SLK-S508R

8Ports RS232/485
Serial Device Server
1U Rack
Data sheet

Introduction:

SERIALLINK SLK-SS508R serial device server is designed to convert multi-channel scattered, low-speed and different standard serial port devices into Ethernet for centralized management. After installing virtual serial port, it can realize remote reading of serial port data. SLK-SS508R serial device server supports a variety of working modes, such as TCP server mode and UDP mode. It allows the user software to access serial devices through TCPIP and port number. In addition, it also supports virtual serial port to access serial devices. In terms of interface, it supports 8 Ports rs232/485 serial ports with DC12V power output to provide power supply for other serial port devices, 2 10/100m Ethernet ports and 6 switches input and 4 switches output to improve the project efficiency. Widely used in computer room monitoring, energy, chemical information chemical plant, building automation and other application environment.

Features:
- ✓ **Supports 8 Ports rs232/485 serial port, no need to switch serial port, namely connect and play**
- ✓ **Supports 8 Ports serial port with 12V power output to supply power to other serial port devices**
- ✓ **Supports 6 switches input, 4 switches output**
- ✓ **Supports modbus-rtu to read and write IO port data**
- ✓ **Supports 2X 10/100M Ethernet ports**
- ✓ **Side temperature design supports -40+85 ℃ working environment**
- ✓ **Hardware watchdog design, never crash**
- ✓ **Supports WEB configuration pages in English and Chinese**
- ✓ **Can be integrated into 4G full-network SMS alarm module**

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Device parameters

Basic performance:	
Product Name	1U Rack 8-Ports Serial Device Server
Model	SLK-S508R
CPU	32bit,400 MHZ
Ram	64M RAM,8M Flash

Ethernet：	
Ethernet	Ports:2
	Speed：10/100 Mbps, auto MDI/MDIX
	Connectors:8-pin RJ45
	Protections： 2.4 kV built-in
	Default IP:192.168.0.233

Serial port performance	
Serial Ports	Ports NO:8
	Connectors: 8-pin RJ45
	Signal: RS-232:TxD/RxD/ GND
	RS-485-2w: A, B
Serial Port Parameters	Data bits: 5, 6, 7, 8
	Stop bits: 1, 1.5, 2
	Verify bits: None, Even, Odd, Space
	Bps: 300bps to 115200 kbps
Serial ports Protections	RS232/485 With 15 kV ESD
	RS485 with TVS Protection
	End of RS-485 Resistance: 120 Ω

Serial port pin definition	
12V DC Output	RJ45 of PIN7 is V+,PIN8 is V-
RS232/485	RS232-(TXD,RXD,GND),RS485-(A,B)

RJ45 Connector							
1	2	3	4	5	6	7	8
A(RS485+)	B(RS485-)	TXD	GND	GND	RXD	V+(12V)	V+（12V）

IO definition	
IO output	4ways IO Output

12PIN Connector											
1	2	3	4	5	6	7	8	9	10	11	12
NO1	COM1	NO2	COM2	NO3	COM3	NO4	COM4	12V-	12V-	12V+	12V+

8PIN Connector							
IO Input	**6ways IO Input**						
DI1	DI2	DI3	DI4	DI5	DI6	12V-	12V+
Definition	Switch volume acquisitiVon IP port is 3022, which can use the default IP192.168.0.233+3022 port virtual serial port, and then use the standard modbus-rtu for read or write operation						

Serial Port of IP definition

Port1	Port2	Port3	Port4	Port5	Port6	Port7	Port8	IO
4001	4002	4003	4004	4005	4006	4007	4008	3022

Each serial port corresponds to a port number, and the virtual serial port can be COM port

SMS alarm module

Integrated 4G SMS Modem	Integrated 4G all-netcom SMS alarm module, supporting 4G, 3G and 2G networks of China mobile unicom and telecom (optional)

Software parameters:

Software Performance	protocols: TCP, UDP, DHCP ,DNS
	Setup: Web
	Work mode: TCP Server, UDP
	Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8/8.1/10 (x86/x64), Windows 2008 R2/2012/2012 R2 (x64)

Physical parameters

Physical parameters	Material: Iron
	Standard 1U Rack，440*221*44（unit：MM）
	With install parts size,483.6*231*44(unit：MM)
Temperature	Working Temperature: -35 to 65°C (-40 to 167°F)
	Storage Temperature: -40 to 85°C (-40 to 167°F)
	Relative humidity： 5 to 95%
Power	Input: AC100-250V Total output:DC12V/6A
Weight	Net weight: 2.38KG Gross Weight: 3.05KG
Warranty	2 Years

Order information

Order model	Model to explain
SLK-S508R	Standard configuration, 8 ports rs232/485, each with 12V power output, 6 digital input, 4 digital output

Thank you for your support of SERIALLINK products!

Please visit our website if you have any questions about our products：

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