



AC-232I-S-NET

RS-232 TO S-NET CONVERTER

Sonetnix network to RS232 series converter is bi-directional connector converter between RS-232 and S-NET. It is mainly used for communication between controller and peripherals. This converter converts the TXD and RXD signals of RS-232 serial port to 2 wire half duplex RS-485 signal. The low price will improve the product's core competition, Easy to access, High-Speed, Low-Power, High-Stability & Easy to install.



BI-DIRECTIONAL
CONVERTER



PLUG & PLAY
INSTALLATION



LOW POWER
CONSUMPTION



HIGH STABILITY &
RELIABILITY

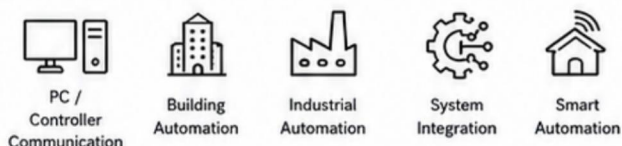


WIDE COMPATIBILITY

FEATURES

- ✓ Compatible with RS232/RS485 standard, converting the RS232 signal into balanced differential RS485 signal
- ✓ The module gets power from the serial port of system.
- ✓ Reset of the controller is not required and makes it an easy application of the hardware and software installation.
- ✓ RS-232 interface use the 3-Pin Phoenix connector to connect with the serial of computer, on the other side RS-485 use the 4-Pin Phoenix connector to connect.
- ✓ 3x LED indicators, easy to check the operating status: power, transmitting, and receiving
- ✓ 12VDC @1A power jack
- ✓ Work methods can be asynchronous, point to point or multi-point, 2 wire half-duplex.
- ✓ Transmission medium can be ordinary Line, twisted pair cable or Shielded 4 wire.
- ✓ AC-232I-S-NET Host will control more than 32 S-NET equipment.

APPLICATIONS



INTERFACES



ELECTRICAL SPECIFICATIONS

Operating Voltage	12VDC, @1A
Standard	EIA RS-232, RS-485 standard
Baud rate	300 - 115000bps
Communication protocol	Transparent
Loading Capacity	32 - 128 units device
Operating Temperature	0 - 45 °C
Signals	RS-232 - TX D, RX D, GND ; S-NET - Data+, Data-, GND

CONNECTIONS & INDICATIONS

- 3-Pin Phoenix screw type detachable connector on RS-232 side.
- 4-Pin Phoenix screw type detachable connector on RS-485 side.
- 3x LED indicators:
 - PWR : Power Indicator
 - RX : Receiving Indicator
 - TX : Transmitting Indicator

TRANSMISSION DISTANCE

- 5 meters on RS-232 side and 1200 meters on RS-485 side.

MECHANICAL SPECIFICATIONS

- Dimension (In cm) : 13 x 6.3 x 2.5cm