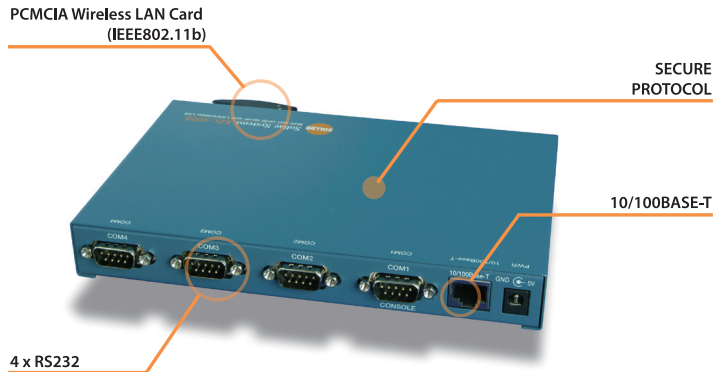


EZL-400S

(4 Port Serial Ethernet Converter)



Overview

EZL-400S 是为了在以太网或因特网上可以远程控制及管理最多可以为4个串口设备提供连接的外置型 串口<->以太网的转换器。

将 EZL-400S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。不仅如此，由于连接到了因特网，故可以将现有的串口设备的通信距离进行扩张。

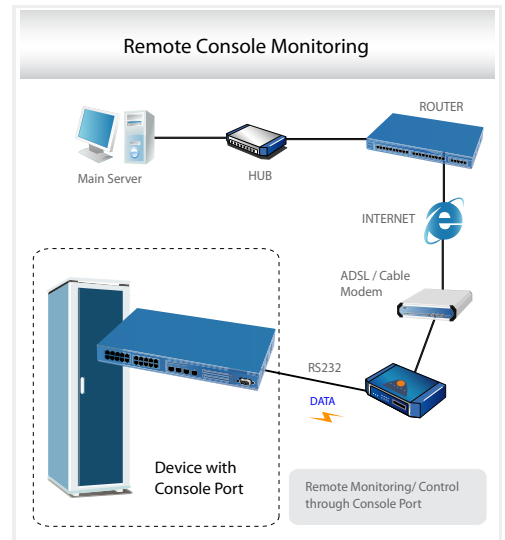
EZL-400S有4个RS232串口接口，支持EAP与SSL保安协议故也支持要求较高保安水准的无线系统中。

适合在网络控制服务器，终端服务器等多种领域应用。

Highlights

- 10Base-Tor100Base-TX以太网络 (自动检测) 或无线局域网 (支持IEEE802.11b协议)
- 自动搜索10M/100M网，自动监视局域网1:1/交叉电线
- 支援4个RS232端口(最高 115,200bps, DB9-M 接口)
- 支援 Infrastructure, Ad-hoc 无线网络结构
- 强力的安全功能 (SSL3.0/TLS1.0, Password)
- 支援EAP-MD5 在 NESPOT 连接网络功能
- 支持 DHCP, PPPoE (适用于流动IP环境)
- 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)
- 提供使用简单的远程设定实用程序 (ezConfigMP)
- 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

4 x RS232 ports
RXD, TXD, RTS, CTS
±15KV ESD Protection
Connector
DB9M DTE Connector

*Serial Port Property

Data Rate
600 bps ~ 115200 bps
Data Bits
5, 6, 7, 8 bits
Parity
None, Even, Odd
Stop Bit
1 or 2
Flow Control
RTS/CTS Hardware

* Network Physical Interface

Ethernet

RJ45 (10Base-T/100Base-TX Ethernet)
Ethernet Speed Auto Sense
1:1 or Cross-over Cable Auto Sense
1000 VAC Isolation

Wireless LAN

3.3V, 16bit PC Card Socket
Intersil PRISM compliant chipset card support
IEEE802.11b, infrastructure/adhoc, WEP

* Software Functions

Protocols

TCP, UDP, IP, ICMP, ARP, Ethernet,
IEEE802.11b EAP, TELNET, TFTP, DHCP, PP-
PoE, SSL3.0/TLS1.0,

Security

WEP
SSL (Secure Socket Layer)
Password for Configuring

Communication Mode

TCP server (T2S)
TCP client (COD)
TCP server/client with AT command (ATC)
UDP mode (U2S)

Operating System

MIC RTOS

* Indicators(LEDs)

Power

Red

Link

Ethernet, wireless LAN

Status LED

4 x Status LEDs

Ethernet

RXD, TXD

Serial

4 x RXD, 4 x TXD

* Processors

CPU
ARM7 Core
ROM
256K bits Flash Memory
RAM
2M bits SDRAM

* Management

ezConfigMP

Configuration and Monitoring Tool through Ethernet

Telnet

Telnet Login

AT Command

Configuring in ATC mode

* Supplementary Software

ezConfigMP

Configuration Tool for Windows

ezConfigMP Library

The Library of ezConfigMP for VC++

ezVSP

Serial to Network Virtual Driver for Windows

ezTerm

Simple TCP/IP Communication Test Tool

hotflash

Firmware Upgrade Utility for Windows

* Dimension

Size

190mm x 126mm x 26mm

Body Netweight

about 527g

* Operating Environment

Input Voltage

DC 5±0.5V

Power Consumption

500mA typical

Operating Temperature

0 °C ~ 55 °C

Storage Temperature

-40 °C ~ 85 °C

* Approvals

CE

F690501/LF-EMC001151

MIC

E-E900-05-4293 (A)

* Emissions

EN55022:1998/A1:2000/A2:2003 (Class A)

EN61000-3-2:2000

EN61000-3-3:1995/A1:2001

EN55024:1998/A1:2001/A2:2003

* Immunity

IEC61000-4-2:1995/A1:1998/A2:2000

IEC61000-4-3:1995/A1:1998/A2:2000

IEC61000-4-4:1995/A1:2000/A2:2001

IEC61000-4-5:1995/A1:2000

IEC61000-4-6:1996/A1:2000

IEC61000-4-11:1994/A1:2000

System Diagram

