



tM-7561

USB to Isolated RS-485 Converter

Features

- Fully Compliant with the USB 1.1/2.0 (High Speed)
- No External Power Supply required
- Baud Rate, 300 ~ 115200 bps
- 2500 Vpc Isolation Protection on the RS-485 side
- Operating Temperatures, -25 °C ~ +75 °C
- Driver Supports Windows 98/ME/2000/XP/Vista (32/64-bit)/
- DIN-Rail

7 (32/64-bit)/Linux







■ Introduction _

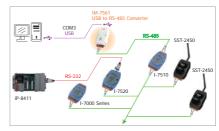
The tM-7561 is a cost-effective module for transferring serial data via USB. It allows you to connect your serial devices to systems that use a USB interface. Connecting the tM-7561 to a PC, you get one RS-485 port. Like the I-7520, the tM-7561 contains "Self Tuner" chip auto-tunes the Baud Rate and data format to the RS-485 network. The tM-7561 module derives its power from the USB port and doesn't need any power adapter. It also features a high-speed 115.2 kbps transmission rate, and supports various O.S. independent RS-485 port.

■ Software _

Driver

Windows 98/ME/2000/XP/Vista (32/64-bit)/7 (32/64-bit)/Linux

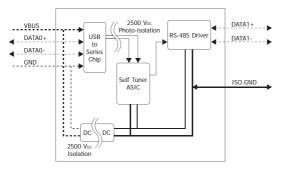
Applications



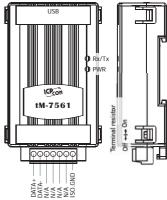
Specifications -

Interface		
USB		Compatibility: USB 1.1 and 2.0 standards
RS-485		Data+, Data-
2-wire cabling		Belden 8941 (2P twisted-pair cable), if different cables are used,
		the transmission distance may change
RS-485 Transfer Distance		Max. 1,200 m at 9.6 kbps; Max. 400 m at 115.2 kbps
Maximum Supported RS-485 Devices		256 (Without repeater)
Self-Tuner Asic Inside		Yes
Speed		300 ~ 115200 bps
Connection	RS-485	Removable 7-Pin Terminal Block
Connection	USB	Type B
Cable Included		CA-USB18 (1.8 m Cable) x 1
LED Indicators		
Power/Communication		Yes
Power		
Input Voltage Range		+5 Voc from USB
Power Consumption		0.4 W
Mechanical		
Casing		Plastic
Flammability		Fire Retardant Materials (UL94-V0 Level)
Dimensions (W x H x D)		52 mm x 87 mm x 27 mm
Installation		DIN-Rail
Environment		
Operating Temperature		-25 °C ~ +75 °C
Storage Temperature		-30 °C ~ +75 °C
Humidity		10 ~ 90% RH, non-condensing

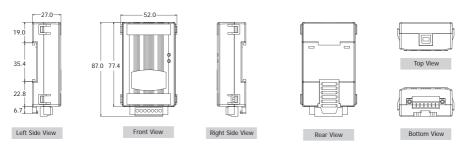
■ Internal I/O Structure __



■ Pin Assignments _



■ Dimensions (Unit: mm) _



Ordering Information

tM-7561 CR	USB to Isolated RS-485 Converter (RoHS)	
Include Cable	CA-USB18 (1.8 m Cable) x 1	

Accessories ____

USB-2560 CR	Industrial 4-port USB 2.0 Hub		
CA-USB18	USB Type A to Type B Cable		