

# EZL-200F | Secure Serial Ethernet Converter



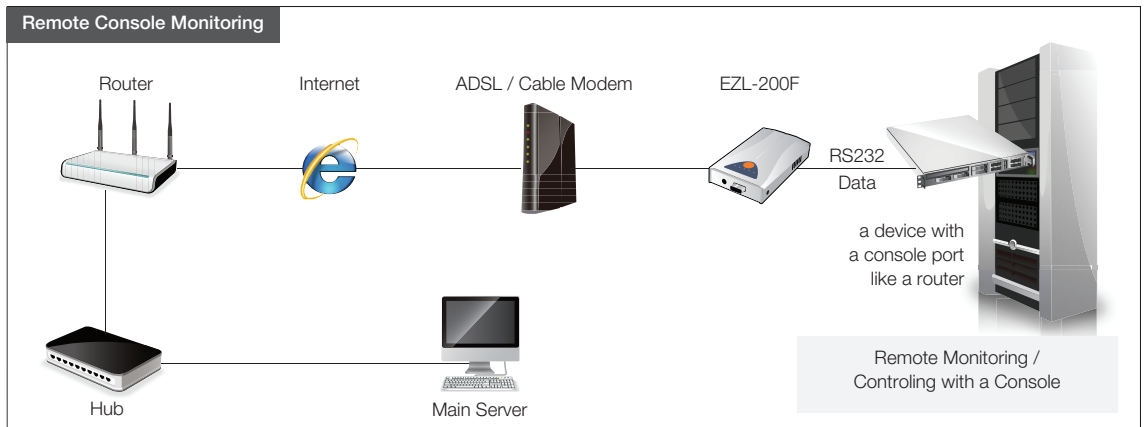
## Overview

EZL-200F是为了在以太网或因特网上可以远程控制及管理串口设备（RS232, RS422, RS485）而提供连接的串口联网服务器。EZL-200F连接到现有设备中，在不改变现有软件系统下可以方便地连接到网络。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地连接到因特网中。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-200F支持SSL和SSH保安协议及支持点对多点的工作方式，同时还提供Telnet COM Port Control Option可以更灵活的应用。

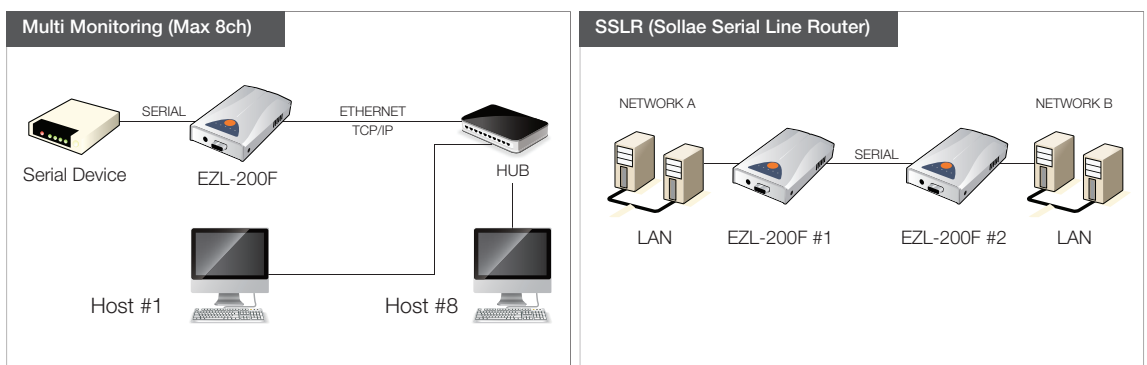
## Features

- 10Base-T or 100Base-TX 以太网(自动检测)
- 支援一个RS232/422/485端口（最大115,200bps,DB9-M接口）
- 最多支援同时连接8个TCP连接(Multi-Monitoring)
- 强大的保安技能(SSL3.0/TLS1.0,SSH2.0,IP filtering, Password)
- 提供可以连接两个网络的简单路由器技能(SSLR)
- 支援DHCP, PPPoE（支持在多种动态IP环境下使用）
- 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技能(专利)
- 通过Telnet Com Port Control Option(RFC2217),方便的串口端口控制
- 提供使用简单的远程设定实用程序(ezConfig)
- 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升级固件的技能
- 遵守欧洲环境法规RoHS的环保产品

## Application



## System Diagram



# Specifications

<b>Serial Physical Interface</b>	
<b>Serial Interface</b>	RS232 - RXD, TXD, RTS, CTS, DTR, DSR, RI,DCD
	RS422 - RX+, RX-, TX+, TX
	RS485- TRX+, TRX
	Interface Type is selectable by Software±15KV ESD Protection
<b>Connector</b>	DB9M DTE Connector
<b>Serial Port Properties</b>	
<b>Data Rate</b>	1200 bps ~115200 bps
<b>Data Bits</b>	7, 8 bits
<b>Parity</b>	None, Even, Odd, Mark, Space
<b>Stop Bit</b>	1 or 2
<b>Flow Control</b>	RTS/CTS Hardware, Xon/Xoff Software
<b>Network Physical Interface</b>	
<b>Network Interface</b>	RJ45 (10Base-T/100Base-TX Ethernet)
	Ethernet Speed Auto Sense
	1:1 or Cross-over Cable Auto Sense
	1000 VAC Isolation
<b>Software Functions</b>	
<b>Protocols</b>	TCP, UDP, IP, ICMP, ARP, Ethernet, TELNET
	TFTP, DHCP, PPPoE, SLIP, SSL3.0/TLS1.0, SSH
<b>Security</b>	SSL (Secure Socket Layer)
	SSH (Secure Shell)
	IP filtering - Restrict host
	Password for Configuring
<b>Communication Mode</b>	TCP server (T2S)
	TCP client (COD)
	TCP server/client with AT command (ATC)
	UDP mode (U2S)
<b>Additional Functions</b>	Multi Monitoring - maximum 8 hosts (T2S Mode)
	Telnet COM Port Control Option (RFC2217 Compliant)
	Simple Gateway Function (SSLR)
	Sending MAC address Option
<b>Operating System</b>	MIC RTOS
<b>Indicators (LEDs)</b>	
<b>Power</b>	Red
<b>Status</b>	Yellow, The Current status
<b>Ethernet Link</b>	Red - 10M Ethernet, Green - 100M Ethernet
<b>Ethernet RXD</b>	Yellow
<b>Ethernet TXD</b>	Green
<b>Processors</b>	
<b>CPU</b>	ARM7 Core
<b>ROM</b>	256K bytes Flash Memory
<b>RAM</b>	2M bytes SDRAM
<b>Management</b>	
<b>ezConfig</b>	Configuration and Monitoring Tool through Ethernet
<b>Telnet</b>	Telnet Login
<b>SSH</b>	SSH Login
<b>AT Command</b>	Configuring in ATC mode
<b>Supplementary Software</b>	
<b>ezConfig</b>	Configuration Tool for Windows
<b>ezConfig Library</b>	The Library of ezConfig for VC++, VB, Java, and Linux
<b>ezVSP</b>	Serial to Network Virtual Driver for Windows
<b>ezTerm</b>	Simple TCP/IP Communication Test Tool
<b>hotflash</b>	Firmware Upgrade Utility for Windows
<b>Dimension</b>	
<b>Size</b>	136mm x 83mm x 29mm
<b>Body Netweight</b>	about 140g
<b>Operating Environment</b>	
<b>Input Voltage</b>	DC 5±0.5V
<b>Power Consumption</b>	320mA typical
<b>Operating Temperature</b>	0°C ~ 55°C
<b>Storage Temperature</b>	-40°C ~ 85°C