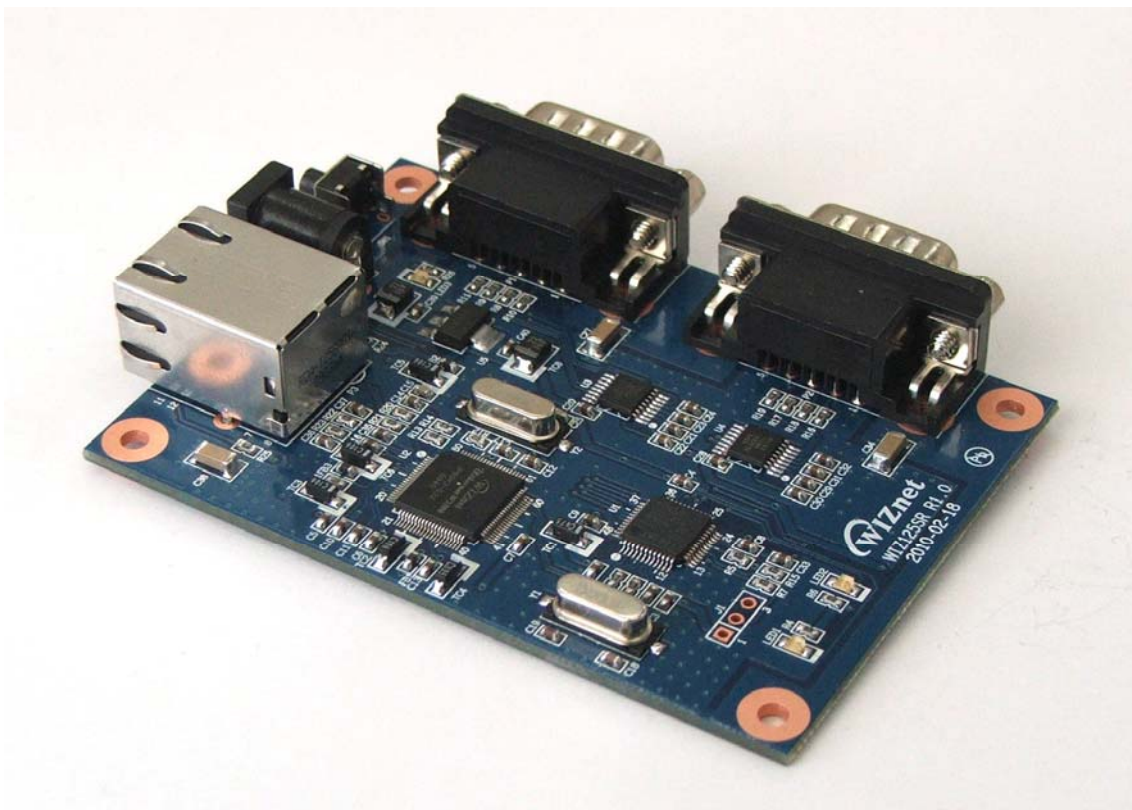


WIZ125SR Datasheet

(Version 1.0)



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Document Revision History

Date	Revision	Changes
2010-03-19	V1.0	Official Release

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1. 제품소개

1.1 주요기능

- 2 Port RS-232C Interface
- Quick and Simple Internet Connection to Serial Devices
- Supporting Firmware Customization according to Customer's Requirement
- Guarantee Stable and Reliable Data Communication by using W5100 One Chip Solution
- Provide User-Friendly Configuration Tool Program
- Support PPPoE protocol and Authentication Configuration for ADSL users
- Support User Password for Security
- Support Serial Command for Serial Configuration
- 10/100 Mbps Ethernet & Max 230Kbps RS-232 Interface
- Support IP Configuration - Static, DHCP & PPPoE
- Support DNS
- RoHS Compliant

1.2 제품사양

구 분	특 성
프로토콜	TCP, UDP, IP, ARP, ICMP, IGMP, MAC, DHCP, PPPoE, DNS
네트워크 인터페이스	10/100 Base-T Ethernet (Auto detection) / RJ-45
시리얼 포트	RS-232C DB-9 2port
CPU	Cortex-M3 core
Serial line format	8-N-1, 8-O-1, 8-E-1, 7-O-1, 7-E-1
Serial flow control	None, XON/XOFF, CTS/RTS
Serial signal	TXD, RXD, RTS, CTS, GND
Software	원격 다운로드 및 원격 환경설정 기능 제공
시리얼 전송속도	1200bps ~ 230Kbps
온도	0 ~ 70°C (Operating), -40 ~ 85°C (Storage)
습도	10~90%
전력	DC 5V, 220mA(MAX)
사이즈	88.5mm x 65.5mm x 18mm (Include connector size)

Table 1. 제품사양

1.3 WIZ125SR 인터페이스

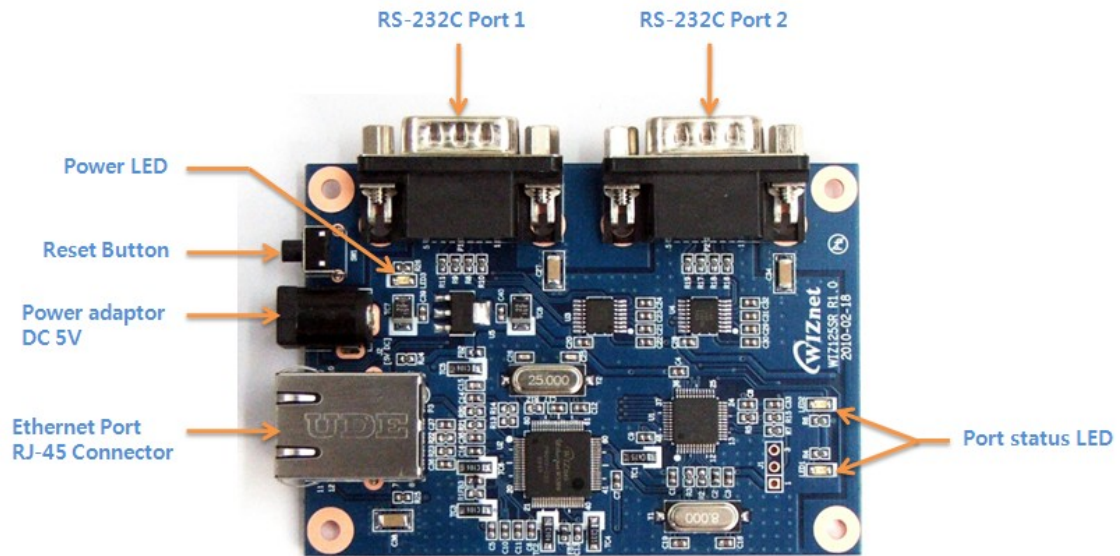
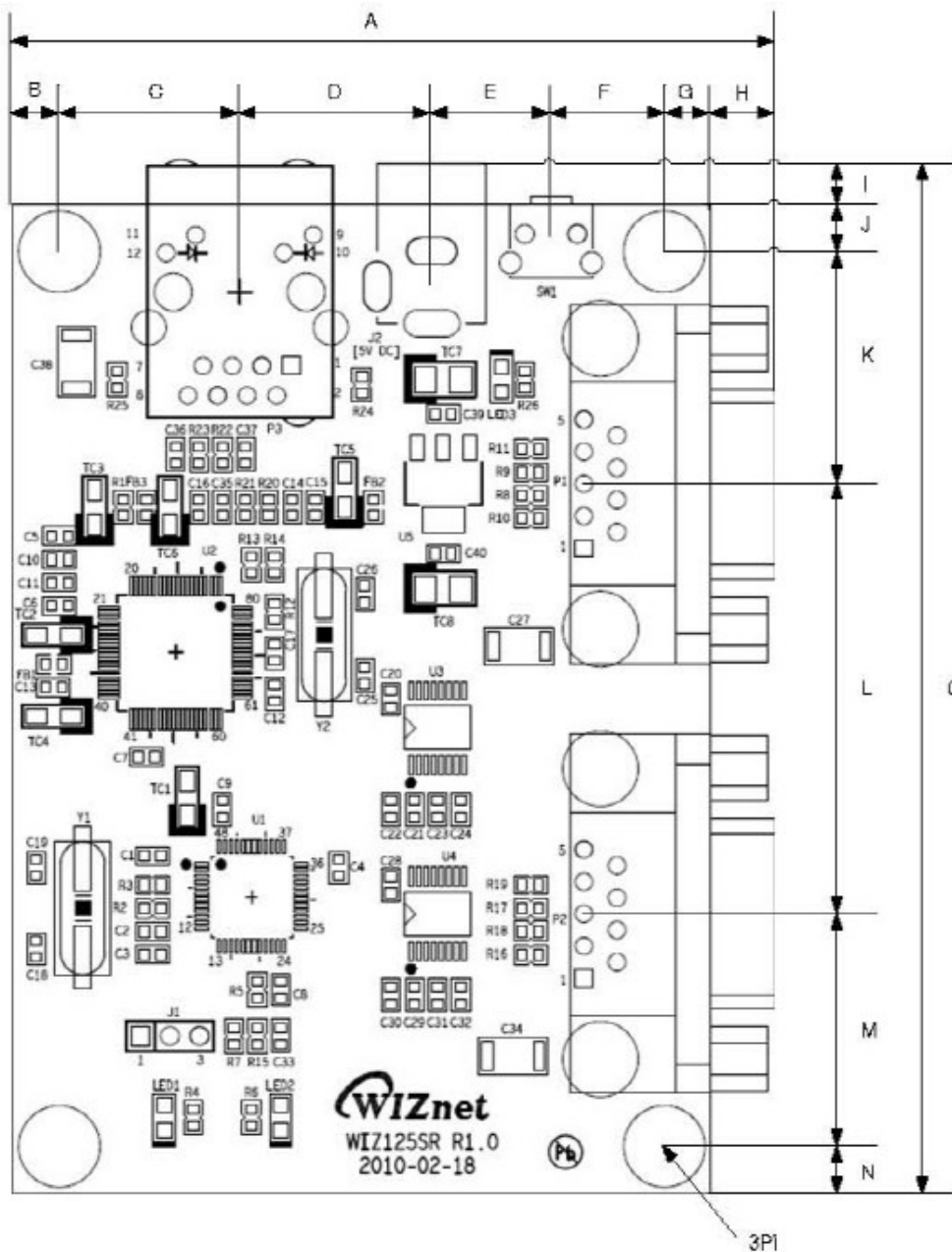


Figure 1. WIZ125SR 인터페이스

2. Hardware Specification

2.1 WIZ125SR Dimension



A	65.5	B	4.0	C	15.5	D	16.5
E	10.5	F	9.5	G	4.0	H	5.5
I	3.5	J	4.0	K	20.0	L	37.0
M	20.0	N	4.0	O	88.5		

Figure 2. WIZ125SR Dimensions (unit : mm)

2.2 Connector Specification

2.2.1 RJ-45 Connector

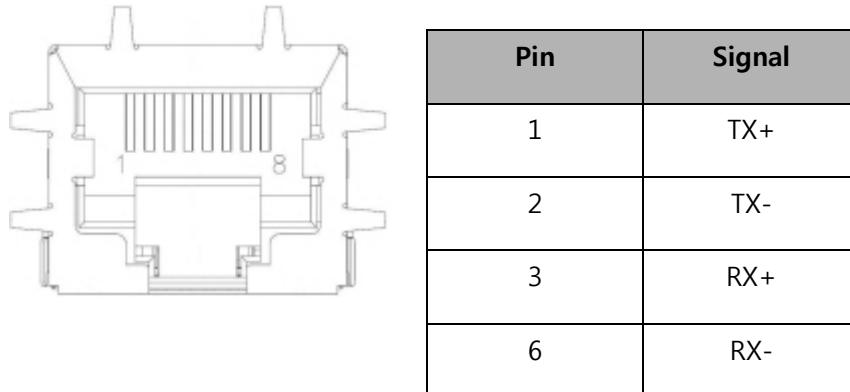


Figure 3. RJ-45 PIN Assignment

2.2.2 DB-9 Connector

Pin Number	Signal	Description
1	-	
2	RXD1 / RXD2	Receive Data for Port 1 & Port 2
3	TXD1 / TXD2	Transmit Data for Port 1 & Port 2
4	-	
5	GND	System Ground
6	-	
7	RTS1 / RTS2	Request To Send for Port 1 & Port 2
8	CTS1 / CTS2	Clear To Send for Port 1 & Port 2
9	-	

Table 2. DB-9 RS-232C Connector PIN-Assignment