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USB to RS-232/422/485 Converters

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

USB-2512 *Available soon*

USB to 2-Port RS-232 Converter

USB-2514 *NEW*

USB to 4-Port RS-232 Converter

USB-4518 *Available soon*

USB to 8-Port RS-232 Converter

USB-2512   USB-2514   USB-4518

Features ▶▶▶▶

- Hi-Speed USB 2.0 for up to 480 Mbps USB transmission
- Power and data flow indicator for troubleshooting
- Transmission speed up to 921.6 kbps
- Driver Supports Windows 98/ME/2000/XP/Vista (32/64-bit)/7 (32/64-bit)/8 (32/64-bit)/Linux
- Bus-powered; no need for external power supply for USB-2412/2514
- Operating Temperatures, -25 °C ~ +75 °C
- Lockable USB cable
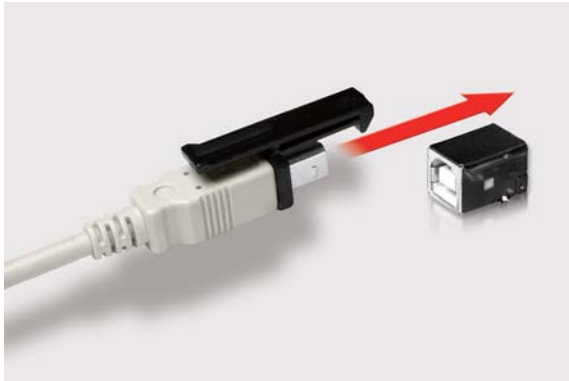- DIN-Rail Mounting

Introduction

USB-2512/2514 allows PC users to connect a serial device to a system that use a USB interface. To attach the USB-2512/2514 to a PC, you don't need to open the chassis or power down your PC. Instantly get extra high-speed RS-232 ports. The power is derived from the USB port, so there are no power adapters to deal with. Supporting high-speed 921.6 kbps transmission.
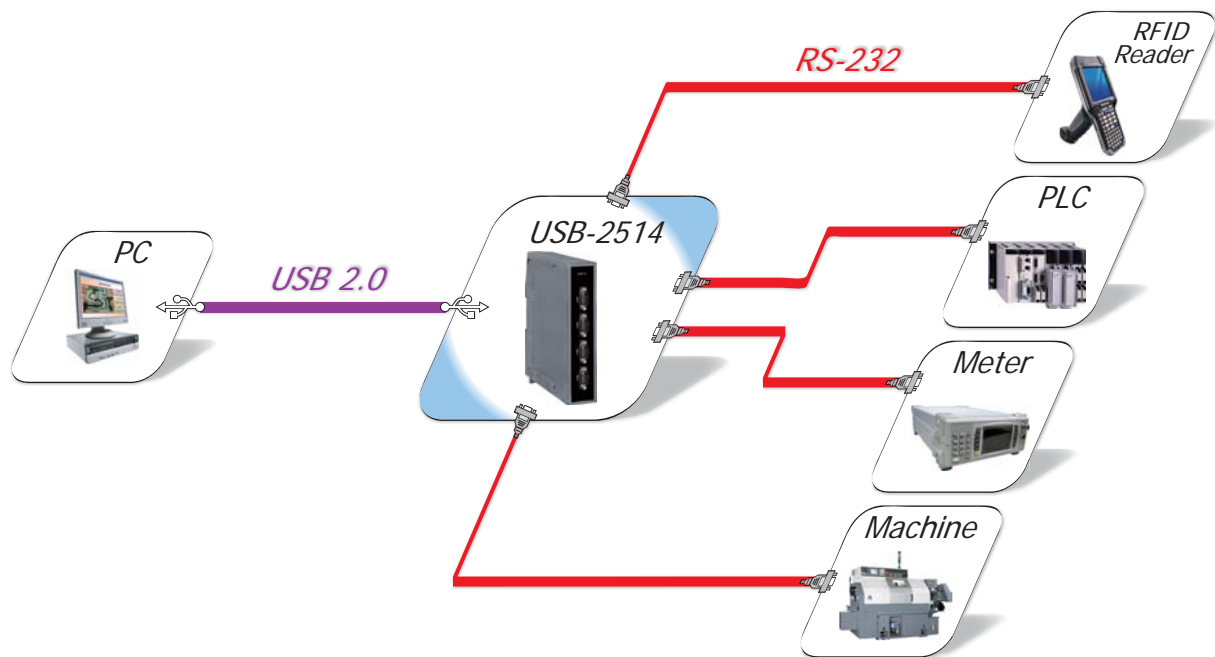
System Specifications

Models		USB-2512	USB-2514	USB-4518
Interface				
USB		Compatibility: USB 1.1 and 2.0 standards		
RS-232		TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND		
Speed		300 bps ~ 921.6 Kbps		
Connector	RS-232	DB9 male x 2	DB9 male x 4	DB9 male x 8
	USB	Type B		
LED Indicators				
Power/Communication		Yes		
Power				
Input Voltage Range		Bus-powered		Bus-powered/External power supply
Power Consumption		0.2 W	4 W	8 W
Mechanical				
Casing		Plastic		
Flammability		Fire-Retardant Materials (UL94-V0 Level)		
Dimensions (W x H x D)		34 mm x 110 mm x 92 mm	31 mm x 157 mm x 116 mm	60 mm x 172 mm x 143 mm
Environment				
Operating Temperature		-25 °C ~ +75 °C		
Storage Temperature		-30 °C ~ +75 °C		
Humidity		10 ~ 90% RH, non-condensing		

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Converters, Repeaters, Hubs and Splitter

Lockable USB Cable

The USB-2512/2514/4518 is designed for industrial applications in harsh environments. Lockable USB cable design ensure tight, robust connections, and guarantee reliable operation, even for applications that are subject to high vibration and shock.

Applications

Ordering Information

USB-2512 CR	USB to 2-Port RS-232 Converter (RoHS)
USB-2514 CR	USB to 4-Port RS-232 Converter (RoHS)
USB-4518 CR	USB to 8-Port RS-232 Converter (RoHS)
Include Cable	CA-USB15 (1.5 m Cable) x 1

Accessories

USB-2560 CR	Industrial 4-port USB 2.0 Hub

Converters, Repeaters, Hubs and Splitter