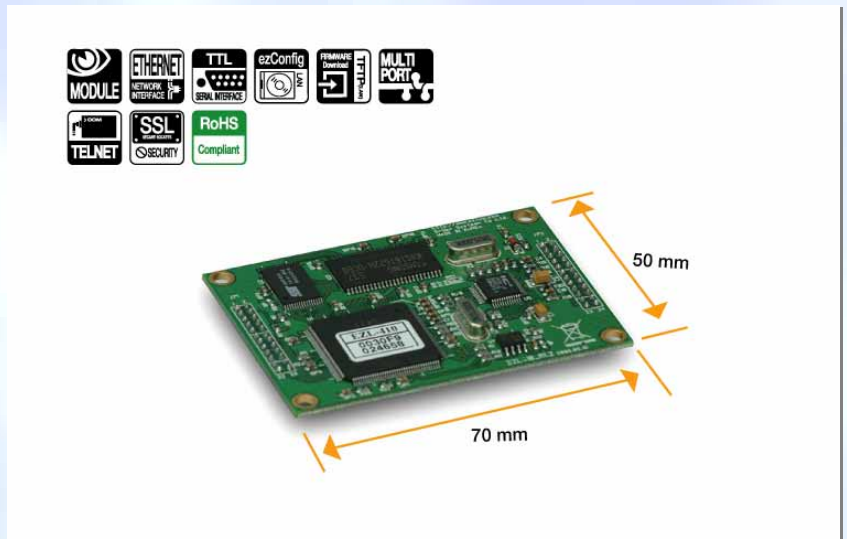


Easy Way to the
INTERNET

EZL-410



- Access, Monitor, Manage and Control devices over a network or the internet
- Four 3.3V TTL UART Interface
- 10/100Base-T Ethernet Interface
- Powerful security function : SSL3.0/TLS1.0, Password
- Supports DHCP and PPPoE for xDSL connection
- Supports variety of TCP/UDP host connecting modes
- AT commands to control network connection
- Easy configuration utility via network (ezConfigMp)
- Virtual COM Port Redirector (ezVSP) included
- Firmware is upgradable through the serial port or network
- Environmentally-friendly RoHS compliant

EZL-410 is a module for manufacturers who want to embed Ethernet connectivity in their products quickly and easily.

The compact EZL-410 module adds network connectivity to your devices with a serial interface on its host microcontroller.

It reduces cost and risk and shortens development time to add networking capability as a standard feature.

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

EZL-410 also makes it possible to extend the distance of serial communications without any change of your legacy systems or replace direct serial connection.

So your devices can be remotely controlled, managed and monitored over the Internet.

Because it has four UART interfaces, it is ideal for various applications.



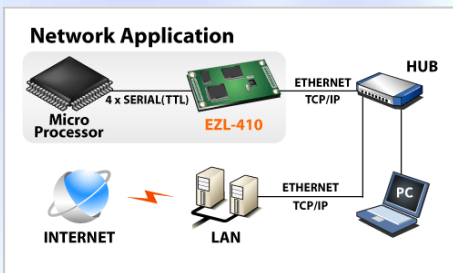
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System Diagram



Specifications

*Serial Physical Interface

Serial Interface :

4 x TTL ports (3.3V)

RXD, TXD, RTS, CTS

Connector : 2x12 2mm pitch male header

*Serial Port Property

Data Rate: 1200 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 :

2x12 2mm pitch male header

10Base-T/100Base-TX

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, SSL3.0/TLS1.0,

Security :

Secure Communication Function (SSL)

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)

Link : Ethernet

Status LED : 4 x Status LEDs

Ethernet : Link, Full duplex, 10M, 100M

* Processors

CPU: ARM7 Core

ROM: 256K bytes Flash Memory

RAM: 2M bytes 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: 70mm x 50mm x 9mm

Body Netweight: about 18g

* Operating Environment

Input Voltage: 3.3V

Power Consumption: 300mA typical

Operating Temperature: 0 °C ~ 55°C



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