

Wireless CPE/AP



SUN-PROOF



RAIN-PROOF



**LIGHTNING
-PROOF**



**FREEZE
-PROOF**



LONG RANGE

1000mw Wireless transmission power

150Mbps

Wireless speed up to 150mbps

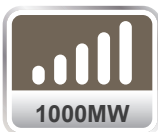
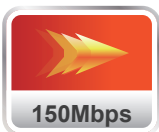
Outdoor High Power Wireless CPE

7OW501

7inova 7OW501 Outdoor High Power Wireless Bridge CPE 150Mbps features up to 1000mw Wireless transmission power, has a built-in 12dBi antenna which provides an efficient way to pick up and maintain a stable signal for a wireless network connection ranging multiple kilometers.

7OW501 Outdoor High Power Wireless Bridge CPE 150Mbps operates seamlessly in the 2.4GHz frequency spectrum and provides wireless data transfer rates of up to 150Mbps. is designed to provide a WISP connection and long distance wireless networking solution.

7OW501 adopts dustproof, waterproof for the case, can work in different outdoor environments. For easy to manage, it supports PoE and remote reset function

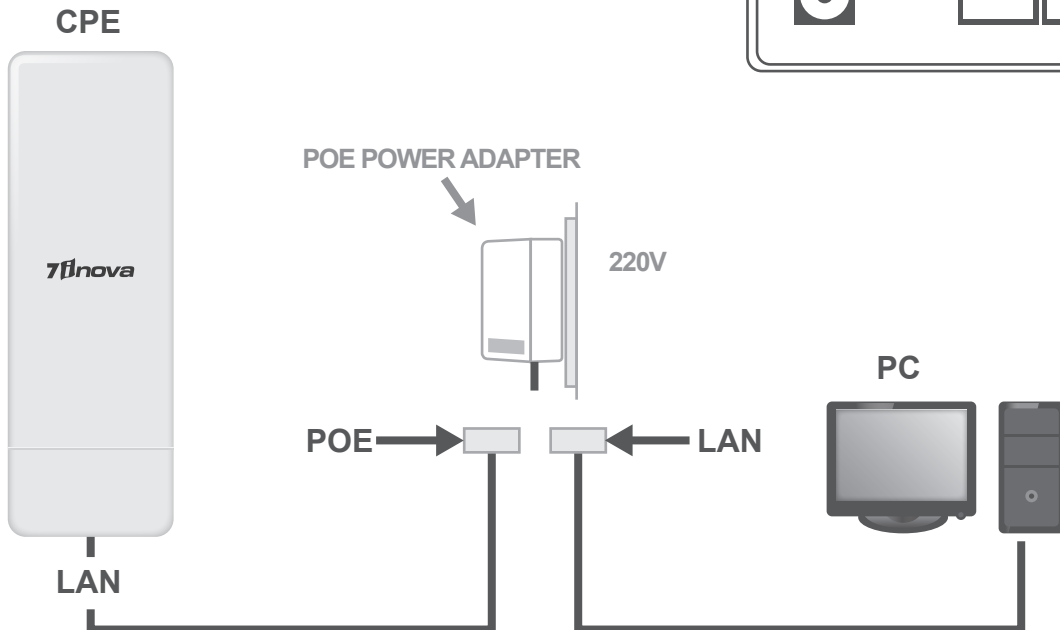
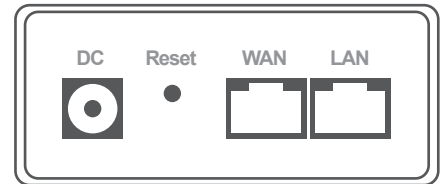


Features

- Wireless speed up to 150Mbps
- Built-in 12dBi high gain directional antennas
- Wireless modes: Gateway / Bridge / WISP / AP / CPE
- Wireless users access control
- WISP mode and AP function can be using at same time
- Supports UPnP, DDNS, static routing, VPN Pass-through
- Supports virtual server, special application and DMZ host ideal for creating a website within your LAN
- Passive PoE Support for Flexible Deployment
- Outdoor ABS waterproof, 4000V lightning/15KV ESD protection design suitable for various environments

CPE Device Interface

WAN port and LAN port support POE 12V/24V power supply



Physical Information

Casing Color: White

Physical Dimensions:

L:235 x W:75 x H:57mm

Unit weight: 200 grams

LED Indicators: Power, WLAN, WAN, LAN

Antenna:

Built-in intelligent omnidirectional antenna

External Connectors:

- 1 x RJ-45 WAN port
- 1 x One RJ-45 LAN port
- 1 x Power Interface
- 1 x Reset to default button/WPS button

Accessories:

- 1 x 7OW501 Outdoor CPE
- 1 x PoE Box & Power Adapter
- 1 x User Manual
- 1 x Mounting Kit



Technical Specifications

Standards:

- IEEE 802.3(Ethernet)
- IEEE 802.3u(Fast Ethernet)
- IEEE 802.11b/g/n(2.4G WLAN)

Frequency Band: 2.4GHz-2.4835GHz

RF: 1T1R

Through Output: 150Mbps

Radio type:

- IEEE 802.11b: DSSS(CCK/DQPSK/DBPSK)
- IEEE 802.11g: OFDM(64-QAM, 16-QAM, QPSK, BPSK)
- IEEE 802.11n: OFDM(BPSK/QPSK/16-QAM/ 64-QAM)

Data Rate:

- 11n: 150/135/121.5/108/81/54/40.5/27/13.5Mbps
- 130/117/104/78/52/39/26/13Mbps
- 65/58.5/52/39/26/19.5/13/6.5Mbps
- 11g: 54/48/36/24/18/12/9/6M (adaptive)
- 11b: 11/5.5/2/1M (adaptive)

Access Protocol: CSMA/CA、CSMA/CD、TCP/IP、ICMP、NAT、PPPoE、DHCP、Wired static、Wifi Client、UDP、DDNS

Wireless Mode: Gateway / Bridge / WISP / AP / CPE

Security:

- WEP Encryption-64/128/152 bit
- WPA/WPA2 Personal (WPA-PSK using TKIP or AES)
- WPA/WPA2 Enterprise (WPA-EAP using TKIP)
- Hide SSID
- MAC/IP address &URL filtering
- Wireless STA (Client) connected list

RF Output Power(Typical):

- 802.11n: 25±2dBm for OFDM mode
- 802.11g: 27±2dBm for OFDM mode
- 802.11b: 30±2dBm fro CCK mode

Receive Sensitivity:

- 11n : -72±2dBm@10% PER
- 11g : -75±2dBm@10% PER
- 11b : -92±2dBm@8% PER

Power requirement:

Output DC12V(POE 12V/24V), 1A;Input 110V/220V

Antenna:12dBi Panel Antenna

Operation Temperature: 0°C ~ 40°C ambient temperature

Storage Temperature: -20% ~ 70% ambient temperature

Humidity: 10% ~ 90% (Non-condensing)

NOTE: Specifications subject to change without prior notice.

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