



ATC-101
RS422/232 Converter



ATC-106
RS485/232 Converter

ATC-101 Port Powered RS-232 to RS-422 interface converter

The Model ATC-101 is a non-power RS-232 to RS-422 interface converter. The Model TBATC-101 has a DB9 Female connector for the RS-232 Interface and a 6 screw terminals connector or DB9 Male connector for the RS-422 differential input and output interface. MODEL TBATC-101 can convert the TD and RD signals of RS-232 into balanced full-duplex RS-422 signals.

ATC-106 Port Powered RS-232 to RS-485 interface converter (4-bit terminal)

ATC-106 (ATC-101) can convert the data from RS-232C to half duplex RS-485(RS-422) signal. It don't need additional power supply and can get the power directly from PC side. By it's "Automatic Send Data Line Control" function, you don't need to use RTS, just plug it and no need to install any hardware or software and work well under RS-485(RS-422) communication.

Applications

- Point to point, point to multi-point communication.
- Industrial distribution system, industrial control automation.
- Road traffic control automation.
- Closed circuit monitoring.
- Security protection system.
- Intelligent card, check on work attendance gate safety system.

Features

- Don't need extra power
- Automatic Send Data Line Control
- Tiny body, free your space
- Automatic Send Data Line Control
- Don't need to change any specification of your existing systems

Specifications

- Construction
ATC-101 Interface: RS-232 to RS-422 Converter
ATC-106 Interface: RS-232 to RS-485 Converter
- Connectors
RS-232: DB-9 female
ATC-101 RS-422: DB9 male
ATC-106 RS-485 DB-9 male or a terminal block
- Signals
ATC-101 RS-232 Side : DB-9 Female Signals: Use Pins 3 (TD) and 2 (RD).

Pins 7 (RTS) and 8 (CTS) are tied together Pins 4 (DTR), 6 (DSR), and 1 (CD) are tied together.

ATC-106 RS-232 Side: Use Pins 3 (RD) and pin 2(TD also called SD) Pins 7 (RTS) and 8 (CTS) are tied together Pins 4 (DTR), 6 (DSR), and 1 (CD) are tied together.

ATC-101 RS-422 Side : DB9 Male connector—PIN1 (T-) PIN2 (T+), PIN3 (R+), PIN4 (R-), 6 position terminal

block -- +12V, GND, T+,T-,R+,R- Signals: Full-duplex 4-wire operation only Driver and Receiver are enabled

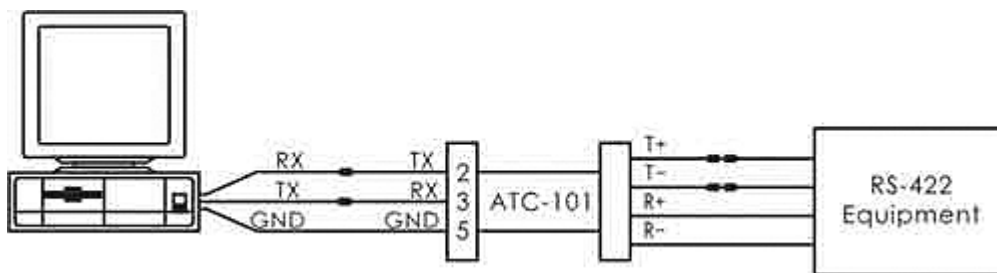
all the time.

ATC-106 RS-485 Side: 4 position terminal block - 485, +485-, +5V, GND

- Data Rate: 300 to 115.2 KBPS, up to 4,000 feet at 19,200 BPS
- Operating Distance
Maximum Distance (feet): 4,000 6,000 8,000 10,000(using 24 AWG wire)
- Power: powered from the RS-232 data TD or handshake lines
- Operation Temperature: 0° to 50° C, 5% to 95% relative humidity
- Dimensions: 88 x 33 x 17 mm

Configurations

- ATC-101



- ATC-106

