



PMH-RS485/USB

RS485 USB Adapter w/RS422 to USB Support



- One RS422/485 Port over USB Port
- Easy Serial Port Expansion over USB Port
- Supports 4-wire RS422 and 2-wire RS485 applications
- Supports RS485 Auto Transceiver Turn Around
- Supports USB Bus Power
- Hot Swappable and Plug-and-Play Features
- Compact Size for Critical Applications

Name	RS485 USB Adapter w/RS422 to USB Support
Model	PMH-RS485/USB
Standard	Conform to the standards of USB V1.1, EIA RS-485, and RS-422.
USB signal	VCC, DATA+, DATA-, GND, FG
RS-485 signal	T+, T-, GND
RS-422 signal	T+, T-, R+, R-, GND
Communication type	Asynchronous communication, point to point or point to multi-point, 2 lines of half-duplex, and 4 lines of full-duplex.
Communication control	Uses auto-control technology to transfer data and automatically determines and controls the direction of data transfer.
Baud Rate	300~921600 bps, automatic detect the serial port speed.
Load ability	In point to multi-points each converter can connects 32 units of RS-422 or RS-485 interface equipment.
Communication distance	RS-422/RS-485 5000 meter (9600 bps), USB less than 5 meter
Type of communication line	Double twist line or cover line.
Communication speed	921600 bps 300 M 38400 bps 2.4 KM 9600 bps 5 KM
Operating Systems	Windows95/98/2000/XP/Vista/7
Surge Protection	15 KV ESD for all signals
Operation environment	-25°C ~ 70°C, humidity 5% ~ 95%
Power Supply	USB 30 mA @DC5V
Product Weight	80g.
Dimension	55mm × 36mm × 18mm

DB9 PINS	Output	RS-422 Duplex	RS-485 Half Duplex
1	T/R+	Transfer(A+)	RS-485(A+)
2	T/R-	Transfer(B-)	RS-485(B-)
3	RXD+	Receive(A+)	Empty
4	RXD-	Receive(B-)	Empty
5	GND	Ground	Ground
6	N/A		
7	N/A		
8	N/A		
9	N/A		