GND, RX+, RX-, GND / TRX+, TRX-, GND
<b>Connector</b>	3.5mm Pitch Terminal Block
<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
	TCP, UDP, IP, ICMP, ARP, TELNET
	DHCP, PPPoE, DNS, DDNS
<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>	94mm x 57mm x 24mm
<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>	190mA typical
<b>Operating Temperature</b>	-40°C ~ +85°C
<b>Storage Temperature</b>	-40°C ~ +85°C