Model:UT-880-TC

USB TYPE-C to RS-232 Converter

Datasheet

1. Overview

UT-880-TC is a USB Type-C to RS-232 converter, it is industrial grade , with strong chip, strong compatibility. The product is with indicator light. This product is widely used in modem, bar code machine, tax control machine, PDA, numerical control machine, industrial machine and instrument.
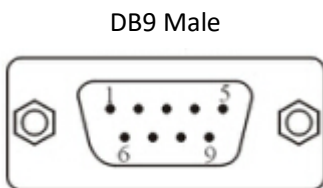
2. Main functions and feature

- Support USB TYPE-C to RS-232 Converter

3. Technical Parameters

- Standards: USB V1.1, 1.0, 2.0, RS-232 EIA
- USB signal: VCC, DATA-, DATA+, GND, FG
- RS-232 signal: DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS, RI
- Operating mode: Asynchronous, point to point
- Direction control: Adopts flow direction auto-control technology, auto identify and control the flow transmission direction
- Baud rate: 300-460,800bps
- Load capacity: Supports point to point communication
- Transmission Distance: RS-232 5m, USB no more than 5m
- Port protection: Surge, ±15KV ESD protection
- Connector: USB-C male, DB9 male
- Signal: TXD, RXD, POWER
- Transmission media: Twisted-pair or shielded wire
- Cable length: 1,500±30mm
- Operating temperature: -40 ~ 85℃
- Relative Humidity: 5 ~ 95%
- Supports Win 2000/2003/2008/2012/XP/Vista/7/8/8.1/10/CE/Mac/Linux

4. Connection & signal

1. DB9 male: RS-232C signal output PIN assignment:

. DB9 Male

DB9 Male(PIN)	RS-232C signal
1	ETH
2	SIN(RXD)
3	SOUT(TXD)
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

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2. USB TYPE-C signal input PIN assignment

A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND	RX2+	RX2-	VBUS	SBU1	D-	D+	CC	VBUS	TX1-	TX1+	GND
GND	TX2+	TX2-	VBUS	VCONN			SBU2	VBUS	RX1-	RX1+	GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

5. Product View (Appearance)

6. Structure Dimensions