

RS-232 serial optic fiber MODEM

1. Summarize

a sort of more function and economy RS-232 interface optic fiber MODEM.

It is the best choice to connect RTU to HOST or SCADA controller. It used Optic fiber as transfer medium, increase the transfer function of system. Communication equipment abstain menace effective to lightning strike, surge, electromagnetism disturb under the scurviness environment.

2. Function and Characteristic

- Support RS-232 interface
- Asynchronous, point to point, rate up to 120Kbps
- Support 90V~260V Volt input, consumption 2W
- Internal or external power choice.
- Working wavelength: 850nm(multi-mode)
1310nm(single mode)
- Auto test signal rate, zero delay auto transmit.

3. Performance guideline

Interface: support EIA RS-232 standard

Rate: 0-120Kbps

Transmit distance: RS-232 port 15m, optical port multi-mode 2KM,
single-mode 20KM

Working environment: -25°C to 70°C

4. Appearance guideline

Interface type: DB-9 female(RS-232), multi-mode choice ST/ SC/FC
interface, single-mode choice FC/SC/ST interface

L*W*H: 100mm*69mm*22mm

Shell: Iron

Colour: White

Weight: 230g

5. Pin define

Power interface

DCIN ——— 5V input

RS-232 port

IN ——— RS-232 input

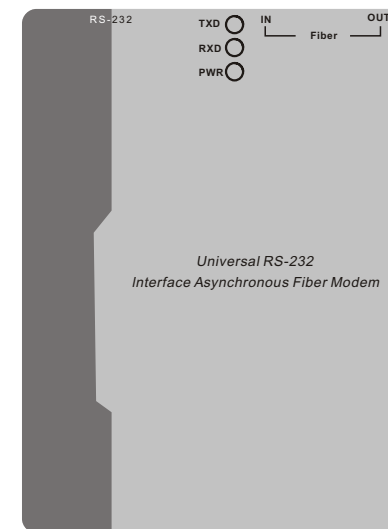
OUT ——— RS-232 output

GND ——— Ground

Optical fiber interface

IN ——— Optical fiber input

OUT ——— Optical fiber output



6. Indicator light explain

Power: Power indication

RxD: Optical fiber interface receive indication

TxD: Optical fiber interface send indication

7. Application

