

# Wireless Module



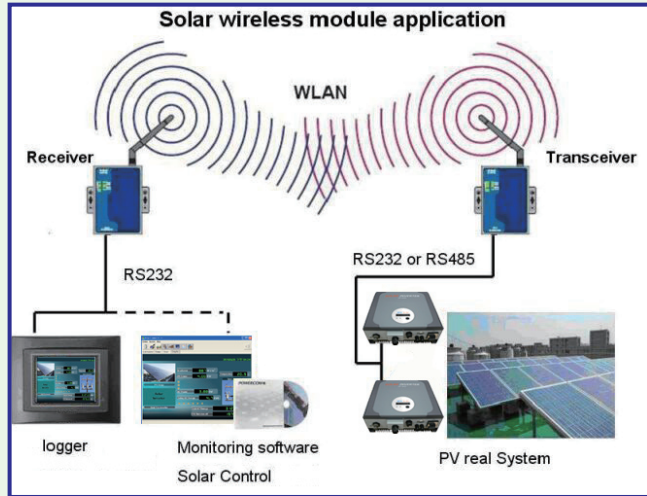
Solar Wireless module Device Servers are the ideal choice for connecting your RS-232/ 422/ 485 serial devices – such as PLCs, meters, and sensors-to an IP-based wireless LAN and Ethernet LAN. Access your software and serial devices from anywhere over a wireless LAN or the Internet.

Features for Solar Wireless Module:

- Connect serial devices to an 802.11b wireless LAN
- 2 or 1 RS-232/ 422/ 485 ports (selected by software)
- 10/ 100M Ethernet port for accessing the web onsole
- TCP Server, TCP Client, UDP

## Communication mode

In the following example, solar wireless module devices establish an peer-to-peer relationship, which means that they communicate with each other directly.

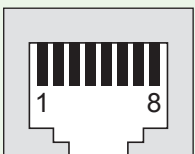


## Features

- Connect serial device to Wireless LAN network
- 802.11b Wireless LAN, compatible with 802.11g
- WEP support for 64-bit and 128-bit encryption
- Password authentication and IP filter
- 10/ 100M Ethernet for console
- 1 or 2 RS-232/ 422/ 485 ports, at up to 230.4 Kbps
- Versatile socket operation modes, including TCP Server, TCP Client, and UDP
- Easy-to –use Windows Utility for mass installation
- Supports Windows and Linux Real COM drivers
- LEDs for link power, and wireless signal strength

## Serial Port Pin Assignments

8-pin RJ45 Port



Pin	RS-232	RS-422	RS-485(4-WIRE)	RS485(2-wire)
1	DSR	---	---	---
2	RTS	TxD+	TxD+	---
3	GND	GND	GND	GND
4	TxD	TxD-	TxD-	---
5	RxD	RxD+	RxD+	Data+
6	DCD	RxD-	RxD-	Data-
7	CTS	---	---	---
8	DTR	---	---	---