

Single Port Serial to USB Adaptors

OMG-USB-232-1
OMG-USB-485-1



- ✓ Power Obtained from USB Cable—No External Power Required
- ✓ “Hot Swapping”/ Auto Configuration
- ✓ Automatic RS485 Data Enable/Disable (OMG-USB-485-1)
- ✓ Full RS530 Interface Implemented to Simplify Cabling (OMG-USB-485-1)
- ✓ Field Selectable Interface (OMG-USB-485-1)
- ✓ High Speed UART with 128 byte TX FIFO and 384 byte RX
- ✓ FIFO Supporting Standard PC Data Rates up to 460.8K bps (OMG-USB-232-1) or 921K bps (OMG-USB-485-1)
- ✓ 1.8 m (6') High Quality USB Cable Included
- ✓ Includes Driver and Utility Software



OMG-USB-232-1 shown smaller than actual size.

The OMG-USB-232-1 and OMG-USB-485-1 USB to serial I/O adaptors provide a single USB to RS232 serial port (OMG-USB-232-1) or a single USB to RS422/485/530 serial port (OMG-USB-485-1) providing USB connectivity to legacy or non-USB compliant devices. These adaptors support standard PC data rates up to 460K bps (OMG-USB-232-1) and 921K bps (OMG-USB-485-1). Simply install the included software and connect the adaptor to your USB port. The device is immediately recognized by the system. At that point, simply connect the adaptor to your target device (i.e. modem, serial printer, scale, bar code/mag stripe reader, etc.). Now your non-USB peripherals can have the same connection simplicity and ease of use as USB aware peripherals. We include our Windows XP/Vista/7 (32-bit and 64-bit) and Linux drivers to simplify installation.

Specifications

Communications Chip: USB/ UART ASIC

Number of Ports: 1

Maximum Data Rate:
OMG-USB-232-1: 460K
OMG-USB-485-1: 921K

Maximum Data Distance:
OMG-USB-232-1:
 Up to 15.2 m (50')

OMG-USB-485-1:
 Up to 1219 m (4000')

Operating Temperature:
 0 to 50°C (32 to 122°F)

Storage Temperature:
 -20 to 70°C (-4 to 158°F)

Humidity Range: 10 to 90% RH non-condensing

Power: USB cable

Connector(s): 1 DB25P (male)

Dimensions:
 9.65 L x 5.84 W x 2.54 cm H
 (3.8 x 2.3 x 1.0")

To Order Visit omega.com/omg-usb-232-485 for Pricing and Details

Model No.	Description
OMG-USB-232-1	1 port RS232 to USB
OMG-USB-485-1	1 port RS422/485/530 to USB
OMG-CA175	DB25F/9M cable (DB9 RS422 pinout)
OMG-CA179	Spare 1.8 m (6') USB A to B cable

Comes complete with utility software and operator's manual on CD ROM and OMG-CA179 USB cable.
Ordering Example: **OMG-USB-232-1** single port RS232 to USB adaptor.

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