



HelloDevice Pro Series, PS110W/210W



Features

- Connects legacy serial devices to 802.11b/g Wi-Fi or 10/100Base-T Ethernet network.
- Supports surge protector for RS232 interface, up to 230Kbps speed.
- Flexible TCP/UDP host mode support: Multiple host connection/data transfer.
- Powerful security support, 64/128-bit WEP, WPA/WPA2 and SSL (Secure Socket Layer)
- Support versatile system logging & port logging
- Configuration via Web, Telnet/SSH, Windows Utility or console.
- Supports RFC 2217, Telnet COM Port Control Protocol.

The Linux-based PS110W and PS210W are

Universal 1/2 port wireless device server that allows your legacy serial devices manageable by 802.11b/g or 10/100Mbps Ethernet network. Users can feel safe applying the PS110W and the PS210W in real world applications, since all models are equipped with surge protectors for serial ports.

Included features are full-featured system management functionality of system status display, firmware upgrade, remote reset and system log display by using various accessibility options such as, telnet, serial console port or web.

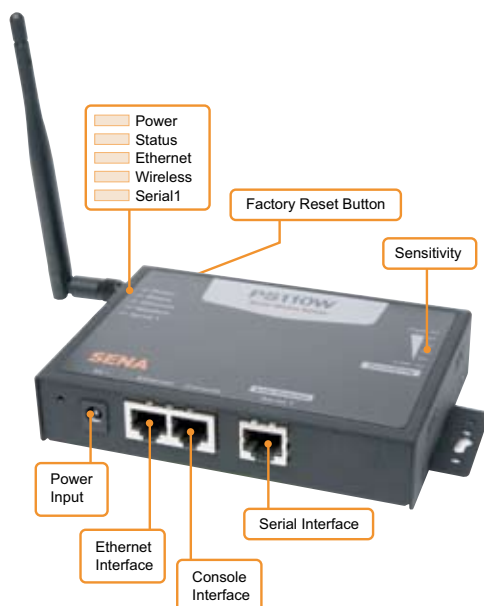
For critical applications of secure data communication, the PS110W and the PS210W support SSL/TLS for data encryption, HTTPS, SSH, and such wireless security protocols as 64/128-bit WEP, WPA/WPA2.

It also supports telnet COM port control protocol, i.e. RFC2217 which enables user devices to deliver the pin status information to the serial application. In modem emulation mode, the unit accepts modem AT commands on the serial port and establishes a secure network connection to the end device, providing a cost-effective solution by eliminating dedicated modems and phone lines.

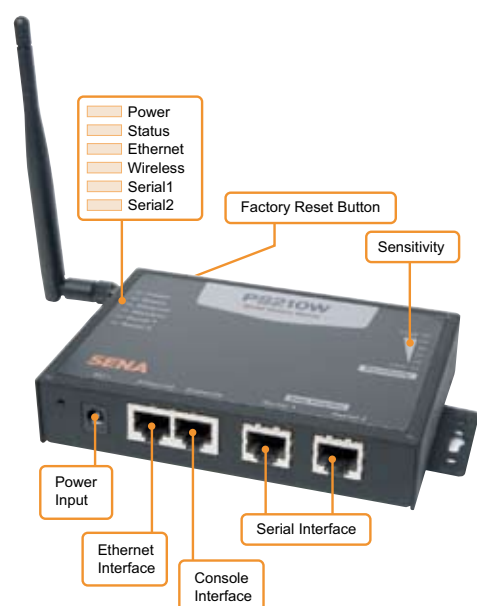
The PS110W and the PS210W are the ideal wireless M2M solution for the users who are looking for the cost-effective, most secure, scalable linux-based serial device servers for their RS232 serial devices.

Panel Layout

▶ PS110W



▶ PS210W





Specifications

Serial Interface

- Serial speeds 300bps to 230kbps
- RJ45 connector
- Flow Control : H/W and S/W
- Signals : RS232 / Rx, Tx, RTS, CTS, DSR, DTR, DCD, GND
- Surge protector equipped for each serial port : IEC 6100-4-2(ESD) 15kV(air), 8kV(contact)

Network Interface

- 802.11b/g Wi-Fi
- 10/100 Base-T Ethernet with RJ45 Ethernet connector
- Supports static and dynamic IP address

Protocols

- ARP, IP/ICMP, TCP, UDP
- Telnet/SSH
- DNS, Dynamic DNS, HTTP, SMTP, DHCP
- SNMP v1 & v2, SSL v3
- Serial Port Access protocol : TCP, UDP, SSL v3, RFC-2217

Ethernet modem

- Full AT command set support

Security

- 64/128-bit WEP, WPA/WPA2
- SSH, SSL, HTTPS
- IP address filtering
- Data Encryption

Management

- Web, Console, Telnet / SSH
- HelloDevice Manager software
- O/S support : Windows 98/ME/NT/2000/XP

Logging

- Versatile system logging support for all system events
- Serial port data logging

Firmware

- Upgrade using console, telnet/SSH and web

Diagnostic LED

- PS110W : Power, Status, Ethernet, Wireless, Serial1
- PS210W : Power, Status, Ethernet, Wireless, Serial1, Serial2

Power

- 5VDC, 0.90A@5VDC

Environmental

- Operating temperature : 0°C to 50°C
- Storage temperature : -20°C to 66°C
- Humidity : 90% Non-condensing

Physical properties

- PS110W : 92 x 128 x 26 (mm)
3.62 x 5.04 x 1.02 (in.) / 390g
- PS210W : 92 x 128 x 26 (mm)
3.62 x 5.04 x 1.02 (in.) / 400g

MTBF

- PS110W : 31.12 years
- PS210W : 30.42 years

Certification

- FCC(A), CE(A), Telec

Warranty

- 5-year limited warranty

Ordering Information

- PS110W** HelloDevice Pro110W single-port wireless device server
PS210W HelloDevice Pro210W 2-port wireless device server

Includes

- DC Power Adapter
- Dipole Antenna
- Ethernet straight cable(PS110W : 1EA, PS210W : 2EA)
- RJ45-DB9 female adapter(cross-over)
- RJ45-DB9 male adapter(straight) (PS110W : 1EA, PS210W : 2EA)
- Quick Start Guide
- CD-ROM

Optional Accessories

- DIN-Rail mount kit



- PAT-G01R : 9dBi Patch Antenna with RP-SMA Plug Right hand Thread Default Cable. (SMA Jack Right hand Thread w/o Default Cable)
- SEC-G01R : 15cm Extension Cable (For SAT-G01R / DAT-G01R / DAT5-G01R)
- RFC-G01R : 1m Extension Cable (For PAT-G01R)

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