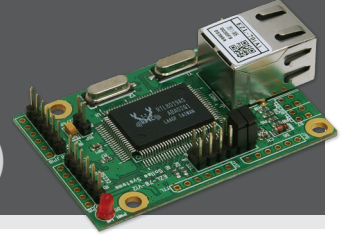


Data Sheet

# EZL-70(A) | Embedded Serial to Ethernet Converter



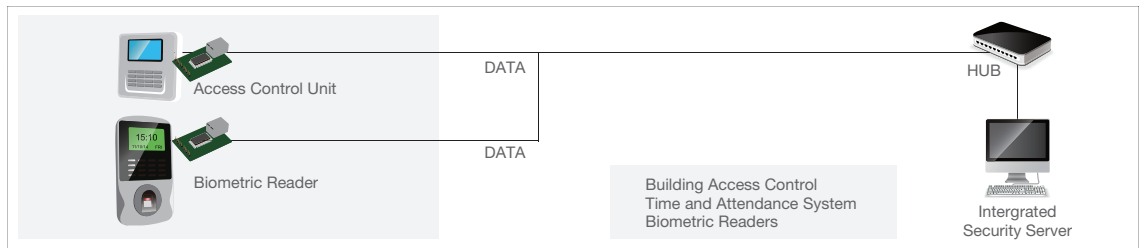
## Overview

EZL-70(A)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而提供连接的嵌入式串口 ↔ 以太网的转换器。将EZL-70(A)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-70(A)将TCP/IP技术最小化并应用到了小体积硬件，故是低价普及TCP/IP的方式。在EZL-70(A)里不仅有RJ-45内置在里面；还支持5V-TTL, RS232, RS422, RS485串口接口，应用在使用者产品的内部。EZL-70(A)在功能上等同于EZL-70,但它是低功耗产品。

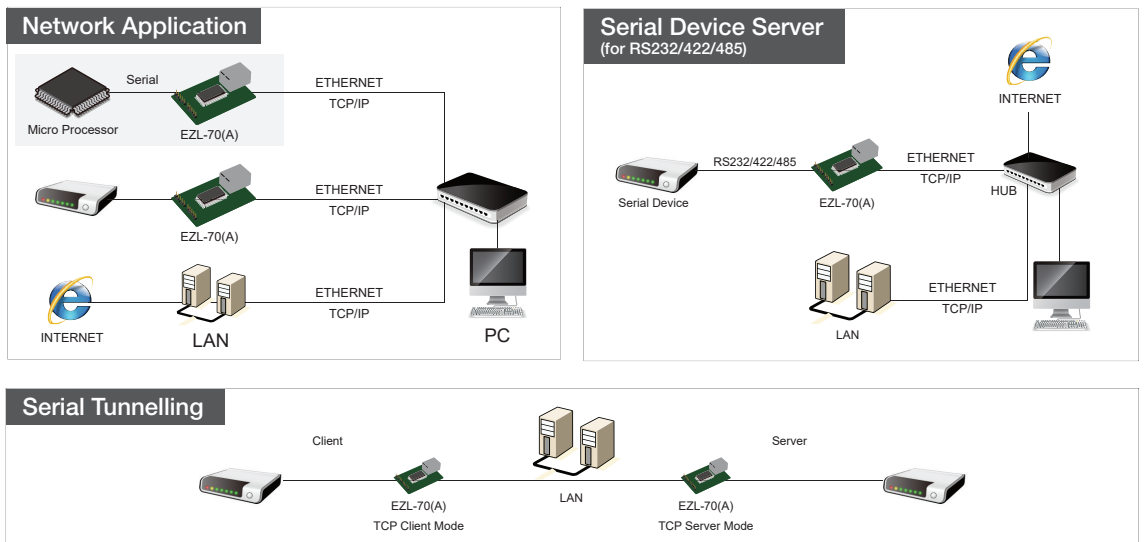
## Features

- 1 x RS232/RS422/RS485
- 内置RJ45连接器
- 小体积嵌入式模块产品 (64.4mm x 40mm x 17mm)
- 利用AT命令而控制的通信技能及提供设定技能(专利)

## Application



## System Diagram



# Specifications

<b>Serial Physical Interface</b>	
<b>Serial Interface</b>	5V level - RXD, TXD, RTS, CTS, GND
	RS232 - RXD, TXD, RTS, CTS, GND
	RS422 - TX+, TX-, RX+, RX-(full duplex), GND
	RX485 - TRX+, TRX-(half duplex), GND
<b>Connector</b>	1x6 2.54mm pitch pin header x 2
<b>Serial Port Properties</b>	
<b>Data Rate</b>	1,200bps ~ 115,200bps
<b>Data Bits</b>	5, 6, 7, 8 bits
<b>Parity</b>	None, Even, Odd, Mark, Space
<b>Stop Bit</b>	1, 2
<b>Flow Control</b>	RTS/CTS(Hardware), Xon/Xoff(Software)
<b>Network Physical Interface</b>	
<b>Network Interface</b>	10 Base-T Ethernet
<b>Software Functions</b>	
<b>Protocols</b>	TCP, UDP, IP, ICMP, ARP, Ethernet, TFTP, DHCP, PPPoE
<b>Security</b>	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>	Sending MAC address Option
<b>Indicators (LEDs)</b>	
<b>Power</b>	Red
<b>LAN Link/LAN RXD</b>	Green
<b>Status/LAN TXD</b>	Yellow
<b>Management</b>	
<b>ezConfig</b>	Configuration and Monitoring Tool through Ethernet
<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>Dimension</b>	
<b>Size</b>	59mm x 40mm x 17mm
<b>Operating Environment</b>	
<b>Input Voltage</b>	DC 5±0.25V
<b>Current Consumption</b>	59mA typical
<b>Operating Temperature</b>	0°C ~ +55°C
<b>Storage Temperature</b>	-40°C ~ +85°C