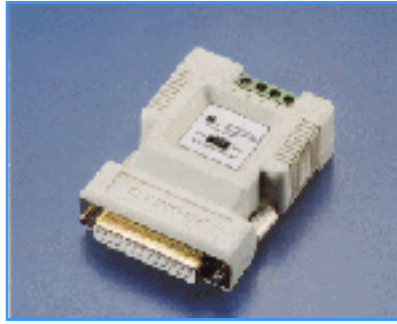


## CON485 RS-232/RS-485 Smart Converters



### SPECIFICATIONS

#### INTRODUCTION:

RS-232 interface is a standard communication port in the computer and many other terminal systems. And it is very popular communication interface in control systems, building access control systems, office auto-mation systems, time recording systems, barcode systems, pos systems....etc. However, RS232 has limitation in transmission distance (50 feet typically) so it ca be flexibly used in long distance control systems. Now we support RS-485 **smart converter** for RS-232 interface devices. The so-called "**smart converter**" means that you don't need to change any specification of your existing systems, and your software with RS-232 protocol still can be used as well.

#### FEATURES:

- RS-232 interface converted to RS-485 interface for long distance connection.
- Automatically switching Transmitting and Receiving
- LED is to show communication status
- Baud rate selectable 9600 or 19200
- one converter supports up to 255 terminal devices.
- Communication distance up to 1000 meters (must be AWG #24, #22, #18..... individually shielded multiple pair cable)
- Don't need to change any specification of your existing systems
- Your software with RS-232 protocol still can be used.

#### APPLICATIONS:

- PC to PC communication
- PC to terminal devices
- Any long distance connection

- **Communication:**
  - Half-duplex, 1 start bit, 8 data bits, no parity Baud rate 9600/19200 selectable.
- **Power Supply:**
  - DC9~12V, 300mA
- **Dimensions:**
  - 69\*53\*22mm
- **RS-232 Interface Connector:**
  - D-sub 25 pins female connector
- **RS-485 Interface Connector:**
  - Screw type terminal block 4 pins
- **Environment:**
  - Operating Temp: 0~55 Deg. C
  - Storage Temp: -10~55 Deg. C
  - Humidity: 10~90% relative

#### AVAILABLE MODELS:

- CON485: for TR550 with RS-485 connection
- CON485: for TR510 with RS-485 connection
- CON422/485: for AC9100 with RS-485
- CON422/485: for TR52X/TR534 with RS-422

#### Remarks:

1. CON485 is an RS-232 to RS-485 smart converter so that you don't need to change any specification of your existing systems, and your software which is with RS-232 protocol still can be used as well.
2. CON422/485 is RS-422/485 mode selectable. Select RS-422 for RS-232 to RS-422 converter and your software which is with RS-232 protocol still can be used without any change. Or select RS-485 for RS-232 to RS-485 converter but your software must be with RS-485 communication protocol.

