

## UC4852

2-Port USB to RS-485/422 Hub



The ATEN USB-to-Serial RS-422/485 Hub provides an external plug-and-play RS-422 / RS-485 serial connection for computers, notebooks, laptops, and handheld computing devices that support the USB specification. It provides a quick, simple, and cost-effective solution and is ideal for various communication and automation applications.

ATEN provides 4 models in this series: 2/4-Port USB-to-Serial RS-422/485 Hub; [2/4-Port USB-to-Serial RS-232 Hub](#)

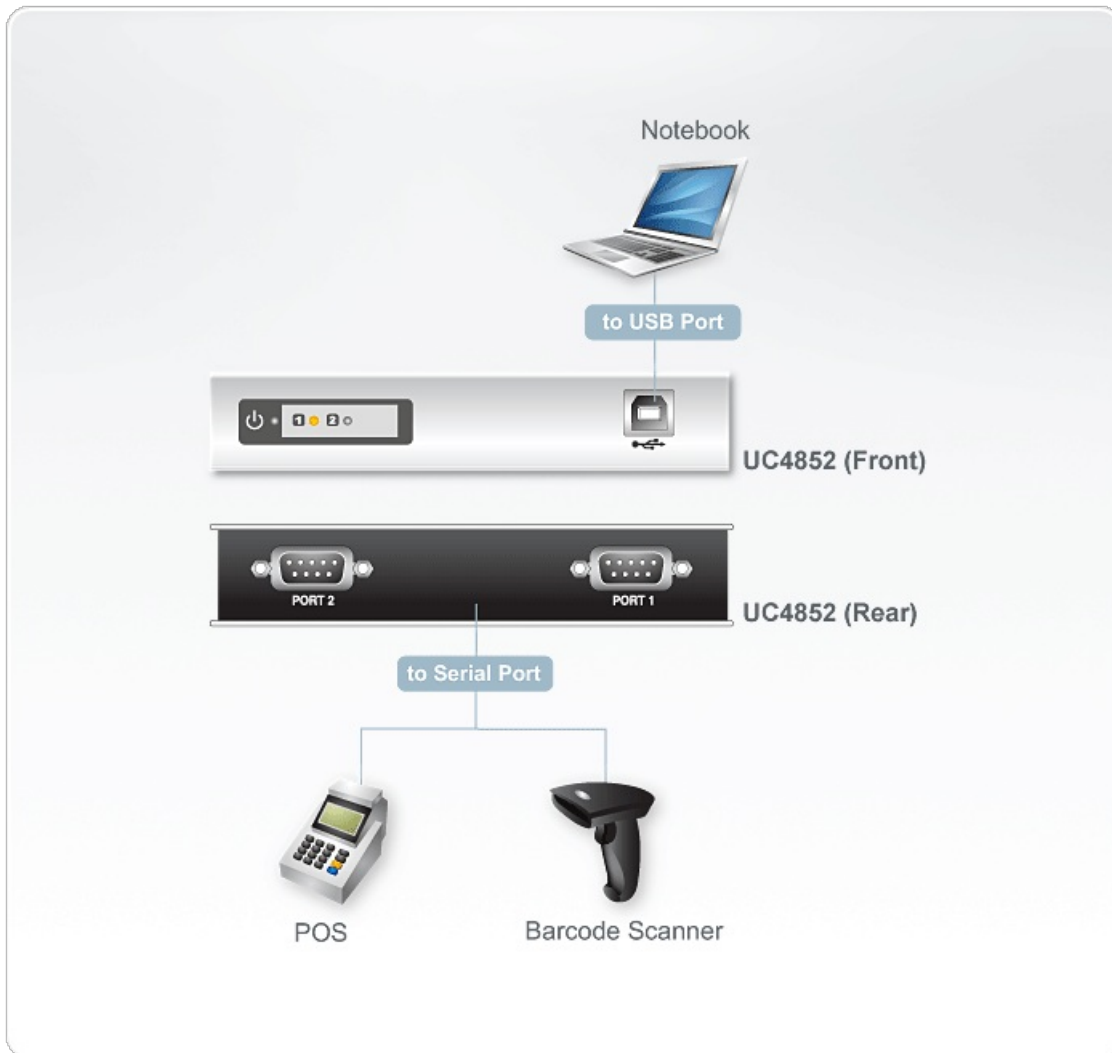
### Features

- Easy way to add 2 RS-422/RS-485 serial ports
- Fully compliant with USB 1.1; USB 2.0 compatible
- Supports RS-422/RS-485 serial interface
- Supports RS-422 or RS-485 signal on individual ports
- Supports automatic handshake mode
- Up to 115.2 Kbps data transfer rate for each serial port
- Dual data buffers for each upstream and downstream data transfer
- No IRQ, DMA, I/O address resources required
- Supports hot-swapping and plug-and-play
- Built-in 16KV ESD protection
- Supports both bus power and external power
- Works with cellular phones, PDAs, digital cameras, modems and ISDN terminal adapters
- OS support - Windows

## Specification

|                        |                                                                                                                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device Connections     | 2                                                                                                                                                                                                                                                                                                         |
| Connectors             |                                                                                                                                                                                                                                                                                                           |
| USB Port               | 1 x USB Type B Female (White)                                                                                                                                                                                                                                                                             |
| Power                  | 1 x DC Jack                                                                                                                                                                                                                                                                                               |
| Serial                 | 2 x DB-9 Male (Black)                                                                                                                                                                                                                                                                                     |
| LEDs                   |                                                                                                                                                                                                                                                                                                           |
| Ports                  | 2 (Green)                                                                                                                                                                                                                                                                                                 |
| Power                  | 1 (Orange)                                                                                                                                                                                                                                                                                                |
| Data Rate              | 115.2 Kbps (max.)                                                                                                                                                                                                                                                                                         |
| USB Specification      | USB 1.1 Compliant; USB 2.0 Compatible                                                                                                                                                                                                                                                                     |
| Power Mode             | Bus Powered; use of Power Adapter is optional                                                                                                                                                                                                                                                             |
| Power Consumption      | DC5V:0.22W:1BTU/h<br><br>Note:<br><ul style="list-style-type: none"> <li>● The measurement in Watts indicates the typical power consumption of the device with no external loading.</li> <li>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</li> </ul> |
| Environmental          |                                                                                                                                                                                                                                                                                                           |
| Operating Temperature  | 0–50°C                                                                                                                                                                                                                                                                                                    |
| Storage Temperature    | -20–60°C                                                                                                                                                                                                                                                                                                  |
| Humidity               | 0–80% RH, Non-condensing                                                                                                                                                                                                                                                                                  |
| Physical Properties    |                                                                                                                                                                                                                                                                                                           |
| Housing                | Metal                                                                                                                                                                                                                                                                                                     |
| Weight                 | 0.30 kg ( 0.66 lb )                                                                                                                                                                                                                                                                                       |
| Dimensions (L x W x H) | 12.50 x 8.00 x 2.50 cm<br>(4.92 x 3.15 x 0.98 in.)                                                                                                                                                                                                                                                        |
| Note                   | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.                                                                                                                                                                           |

## Diagram



### **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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