User's Manual

SUN-RS277 Series

RS-232/485/422 Fiber Modem

English

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1. Product Summarize

SUN-RS277 is one kind can offer RS-232/485/422 serial port carry transparent optic fiber modem of transmission to get end to user, no need patch cords set up, switch over automatically, and can detect and examine the signal speed automatically, zero delays time to transmit automatically.

SUN-RS277 adopt optic fiber transmit, have isolate protection, data privacy is fine, working steady, data, such threats to communication equipment as the wave is welled up and interfered with electromagnetically that the effective one has prevented the abominable environment from being struck by lightning, can work in the abominable and dangerous environment reliably.

It can be used in occasions such as various industrial control, course controlling, traffic controlling and intellectual district , especially suit the bank, electricity and interfering with environment department and system with the special requirement electromagnetically

2.Packing list

While using this optic fiber MODEM for the first time, please check whether the packaging is intact, the random attachment is complete at first.

- Fiber Modem SUN-RS277 Series 1set
- User's manual 1book

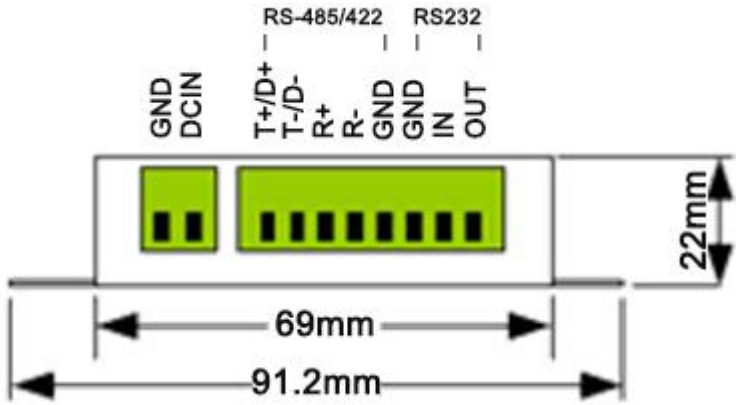
3.Specification

- Asynchronous, point to point, rate up to 500Kbps
- Support 9V-40V power input, consumption 2W
- 1500W surge protection, 15KV static protection
- RS-485/422 port support 32 node (can choice hand tailor 128 Node)
- Working wavelength: 850nm(multi-mode) & 1310nm(single mode)
- Auto test signal rate, zero delay auto transmit.

- **Interface:** support EIA RS-232, 485, 422 standard
- **Rate:** 0-500Kbps
- **Transmit distance:** RS-232 port 15m, RS-485/422 port 1500m, optical port multi-mode 2KM, single-mode 20KM
- **Working environment:** -25℃ to 70℃
- **Interface type:** 8 bit terminal block, multi-mode choice ST/SC/FC interface, single-mode choice FC/SC/ST interface
- **Shell:** Iron
- **Color:** White
- **Weight:** 230g

4.Feet define

SUN-RS277 Fiber MODEM RS-232/485/422 interface adopt 8 bit terminal block, the power is 2 bit terminal block.

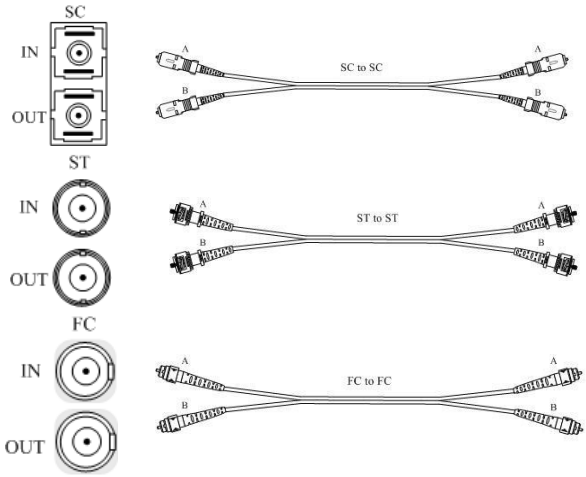


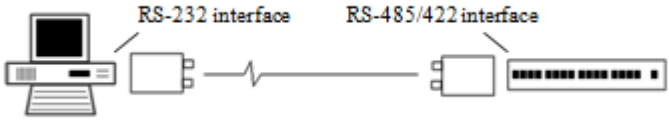
DCIN	9~40 VDC input	
GND	GND	
	T+/D+	RS-422 TXD+ RS-485 signal+

RS-485/422 interface	T- /D-	RS-422 TXD- RS-485 signal -
	R+	RS-422 RXD+
	R-	RS-422 RXD-
	GND	GND
RS-232 interface	IN	RS-232 input(RX)
	OUT	RS-232 output (TX)
	GND	GND
Fiber interface	IN	Fiber input
	OUT	Fiber output

Optic fiber interface need use in pairs, OUT port is fiber send side, connect another long-range light of interface fiber receive end IN; IN port is fiber receive side, connect long-range same fiber send side:

Optic fiber spent both ends mark the label (the following picture show: A-A, B-B, can also mark another: A1-A2, B1-B2), in order to use.





5.LED indicator light

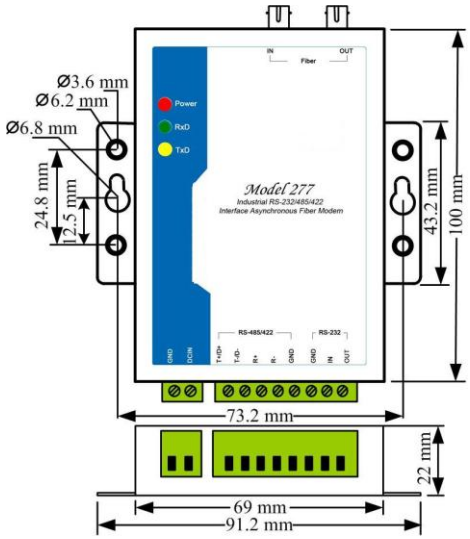
Power: Power indication

RxD: Optical fiber interface receive indication

TxD: Optical fiber interface send indication

6.Installation

SUN-RS277 offer hanging type and DIN card rail two installation ways, user can choose according to one's own convenience different to install way. Install the hanging type installation size and pursues to show in hanging type.



Warranty Registration Card

Serial Number: _____

Model Number: _____

Date of Purchase:_____

Company Name: _____

Company Address:_____

TEL: _____ FAX: _____

E-mail: _____

Note: Please fax this note within one month from the date of receiving units.

YOUR OPINION:

Do you have any comments on the quality of this product or the service from us?

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