Soarland & Hexin
Hexin Technology


# HXSP-485C RS-232 To RS-485 Converter

## Specification & Features:

Standard: Accord EIA RS-232, RS-485 standard.
Connector: DB9 female on RS-232 side, DB9 male with 4 or 6 terminal block on RS-485 side.
Work methods: asynchronous, point to point or multi-point, 2 wire half-duplex.
Transmission medium: Ordinary Line , twisted pair cable or Shielded Wire
Baud rate: 300~115000bps.
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## Introduction:

HXSP-485 series converter is bi-directional connector converter between RS-232 and RS-485; it is mainly used for communication between main controller machines, main controller machine and SCMs or Peripherals, point to point and point to points remote communicate network, it achieve request-response communication between multi-machines, it is mainly used for the field of electricity, industrial automatic control, IC card billing system; such as one card solution, access control system, parking system, and so on.
HXSP-485 series converters change the TXD and RXD signals of RS-232 serial port to 2 wire half duplex RS-485 signal. No need to get through the power, it can get the electricity from the 3rd pin of RS-232 interface , at the same time, there is a request sending by 7th pin(RTS), 4th pin data terminal prepares(DTR) to help power supplying HXSP-485. The automatically process control make you need not reset and make a easy application of the hardware and software installation.

## Detail Specification & Features:

Standard: Accord EIA RS-232, RS-485 standard.
Connector: DB9 female on RS-232 side, DB9 male with 4 or 6 terminal block on RS-485 side.
Work methods: asynchronous, point to point or multi-point, 2 wire half-duplex.
Transmission medium: Ordinary Line , twisted pair cable or Shielded Wire
Baud rate: 300~115000bps.
Transmission distance: 5 meters (RS-232 side) and 1200 meters (RS-485 side).
Communication protocol: Transparent.
Environment: -10 to 85 centigrade working temperature, 5% to 95% relative humidity.
Signals: RS-232 TXD, RXD,GND ; RS-485 Date+, Date-,GND .