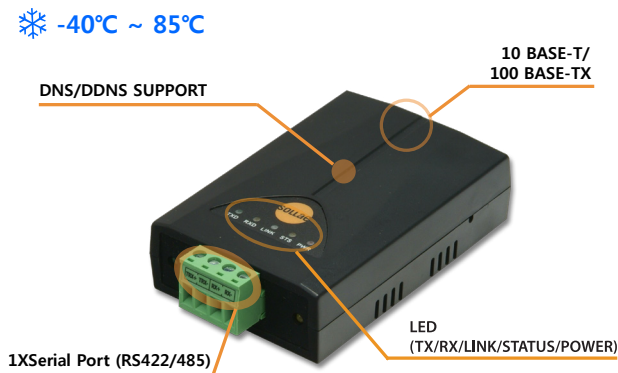
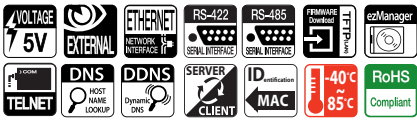


CSE-H55

(RS-422/485 Ethernet Converter)



Overview

CSE-H55是将 RS422 或 RS485 串口设备连接到以太网的串口<-->以太网的转换器。

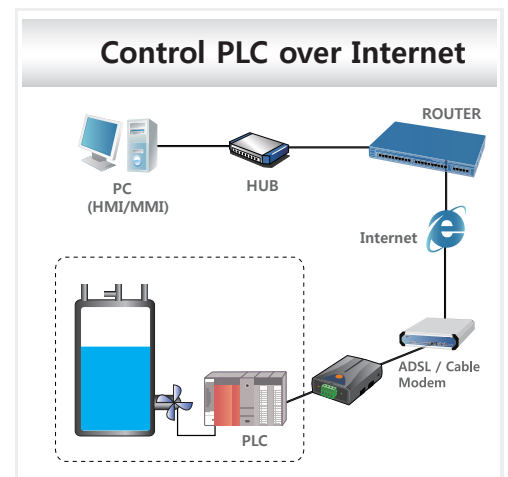
CSE-H55支援-40°C~+85°C的温度参数可适用于多样的温度环境中。

另外,强大的调试功能, DNS, DDNS等多种通信技能, 适用于多样的通信环境。

Highlights

- 10Base-T or 100Base-TX 以太网络 (自动检测)
- RS422/RS485 (Terminal Block)
- 工业用温度参数 (-40°C~+85°C)
- 强大的检测通信状态功能 (debugging mode, ezManager, TELNET)
- 支援DHCP, PPPoE (可以在流动IP环境下使用)
- 支援多样化的HOST连接模式 (TCP 服务器, TCP客户端, UDP)
- 利用AT命令而控制的通信技能及提供设定功能 (专利)
- Host name lookup 功能 (DNS)
- 在流动IP环境下, 通过HOST可作为服务器使用 (DDNS)
- 流动IP环境下通报 (DDNS) IP地址功能
- 提供使用简单的远程设定实用程序 (ezManager)
- 无偿提供用于PC用串口<-->TCP/IP的虚拟系统 (ezVSP)
- 提供通过以太网端口固件升级的功能
- 遵守欧洲环境法规RoHS的环保产品

Applications



Specifications

* Serial Physical Interface

Serial Interface
RS422 / RS485
TX+, TX-, RX+, RX- / TRX+, TRX-
Connector
5mm Pitch Terminal Block

* Serial Port Property

Baudrate
300 bps ~ 230,400 bps
Data Bits
5, 6, 7, 8 bits
Parity
None, Even, Odd, Mark, Space
Stop Bit
1, 2

* Network Physical Interface

Network Interface
10Base-T/100Base-TX Ethernet (RJ-45)
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
Security
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
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
Serial RXD
Yellow
Serial TXD
Green

* Processors

CPU
ARM Cortex-M3 Core
ROM
64K bytes Flash Memory
RAM
16K bytes SRAM

* 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
hotflash
Firmware Upgrade Utility for Windows

* Dimension

Size
94mm x 57mm x 24mm
Body Netweight
about 66g

* Operating Environment

Input Voltage
DC 5V ±0.5V
(Reverse Voltage Protection Function)
Protection
Over Current Protection
Reverse Voltage Protection
Power Consumption
110mA typical
Operating Temperature
-40°C ~ 85°C
Storage Temperature
-40°C ~ 85°C

* Approvals

CE
F690501/SP-EMY000313
KCC
SLS-CSE-H55 (A)

* Emissions

EN55022:2006 (Class A)
EN61000-3-2:2006
EN61000-3-3:1995/A1:2001/A2:2005

Immunity

IEC61000-4-2:1995/A1:1998/A2:2001
IEC61000-4-3:2006
IEC61000-4-4:2004
IEC61000-4-5:2006
IEC61000-4-6:2007
IEC61000-4-11:2004

System Diagram

