Simply Better Connections

UC232A1

USB to RS-232 Adapter (1 m)

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Compatible with

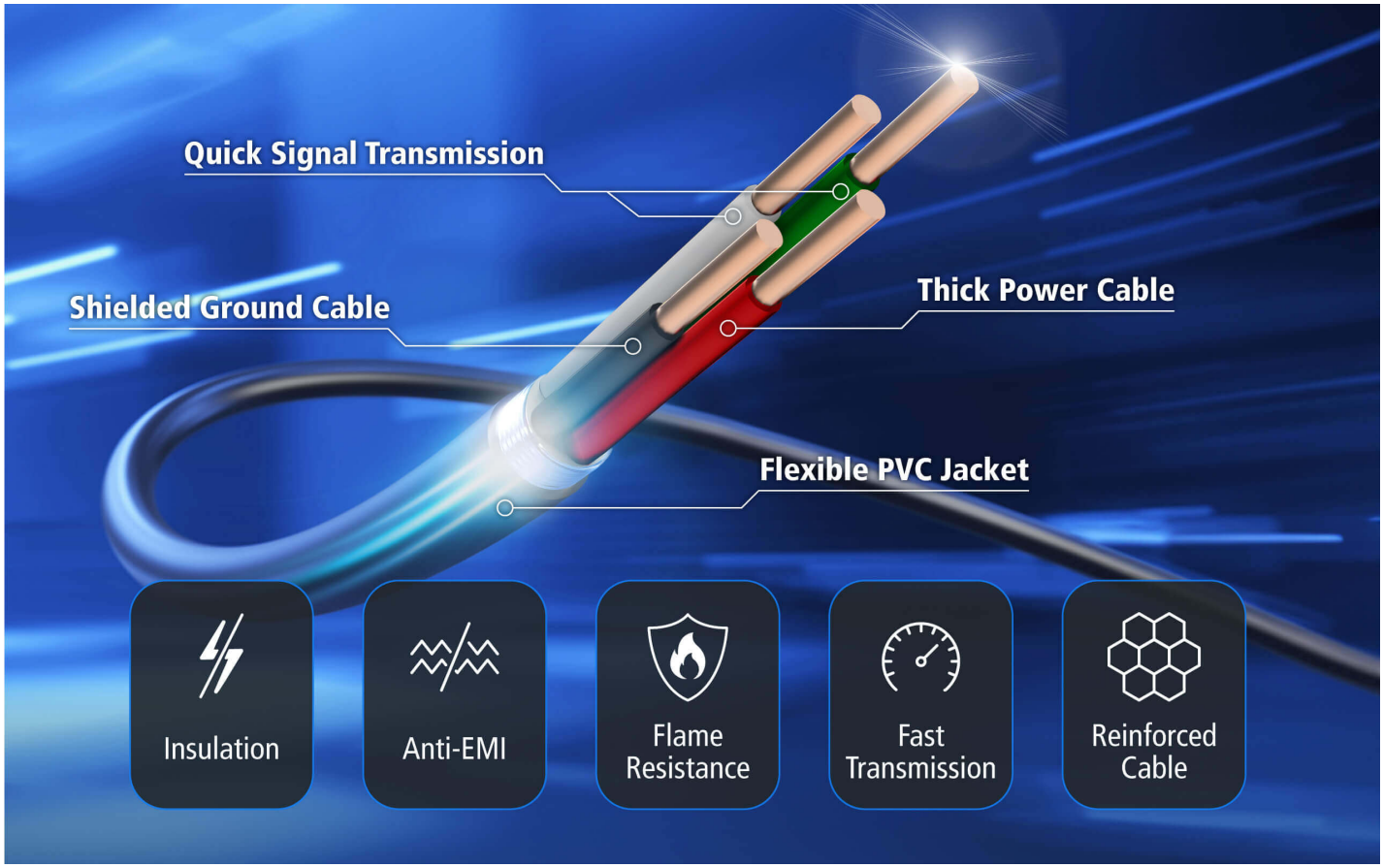
Windows 10, 8, 7 / macOS / Linux

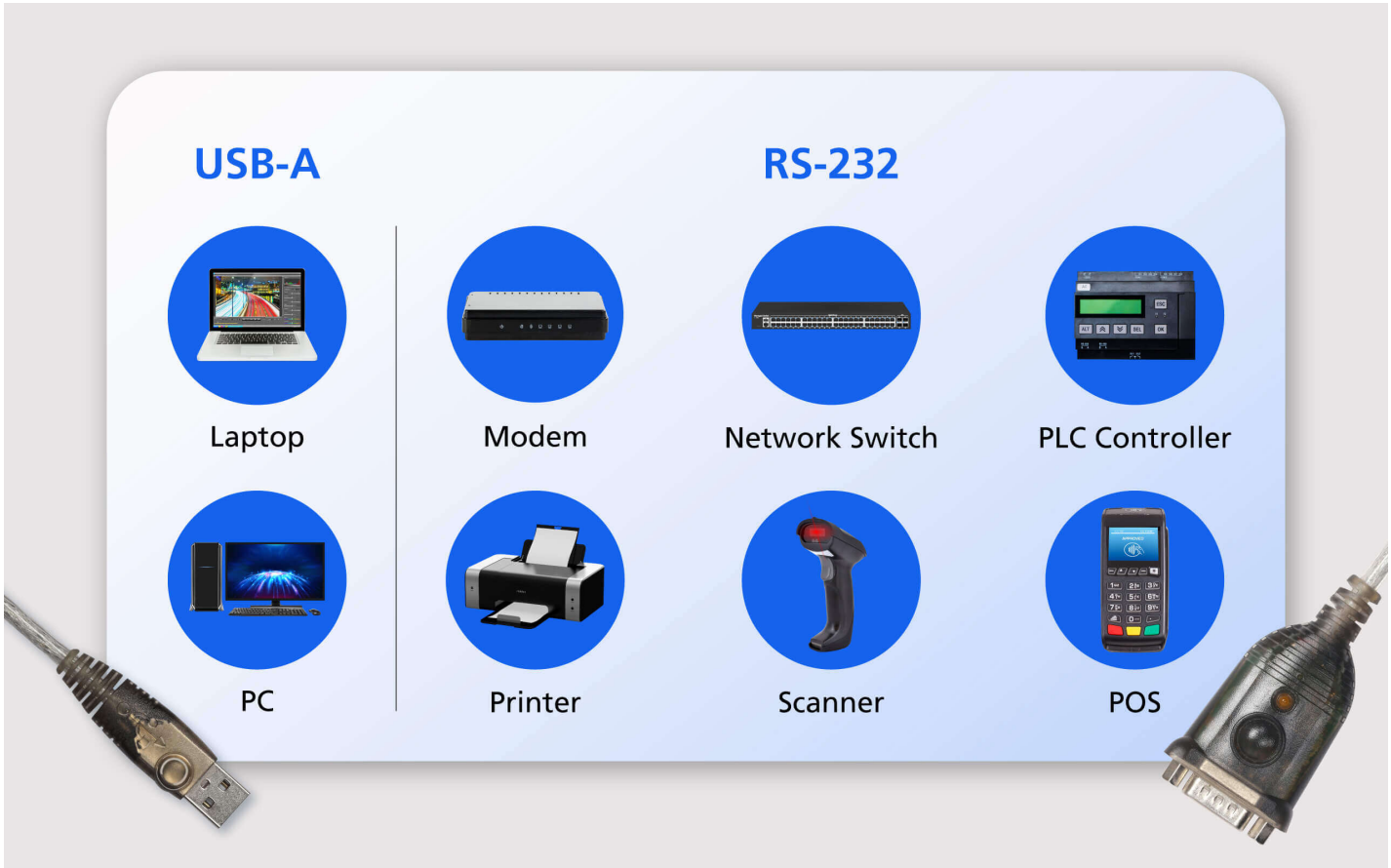
Multi-System Support

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.


Quick Signal Transmission
Shielded Ground Cable
Thick Power Cable
Flexible PVC Jacket
Insulation
Anti-EMI
Flame Resistance
Fast Transmission
Reinforced Cable


USB-A
RS-232
Laptop
Modem
Network Switch
PLC Controller
PC
Printer
Scanner
POS

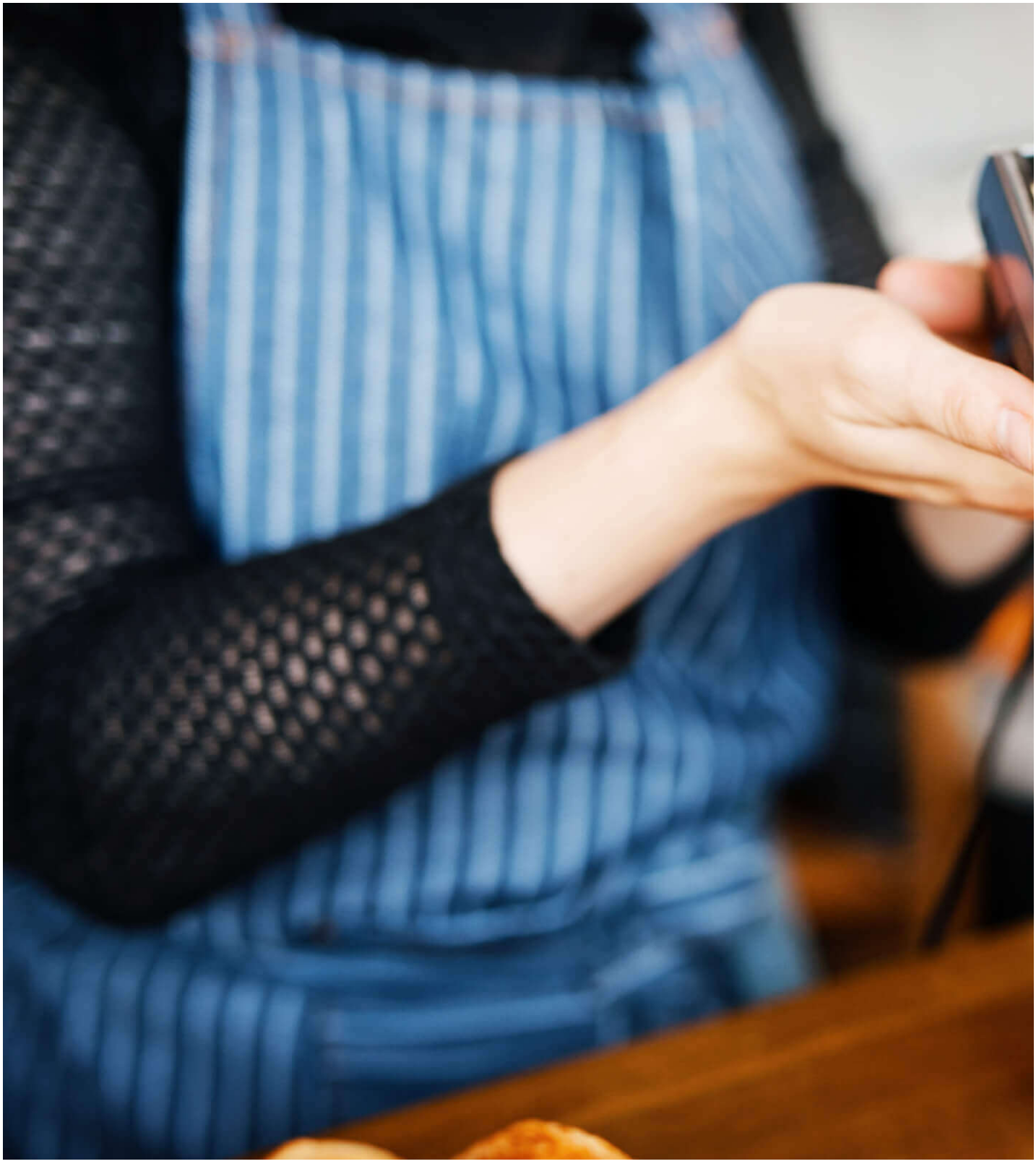
Broadly Compatible with Serial Devices

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

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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.

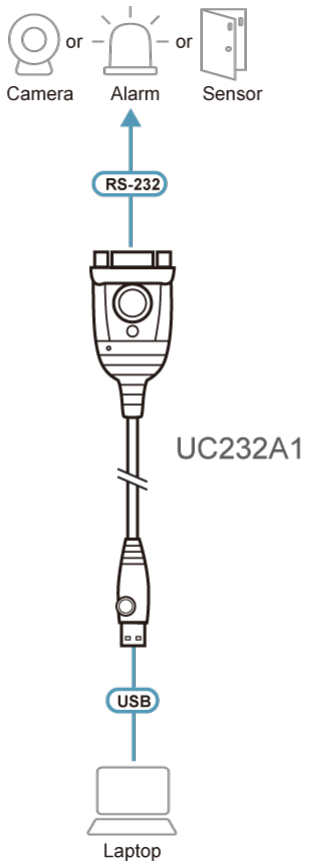
NOTICE
If your Linux kernel is between v2.6.15 ~ v5.4 and your device has a new chipset version, please update the Linux driver
Note: This driver works with 2021 or later chipset version device only.
Use the link below to identify which chipset version your device is
https://eservice.aten.com/eServiceCx/Common/FAQ/view.do?id=18695

- 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
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.)
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.
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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ATEN International Co., Ltd.
3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767
www.aten.com E-mail: marketing@aten.com

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