

**UC232A1**

USB to RS-232 Adapter (1 m)



## USB-A to Serial Adapter

**USB-A to RS-232 Adapter 1m****UC232A1**

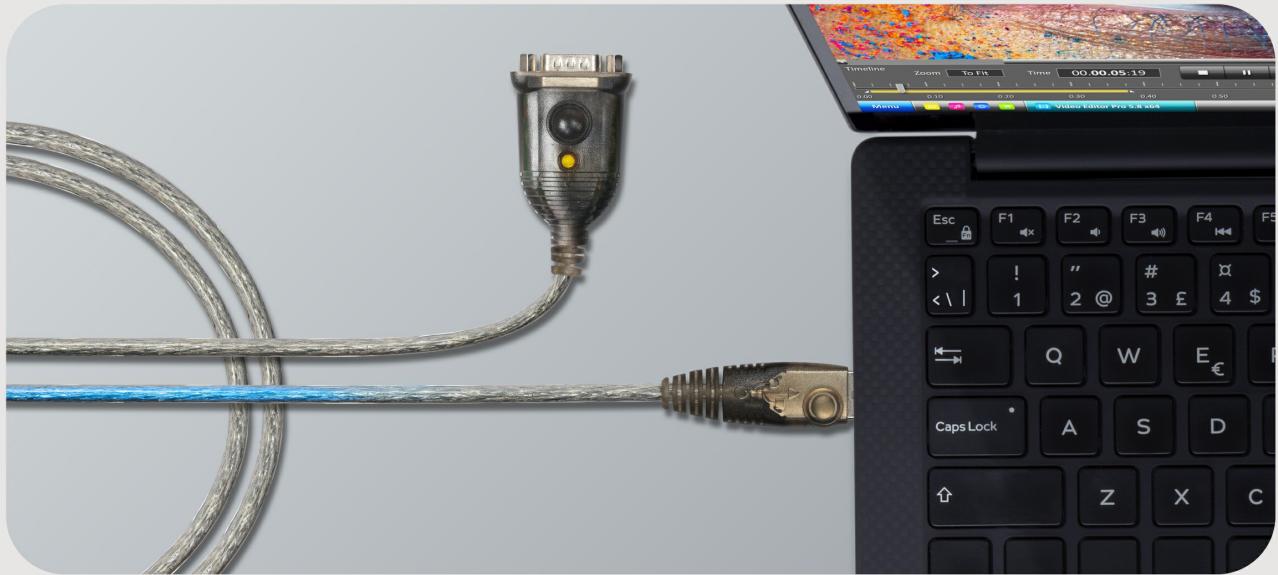
USB-A



RS-232



Anti-EMI



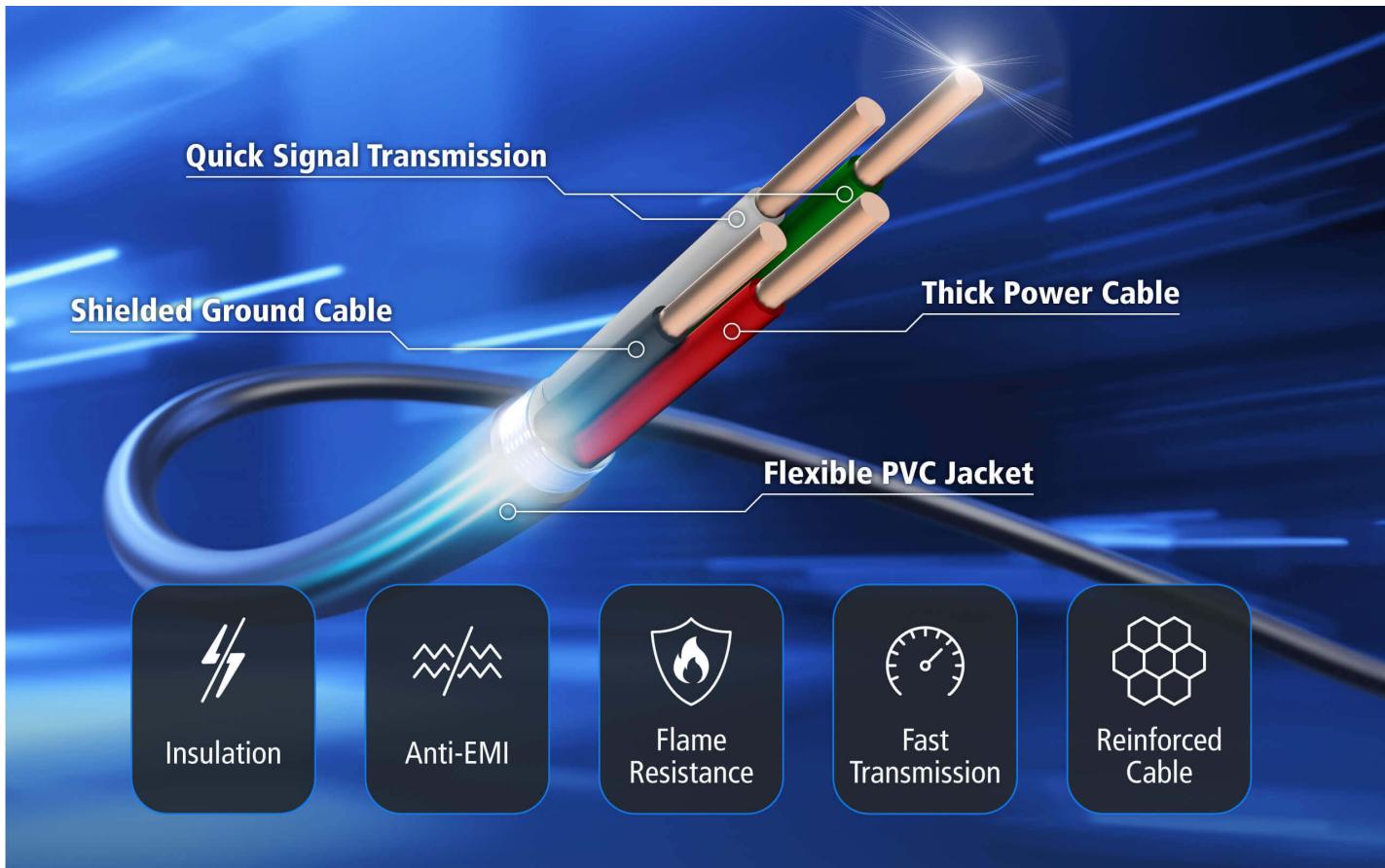
Compatible with  
**Windows 10, 8, 7 / macOS / Linux**

**Multi-System Support**

The UC232A1 is compatible with multiple operating systems, such as macOS, Linux, and Windows 7/8/10.

**Stable Performance, Fast Transmission**

The UC232A1 offers USB 2.0 connectivity and is equipped with a robust cable that ensures proven anti-EMI performance for reliable signal transmission at speeds of up to 921.6 Kbps baud rate.



## USB-A



Laptop

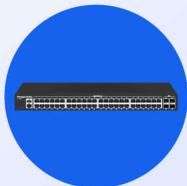


PC

## RS-232



Modem



Network Switch



PLC Controller



Printer



Scanner



POS



**Broadly Compatible with Serial Devices**

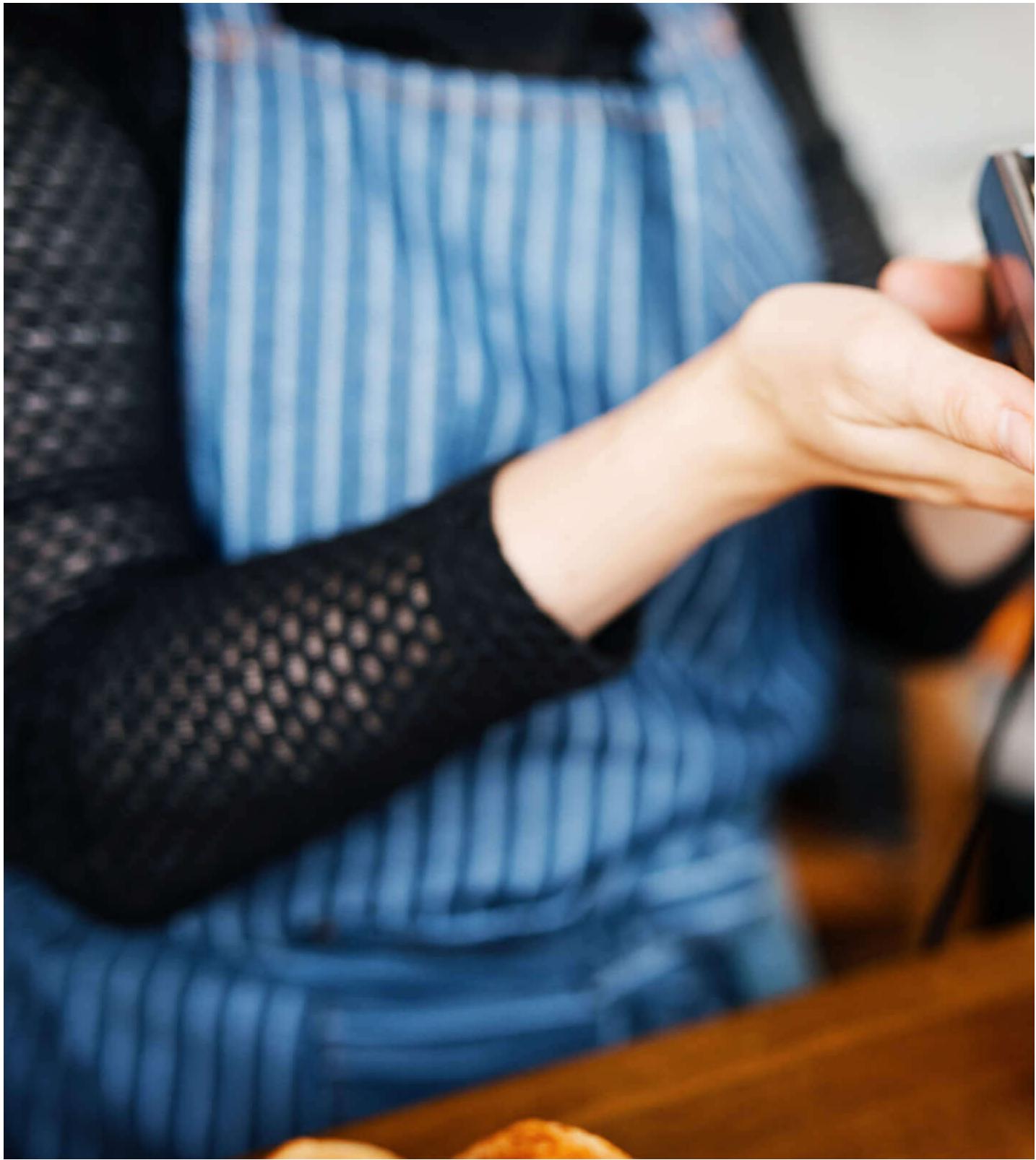
The UC232A1 allows your PC or laptop to control and communicate with various RS232 serial devices such as modem, network switch, PLC controller, printer, scanner, POS and so on.

**Applications**

- 1.
- 2.
- 3.
- 4.



Barcode Scanning



POS Terminal



PLC Programming

**Medical / Scientific Instrument**[Previous](#) [Next](#)**Product Comparison**

The UC232 lineup is well-suited for a variety of applications including industrial automation, IT networking, and control systems.

\*Notes: Models equipped with FTDI chip provide better signal transmission with legacy Windows OS.

[Talk to Our Experts](#)

If you prefer to have ATEN contact you, please complete the form and a representative will be in touch with you shortly

First Name \*

Last Name \*

- Country \*

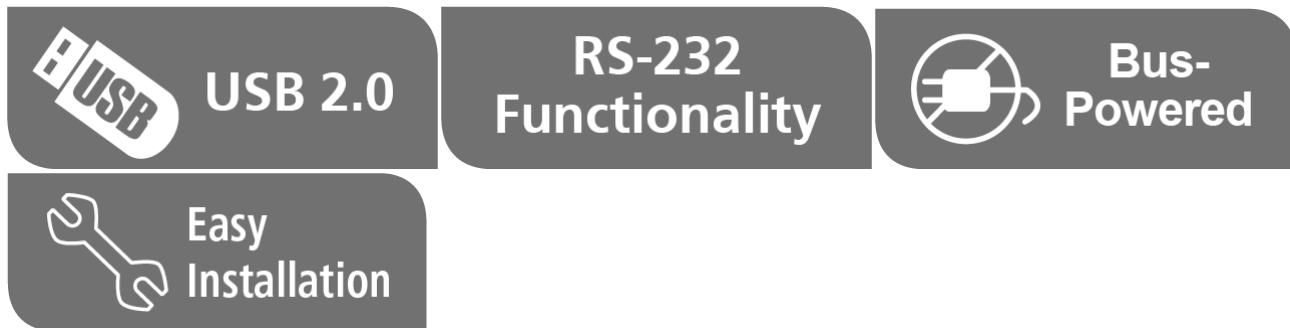
Company \*

Email \*

Phone Number \*

- Customer Type \*

Job Title \*



#### Features

The [UC232A](#) series USB-to-RS232 serial port converter is the ideal accessory for laptop and desktop computers that do not have a COM or DB9 serial port. Supporting both PC and Mac systems with baud rates up to 921.6 Kbps for rapid performance, it offers a convenient connectivity solution for industrial automation systems, scientific instruments, point of sale systems, and other specialized industrial and consumer applications.

The [UC232A](#) now supports mobile devices as a computing host (Android 3.2 and above). The [UC232A](#) SDK is available for download in the [Support and Downloads](#) section.

#### NOTICE

If your Linux kernel is between v2.6.15 ~ v5.4 and your device has a new chipset version, please update the Linux driver.

Note: This driver works with 2021 or later chipset version device only.

Use the link below to identify which chipset version your device is

<https://eservice.aten.com/eServiceCx/Common/FAQ/view.do?id=18695>

- Supports RS-232 serial interface
- Proven performance in anti-electromagnetic interference (anti-EMI) capability for stable transmission performance
- Full compliance with USB specifications
- Up to 921.6 Kbps data transfer rate
- OS Compatibility: Windows, Mac, and Linux
- Works with cellular phones, PDAs, digital cameras, modems, and ISDN terminal adapters
- A trustworthy connectivity solution recommended and adopted by leading enterprises worldwide

## Specifications

Connectors	
USB Port	1 x USB Type A Male (White)
Serial	1 x DB-9 Male (Silver)
Data Rate	Up to 921.6 Kbps
Cable Length	1m
LEDs	Power (Orange)
Power Mode	Bus Powered
USB Specification	USB compliant
Power Consumption	DC5V:0.155W:1BTU/h  Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0–40°C
Storage Temperature	-20–60°C
Humidity	0–80% RH, Non-condensing
Physical Properties	
Housing	Plastic
Weight	0.06 kg ( 0.13 lb )
Dimensions (L x W x H)	6.59 x 3.40 x 1.60 cm (2.59 x 1.34 x 0.63 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

## Diagram





Simply Better Connections

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