



4.6. USB to RS-232/422/485 Converters



I-7560

USB to RS-232 Converter

Features

- Fully Compliant with the USB 1.1/2.0 (High Speed)
- No External Power Supply required
- Baud Rate, 300 ~ 115200 bps
- Operating Temperatures, -25 °C ~ +75 °C
- Driver Supports Windows 98/ME/2000/XP/Vista (32/64-bit)/7 (32/64-bit)/Linux



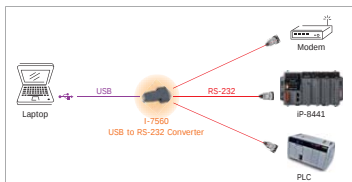
Introduction

The I-7560 contains a Windows serial com port via it's USB connection and is compatible with new and legacy RS-232 devices. USB Plug-and-Play allows easy serial port expansion and requires no IRQ, DMA, or I/O port resources.

The I-7560 features a full set of RS-232 modem data and control signals (Tx/D, Rx/D, RTS, CTS, DSR, DTR, DCD, RI and GND) on it's PC compatible DB-9 male connector. It also features a high-speed 115200 bps transmission rate.

The I-7560 is powered from the USB bus and no additional power supply is needed.

Applications



Software

Driver

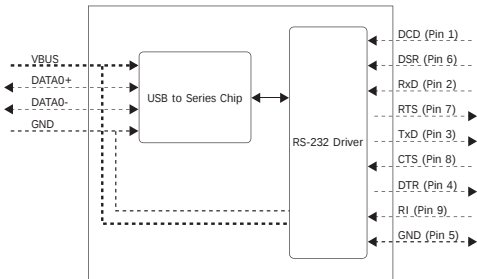
Windows 98/ME/2000/XP/Vista (32/64-bit)/7 (32/64-bit)/Linux



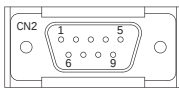
Specifications

Interface	
USB	Compatibility: USB 1.1 and 2.0 standards
RS-232	TxD, Rx/D, RTS, CTS, DSR, DTR, DCD, RI and GND; non-isolated
Speed	300 ~ 115200 bps
Connection	RS-232
	9-Pin Male D-Sub
Cable Included	USB
	Type B
Cable Included	
CA-USB18 (1.8 m Cable) x 1	
LED Indicators	
Power	Yes
Power	
Input Voltage Range	+5 Vdc from USB
Power Consumption	0.3 W
Mechanical	
Casing	Plastic
Flammability	Fire Retardant Materials (UL94-V0 Level)
Dimensions (W x H x D)	33 mm x 60 mm x 15 mm
Environment	
Operating Temperature	-25 °C ~ +75 °C
Storage Temperature	-30 °C ~ +75 °C
Humidity	10 ~ 90% RH, non-condensing

Internal I/O Structure

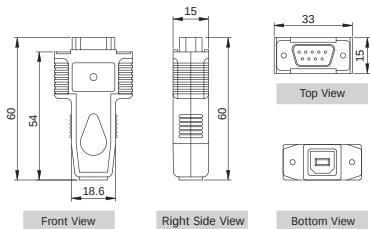


Pin Assignments



Pin	Signal	Mode
01	DCD	Data Carrier Detect
02	RxD	Receive Data
03	TxD	Transmit Data
04	DTR	Data Term Ready
05	GND	Ground
06	DSR	Data Set Ready
07	RTS	Request To Send
08	CTS	Clear To Send
09	RI	Ring Indicator

Dimensions (Unit: mm)



Ordering Information

I-7560 CR	USB to RS-232 Converter (RoHS)
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Accessories

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