

UC2322/UC2324/UC4852/UC4854

USB-to -Serial RS-232 Hub USB-to -Serial RS-422/485 Hub

- The ATEN USB-to-Serial Hub provides an external plug-and-play RS-232 / 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:



UC2322 / UC4852

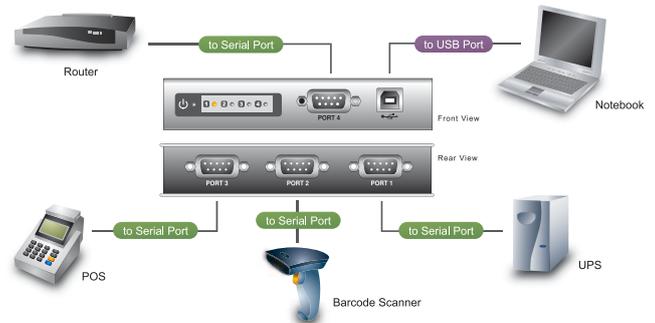


UC2324 / UC4854



Features

- Easy way to add 2 or 4 RS-232/RS-422/RS-485 serial ports
- Fully compliant with USB 1.1; USB 2.0 compatible
- Supports RS-232 (UC2322 / UC2324) or RS-422/RS-485 (UC4852 / UC4854) serial interface
- Each port can independently switch between RS-422 and RS-485 (UC4852 / UC4854)
- Supports automatic handshake mode
- Up to 115.2 Kbps data transfer rate for each serial port
- Supports remote wake up and power management
- 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



Specification

Function	UC2322	UC2324	UC4852	UC4854	
Device Connections	2	4	2	4	
Connectors	USB	1 x USB Type B Female (White)			
	Serial	2 x DB-9 Male (Black)	4 x DB-9 Male (Black)	2 x DB-9 Male (Black)	4 x DB-9 Male (Black)
	Power	1 x DC Jack			
LEDs	Port Status	2 (Green)	4 (Green)	2 (Green)	4 (Green)
	Power	1 (Orange)			
Data Transfer Rate	115.2 Kbps (max.)				
FIFO	16 byte Hardware FIFO				
USB Specification	USB 1.1 Compliant; USB 2.0 Compatible				
RS-422 / RS-485 Selection	N/A		Auto-detect and Switch		
RS-232 Signal	TXD, RXD, RTS, CTS, DTR, DSR, DCD, Ri, GND		N/A		
RS-422 Signal	N/A		TxD+/-, RxD+/-, RTS+/-, CTS+/-, GND		
RS-485 Signal	N/A		Data+/-, GND		
Data Bit	5, 6, 7, 8				
Stop Bit	1, 1.5, 2				
Power Mode	Bus Powered; use of Power Adapter is optional				
Power Consumption	0.5W	0.6W	0.9W	1.0W	
Environment	Operating Temp.	0-50°C			
	Storage Temp.	-20-60°C			
	Humidity	0-80% RH, Non-condensing			
Physical Properties	Housing	Metal			
	Weight	0.30 kg	0.32 kg	0.30 kg	0.32 kg
	Dimensions (L x W x H)	12.50 x 8.00 x 2.50 cm	12.50 x 8.00 x 2.50 cm	12.50 x 8.00 x 2.50 cm	12.50 x 8.00 x 2.50 cm

* The specifications and pictures are subject to change without notice.

