

H485A

RS-232/TTL/RS-485 Converter

1、 Usage

H485A is a general purpose RS-232 to TTL to RS-485. H485A has 3 conversion functions: 1、 RS-232 to RS-485 2、 RS-232 to TTL 3、 TTL to RS-485

2、 Hardware Installation

H485A is DB-9/DB-9 dongle size. 5V power supply and TTL signals have terminal blocks. Female DB-9 is RS-232, only RXD-2、 TXD-3、 GND-5. Male DB-9 is RS-485 connected to terminal blocks.

3 performance characteristics

No software Setting! Only RXD\ TXD \GND signals ensure that suitable for all software! Baudrate is 0-150 Kbps. Need an external 5 V power supply (4.5 to 5.5 V voltage, power consumption is less than 50 ma),.

4 appearance figure



5、 Connection and pin assignment

RS - 232 and TTL mutual conversion:

Note:

- 1, pay attention to up and down jump line (red): Close to the RS - 232 or short-circuit
- 2, pay attention to the TTL signal Flow direction
- 3, TTL signals include ground



RS-232/RS-485 total solution

RS - 485 to TTL mutual conversion:

Note:

- 1, jumping up and down line (red) are as follows: Close to the RS - 485 or short-circuit
- 2, pay attention to the TTL signal flow direction
- 3, TTL s include ground



RS - 232 and RS - 485 conversion:

Note:

- 1, jumping up and down line (red) is: the short circuit between
- 2, the RS-485 signals include ground



H485A	1	2	3
DB-9 MALE	RS-485 (+A)	RS-485 (-B)	GND