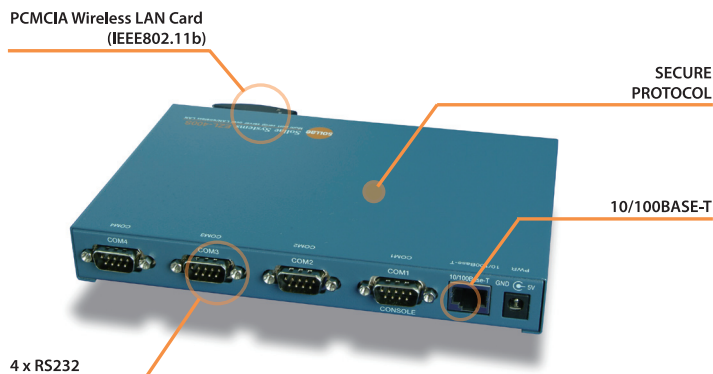


EZL-400S

(4 Port Serial Ethernet Converter)



Highlights

- RS232 to Ethernet and Wireless LAN Converter
- 10/100Base-T Ethernet, auto MDI/MDIX
- IEEE802.11b : PCMCIA Wireless LAN card interface
- 4 x RS232 (D-SUB 9pin Male, up to 115.2Kbps)
- Access Restriction : IP filtering, Password
- Security Protocols : SSL3.0/TLS1.0
- Wireless LAN authentication : WEP, EAP-MD5
- Flexible configuration and network communication by 'AT Commands' (patent)
- 4 Communication modes (TCP server, TCP client, AT Command and UDP)
- DHCP and PPPoE
- Firmware upgrade through Network
- Powerful configuration software for Windows OS (ezConfigMP)
- Virtual COM Port Redirector for Windows OS (ezVSP)
- Environmentally-friendly RoHS compliant

Overview

EZL-400s is a product for manufacturers who want to easily and economically add Ethernet and Wi-Fi connectivity in their system.

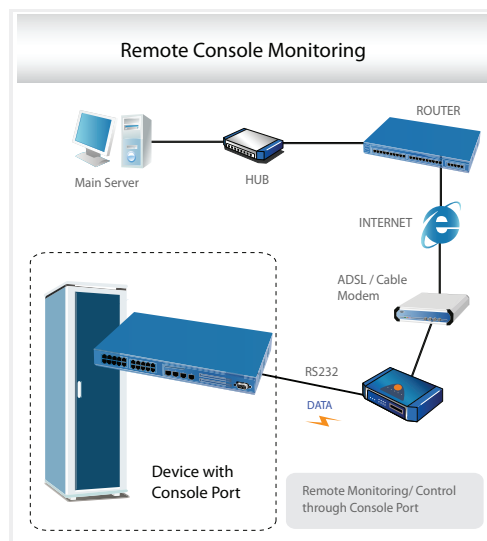
This product helps your RS232 system get network connectivity with just serial connection.

Applying this product, not only you can reduce cost and risk, but also you can shorten development time to add the network capability.

Because EZL-400s allows to extend the distance of your serial communication system, you are able to remotely control and monitor the serial devices over the Internet anywhere you are.

Since EZL-400s has four D-SUB connectors, it could be an ideal solution for environments where multiple serial devices are used.

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 Win-
dows
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

