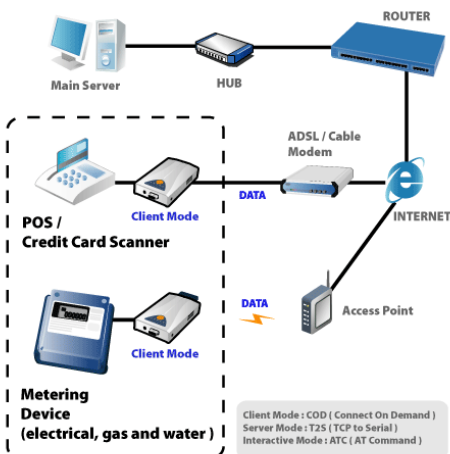


Secure Serial Wireless Converter **EZL-300S**

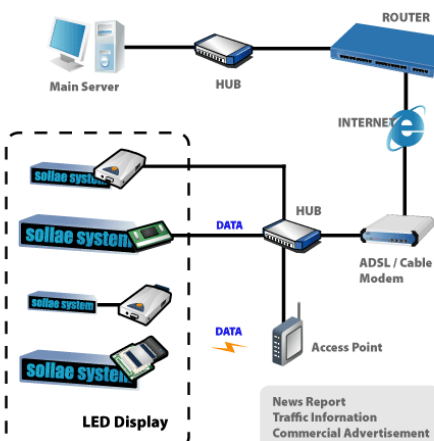
EZL-300S

Application Examples

Typical Applications



Advertisement System



- Wireless Access, Monitor, Manage and Control devices over wireless LAN
- Supports RS232/RS422/RS485 Communication
- Powerful security function : SSL3.0/TLS1.0, SSH2.0, IP filtering, Password
- Supports multi monitoring function (maximum 8 channels)
- Supports INFRASTRUCTURE & AD-HOC
- Supports DHCP
- Supports EAP-MD5
- Supports variety of TCP/UDP host connecting modes
- AT commands to control network connection
- Easy configuration utility via serial and network (ezSerialConfig, ezConfig)
- Virtual COM Port Redirector (ezVSP) included
- Supports RFC2217, Telnet COM Port Control protocol
- Firmware is upgradable through the network
- Environmentally-friendly RoHS compliant

EZL-300S is a wireless converter for serial devices.

It adds network connectivity to your devices by processing TCP/IP protocol which is required to send and receive data over the Internet.

EZL-300S also makes it possible to extend the distance of serial communications without any change of your legacy systems or replace direct serial connection.

This is a simple and easy way to bring the advantages of remote control and management to your serial devices.

By using EZL-300S, your devices can be wirelessly controlled, managed and monitored over the Internet.

Additionally, EZL-300S supports secure data communications and Telnet COM Port Control Protocols and Multi-Monitoring so that you can use it for various applications.



Sollae Systems Co., Ltd.

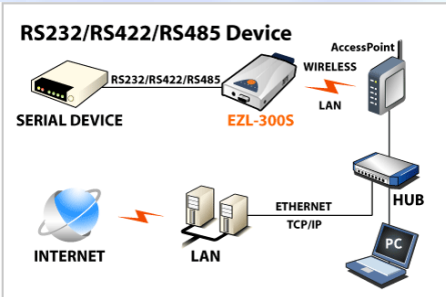
<http://www.sollae.co.kr> Tel +82-32-245-2323 Fax +82-32-245-2327

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General Information : ezTCP@sollae.co.kr Sales&Distribution : sales@ezTCP.com Technical Support : support@sollae.co.kr

Secure Serial Wireless Converter **EZL-300S**

System Diagram



Specifications

* Serial Interface :

RS232 - RXD, TXD, RTS, CTS, DTR, DSR, RI, DCD
RS422 - RX+, RX-, TX+, TX-
RS485 - RT+, RT-

Interface Type is selectable by Software
±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, Xon/Xoff Software

* Network Physical Interface

Wireless LAN :

16 bit PC Card Socket

Intersil PRISM compliant chipset card support
IEEE802.11b, infrastructure/adhoc, WEP

* Software Functions

Protocols :

TCP, UDP, IP, ICMP, ARP, TELNET, IEEE802.11b
TFTP, DHCP, EAP, SLIP, SSL3.0/TLS1.0, SSH

Security :

Secure Communication Function (SSL)
Secure Login (SSH)

IP filtering - Restrict host or network
Password for Configuring

Communication Mode :

TCP server (T2S)

TCP client (COD)

TCP server/client with AT command (ATC)

UDP mode (U2S)

Additional Functions :

Multi Monitoring - maximum 8 hosts (T2S Mode)

Telnet COM Port Control Option (RFC2217)

Compliant)

Simple Gateway Function (Connecting two
Ethernet networks)

Operating System: MIC RTOS

* Indicators(LEDs)

Power: Red

Status: Yellow, The current status

wireless LAN Link : Green

wireless LAN RXD: Yellow

wireless LAN TXD: Green

* Processors

CPU: ARM7 Core

ROM: 256K bits Flash Memory

RAM: 2M bits SDRAM

* Management

ezConfig: Configuration and Monitoring Tool
through Ethernet

ezSerialConfig: Configuration Tool through serial
AT Command: Configuring in ATC mode

* Supplementary Software

ezConfig: Configuration Tool for Windows

ezConfig Library: The Library of ezConfig for
VC++, VB, Java, and Linux

ezVSP: Serial to Network Virtual Driver for
Windows

ezTerm: Simple TCP/IP Communication Test Tool

hotflash - Firmware Upgrade Utility for Windows

* Dimension

Size: 136mm x 83mm x 29mm

Body Netweight: about 140g (except wireless
LAN card)

* Operating Environment

Input Voltage: DC 5±0.5V

Power Consumption: 320mA typical

Operating Temperature: 0 °C ~ 55°C

* Approvals

CE: F690501/LF-EMC001106

FCC: E-E013-05-3593 (A)

MIC: FCC Part 15, Subpart B, Class 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

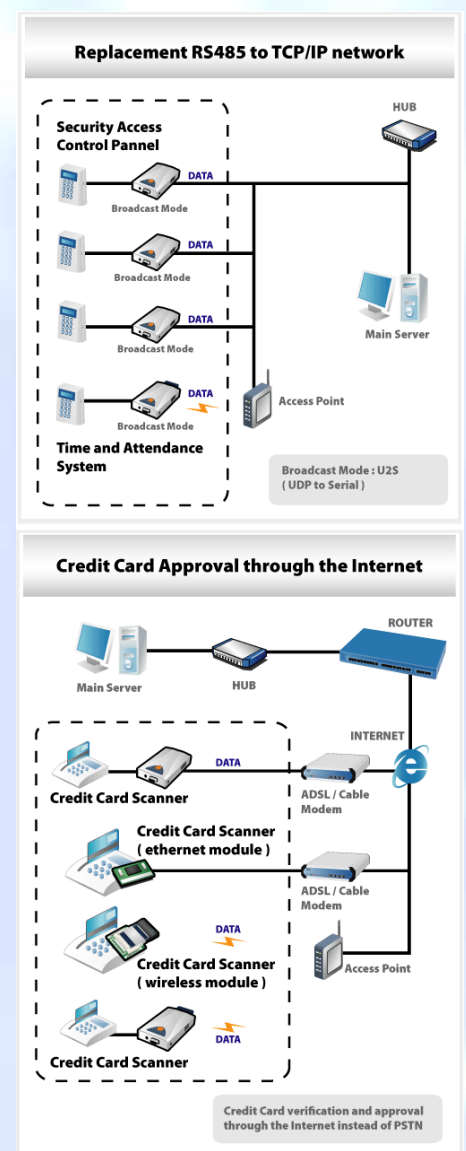
IEC61000-4-4:1995/A1:2000/A2:2001

IEC61000-4-5:1995/A1:2000

IEC61000-4-6:1996/A1:2000

IEC61000-4-11:1994/A1:2000

Application Examples



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