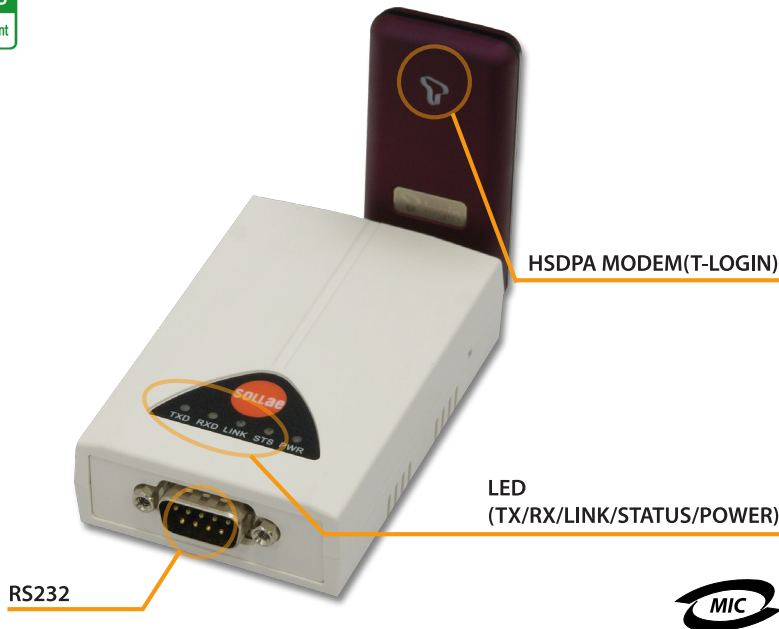
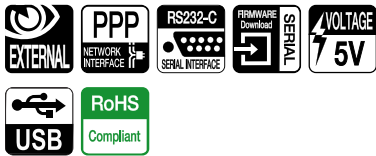


# CSP-H50

## (Serial PPP Converter)



## Overview

CSP-H50是通过 CDMA, HSDPA等 PPP网远程收发数据的PPP用串口转换器。

CSP-H50连接到现有设备中,在不改变现有软件系统下可以方便的连接到网络。

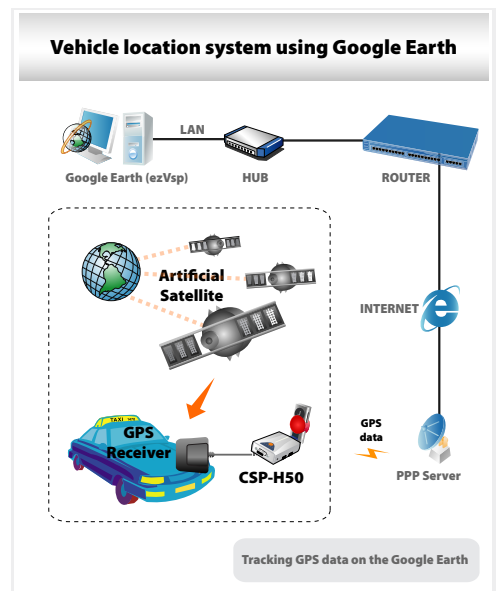
换句话说在TCP/IP 协议下传送数据时,自动处理数据,将没有TCP/IP技能的使用者设备轻松连接到因特网中。

CSP-H50是通过CDMA, HSDPA与因特网联接,故适用在有线网络连接困难的情况下。

## Highlights

- 在 HSDPA或CDMA网络环境远程监测、管理和控制
- PPP 用串口联网器
- 一个RS232端口(最高支援115,200bps , DB9-M接口)
- 1个USB端口(连接到CDMA, HSDPA 手机及终端等)
- 支援USB Communication Class
- 支援TCP客户端连接模式
- 利用串口端口的调试技能
- 支援使用简单并多样化的环境设定及通信技能的命令
- PC 用串口<->TCP/IP 虚拟驱动(ezVSP)无偿提供
- 提供通过以太网端口固件升级的技能
- 遵守欧洲环境法规RoHS的环保产品

## Applications



## Specifications

### \*Serial Physical Interface

#### Serial Interface

1 x RS232 Port  
RXD, TXD, RTS, CTS, DTR, DSR  
±15KV ESD Protection

#### Connector

DB9M Connector

### \*Serial Port Property

#### Baudrate

1200 bps ~ 230400 bps (fixed)

#### Data Bits

8 bits

#### Parity

None

#### Stop Bit

1 Bit

#### Flow Control

RTS/CTS Hardware

### \* Network Physical Interface

#### Network Interface

USB Host / USB Communication Class PPP

### \* Software Functions

#### Protocols

TCP, UDP, IP, ICMP, PPP

#### Security

PAP, CHAP

#### Communication Mode

TCP Client - Auto Mode

TCP server - Manual Mode

TCP client - Manual Mode

UDP - Manual Mode

ICMP (ping) - Manual Mode

### \* Processors

#### CPU

Atmel AVR

#### ROM

128K bytes Flash Memory

#### RAM

4K bytes SRAM

### \* Supplementary Software

#### ezTerm

Simple TCP/IP Communication Test Tool

#### uflash

Firmware Upgrade Utility for Windows

#### ezVSP

Serial to Network Virtual Driver for Windows

### \* Dimension

#### Size

89mm x 57mm x 24mm

#### Body Netweight

about 65g

### \* Operating Environment

#### Input Voltage

DC 5V

#### Power Consumption

44mA typical (except USB modem)

330mA typical

(including USB modem, It depends on USB modem)

#### Operating Temperature

0 °C ~ 55 °C

#### Storage Temperature

-40 °C ~ 85 °C

### \* Approvals

#### MIC:

SLS-CSP-H50(A)

### \* Emissions

KN22

### \* Immunity

KN61000-4-2

KN61000-4-3

KN61000-4-4

KN61000-4-5

KN61000-4-6

KN61000-4-11

## System Diagram

