

UT-201B DATASHEET

(Product Name: RS-232/RS-485 interface converter)

Product model and Version

- Model: UT-201B
- Version: VER:01

Main Functions & Features

- Support RS-232/RS-485 interface converter

Technical parameters

- Interface feature: Compatible with EIA/TIA RS-232C/485 Standard
- Electric interface: DB9 female connector at RS-232 side, DB9 male connector at RS-485 side, with active screw
- Operating mode: asynchronous half-duplex differential transmission
- Transmission media: Twisted -pair or STP
- Transmission rate: 300bps-115.2Kbps
- Dimension: 63mm x 33mm x 17mm
- Operating Environment : - 25 to 70°C, relative humidity 5% to 95%
- Transmission distance: 1,200m (RS-485 side) 5m(RS-232 side)

Hardware definition and initial settings

RS-232C Pin assignment

DB9 Female(PIN)	RS-232C Interface signal
1	Protection GND
2	TXD
3	RXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

RS-485 Output signal

DB9 Male(PIN)	Output signal	RS-485 Half-duplex
1	T/R+	RS-485 (A+)
2	T/R-	RS-485 (B-)
3	N/C	N/C
4	N/C	N/C
5	GND	GND
6	VCC	+5V Standby power input
7、8、9	N/C	N/C

Product Drawing (Appearance)



Structural Dimension Drawing

