

Isolated USB <-> RS-232/422/485 Converter

- Full compliance with USB v1.1 specification
- RS-232/422/485 port supported
- Transmission speed up to 115.2 Kbps
- Isolation protection 3000V DC provided
- Automatic RS-485 data flow control
- No external power supply necessary; the hub derives power from the USB port
- Plug and play installation
- No additional IRQs or I/O ports required
- Hot attach & detach function supported

Description:

The converter allows PC users to connect their serial devices RS-232, RS-422 or RS-485 to systems that use USB interface. The power is derived from the USB port. Compliant with USB v1.1, the module features a lot of powerful function such as high speed 115.2 Kbps transmission, supporting various O.S, independent RS-232/ 422/485 port etc. You only have to install the drivers, no need to set cards lots, IRQ addresses, DMA channels, or device addresses.

Technical data:

Compatibility:

USB v1.1 standard

Interface:

Network: USB

Serial: 3-wire RS-232/422/485

Port:

1 x RS-232/422/485 port

Connector:

Network: USB Type A connector

Serial: twist wire

Transmission speed:

75 bps to 115.2 Kbps

Parity bit:

odd, even, none

Data bit:

5,6,7,8

Stop bit:

1, 1.5, 2

RS-232 Signals:

Tx, Rx, GND

Surge protection:

3000 V DC (RS-485)

Isolation protection:

3000 V DC
(RS-232/422/485)

Driver supported:

Windows 98/2000/ME and
Linux

Power consumption:

270 mA / 5V (typical)
300 mA / 5V (max.)

Max. distance:

15 ft (4.6m)

Case:

ABS with captive mounting
hardware

Mounting:

DIN-rail, panel mounting or
piggyback stack

Operating temperature:

0° to 70°C

Operating humidity:

20% to 95%
(non condensing)



Order information:

ADAM-4561

Isolated Converter

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