3onedata
Reliable Connections



USB232

Passive Pocket USB to RS-232 Interface Converter

- Supports bilateral switching of data between 1 RS-232 serial port and 1 USB interface
- USB end power supply, without external power supply
- Autotunning of serial port signal rate
- Supports 600W surge protection, 15KV electrostatic protection
- Supports -20~60℃ wide temperature operation
- Compact size, easy installation

Introduction

USB232 is a passive pocket USB to RS-232 interface converter, which can achieve bilateral switching of data between USB interface and RS-232 serial port without external power supply. The product supports 1 USB interface and 1 RS-232 serial port. Interface is equipped with 600W surge protection and 15kV electrostatic protection, which can effectively protect the device from damage.

The product provides matched driver program software; USB interface connected to PC will make up a serial COM port in the computer system. PC host can communicate with RS-232 device via virtual COM port.

USB232 has compact size and is easy for installation. Specific LED indicator is convenient for judging signal conversion. It can be widely used in industrial control automation system, bar-code scanner, PLC and PLD, PDA (WinCE system), label printer, POS system, data acquisition control system, security access control system, etc.

Specification

Serial Port	Standard: EIA RS-232C Quantity of serial port: 1 RS-232 serial port Serial port signal: DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS, RI Baud rate: 300bps~115200bps Interface form: adopt DB9, Male; Transmission distance: 15m Interface protection: 600W surge protection, 15kV electrostatic protection
USB	Standard: USB 1.1, USB 2.0, USB CDC V1.1 Quantity of interfaces: 1 USB interface USB signal: VCC, DATA+, DATA-, GND Transmission rate: high speed 480Mbps, full speed 12Mbps Interface form: USB A-type plug, Female Transmission distance: 5m
Operating System	Windows 98/ME/2000/XP/7, Linux v5.0
Power Requirements	USB interface power supply, without external power supply
Power Consumption	Static power consumption: ≤80mA Dynamic power consumption (mean value): ≤150mA
Environmental Limits	Operating temperature: -20~60℃

	Storage temperature: -25~85℃ Relative humidity: 5%~95%　(no condensation)
Physical Characteristics	Housing: plastic Dimension (W x H x D): 36mm×16.5mm×68.5mm (cable length 1m) Weight: 64g
Certifications	CE, FCC, RoHS
Warranty	3 years

Ordering Information

Available Models	RS-232	USB	Power Supply Range
USB232	1	1	—

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