

PRODUCT DETAILS

DT-9000 Passive RS232 to RS485 converter

Feature:

- 1, **Industrial serial converters** are Compatible with RS232, RS485 TIA/EIA standard.
- 2, Automatically send/receive data ,without external traffic control signals.
- 3, Communication rate: 300~38400bps
- 4, Communication distance: 1.2Km (9600bps), can connect 32pcs RS232 or RS485 device.
- 5, Power and two color data traffic indicator light, can detect the fault point.
- 6, Work way: Asynchronous half-duplex (RS485), no need jumper wire settings.
- 7, Optical and electrical isolated (isolated voltage 2.5kVrms/500VDC insulation), RS485 provide 600W per line lightning protection and prevent common ground interference.
- 8, Electrical interface: RS232 interface connect DB9 hole type connector, RS485 interface 4 terminals binding post transmission medium (twisted pair or shielded cable)
- 9, Use environment: -40°C~85°C; Relative humidity 5%~95% (Non-condensing)
- 10, Support DOS/WIN95/WIN2000/NT/XP Linux.etc.
- 11, Applies to all used communication software. plug and play.

NO.1

Compatible with RS-232, RS-485 standard

DT-9000 converter

DT-9000 converter is compatible with RS-232, RS-485 standard, the ability to single-ended RS-232 signals into balanced differential RS-485 signals, RS-232 side, DB9 female connector, RS-485 DB9 pin type connector device with terminals.



NO.2

Asynchronous half-duplex differential transmission

DT-9000 converter

Two communication: point to point / multipoint two-wire half-duplex and / two-wire half-duplex, in order to prevent radiation and interference signals need to connect a terminal line matching resistor (120 ohms parameter 1 / 4W), depending on the circumstances.



NO.3

Long-distance transmission, the signal is more stable.

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Transmission distance is less than 1200 meters (RS-485 terminal) 15 meters (RS-232 terminal) within the transmission rate: 300-115.2KBPS, use of the environment: -20 degrees to 70 degrees, relative humidity of 5% to 95%.



NO.4

Data protection, lightning protection, surge

DT-9000 converter

Built-in fast transient voltage suppression protection TVS, no external power supply, the internal use of the unique "RS-232 charge pump," drives the entire circuit. Circuit with zero delay automatic conversion transceiver device can operate safely under RS-485 mode. Absolutely sure fit existing operating software and interface hardware.

