

USR-K1 Super Port Serial to Ethernet

USR-K1 Introduction

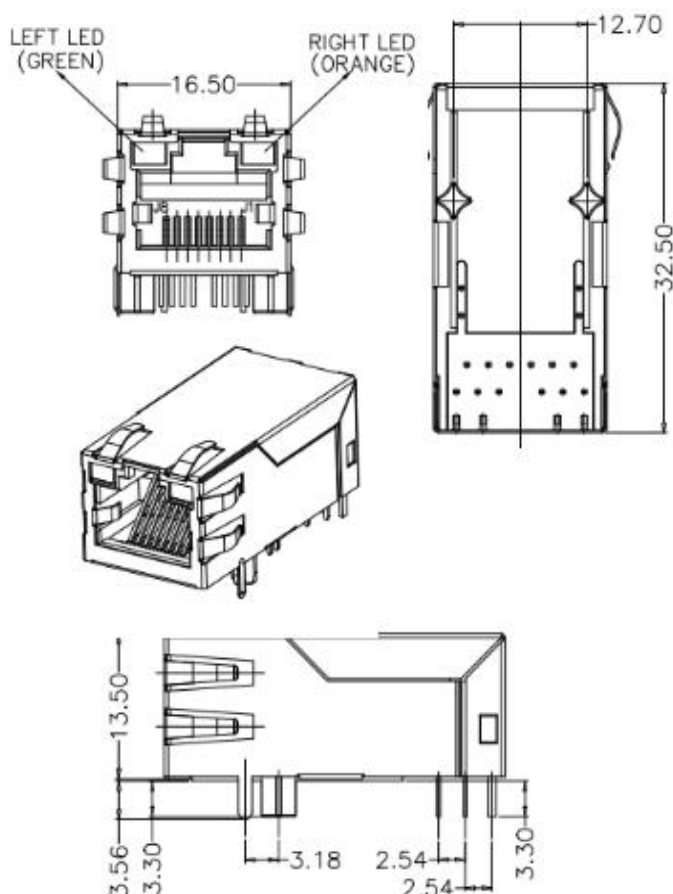
It is low-cost and multifunctional version of Super Port , an embedded type , to realize bidirectional transparent transmission between TTL and Ethernet.

User can apply K1 to your products to realize remote data acquisition, remote control and management.

USR-K1 Features

- ◎Small Size : 33.02 x 19.01 x 19.15 (mm)
- ◎Webset :Setting parameters through web or a serial port.
- ◎Support virtual serial port .
- ◎3.3 V TTL level compatible
- ◎Support AUTO MDI / MDIX , can use a crossover cable or parallel cable connection.
- ◎Work model:TCP Server /TCP Client /UDP Server /UDP Client
- ◎Unique heartbeat package mechanism to ensure connection is reliable , put an end to connect feign death.
- ◎Can work in LAN, also can work on the Internet
- ◎Across the gateway, across switches, routers.

USR-K1 Features



Specification

System information

Processor	ARM
Flash	32K byte
Ethernet	
Port Number	1
Interface Standard	4 Pin RJ45
Rate	10/100 Mbps ,auto-detection between cross and direct connection
Buffer	Send : 2K bytes Receive : 1K bytes
Network Protocol	IP / TCP / UDP / ARP / ICMP
Protection	2KV electromagnetism isolation
Auto MDI/MDIX	Yes

Serial

Ports	1-port
	TTL *1
Interface	Stick pin style
	3.3 V
Baud Rate	300bps~790Kbps
Data Bits	5, 6, 7, 8
Stop Bit	1, 2
Check Bit	None, Even, Odd, Space, Mark
Flow Control	No
Buffer	RX : 800K bytes. TX : Null
Resistor	Null,reserved 485 send-receive control pin

Software

Virtual Serial	Windows 2000 or higher (32 bit/64 bit)
Configuration	Webpage/ Set-up software/ Serial command

Parameter

Dimensions	33.0 x 19.0 x 19.2 (mm)
Operating Temp	-25~ 75°C
Storage Temp	-45 ~ 105°C, 5 ~ 95% RH

Power

Input	VCC 3.0 ~ 3.6V
Working Current	150mA (Aver) @3.3V
Consumption	<1W

Accessories

Power Adapter	Null
DB9 cable	Null

More

Certificate	Pending
Warranty	2 Years

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