W446

IEEE802.11n Wireless Router

Introduction

The IEEE802.11n Wireless Router is compatible with IEEE802.11n draft 2.0 standard, which supports data rate up to 300 Mbps in 2.4 GHz band, which is also compatible with IEEE 802.11b/g wireless devices. The router allows multiple users to share one broadband connection, as well as secures your private network. With its built-in 4-port switch and wireless AP, LAN users can share files, printers, or playing network games all at a blazing speed.

To provide a secure wireless network, this router supports wireless data encryption with 64/128-bit WEP, WPA and WPA2. Network Address Translation (NAT) Firewall is also support to shield your communications and network from hackers and wireless eavesdroppers.

Key features

- Compatible with IEEE 802.11n draft 2.0, 802.11b/g wireless standards.
- Provides three 802.11n/b/g wireless Reverse SMA detachable antennas (Standard 2dB)
- Supports 2.4 GHz frequency band, MIMO 1T2R
- High speed transfer TX/RX rate up to 150/300Mbps
- Supports wireless data encryption with 64/128-bit WEP, WPA, and WPA2
- Supports authentication for wireless connectivity based on ESSID
- Provides MAC access control and hidden SSID function
- WDS supported with WEP, TKIP and AES encryption
- Channel: USA 11, Europe 13
- Supports NAT IP Sharing
- Supports WAN connection type-Static IP, PPPoE, PPTP, DHCP client
- Firewall; Virtual DMZ; DNS relay; UPnP
- Provides DHCP server
- Supports DDNS (DynDNS, TZO)
- Supports WMM
- Supports firmware upgrade function via Web
- Supports system log
- Compliant with FCC Part 15.247 for US, ETS 300 328 for Europe
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Product specifications

Standards
IEEE 802.11n draft 2.0, IEEE 802.11g, IEEE 802.11b, IEEE 802.3, IEEE 802.3u

Interface
LAN: 4 ports 10/100Mbps Ethernet, RJ-45
WAN: One RJ-45 port
2* reverse SMA detachable antennas (Standard 2dB)
1* reset to factory default button
1* EZsetup button

Security
64/128-bit WEP, WPA, WPA2

Receiver Sensitivity
802.11b-86dBm, 802.11g-74dBm,
802.11n -65dBm

Channel
USA 11, Europe 13

Transmit Power
802.11b 18dBm, 802.11g 14.5dBm,
802.11n 20MHz and 802.11n 40MHz 14dBm

Range Coverage
Indoor 35~100 meters
Outdoor 100~300 meters

LED Display
1*Power, 1*WAN, 4*LAN, 1*WLAN

Environmental
Temperature:
    Operating: 0° ~ 40°C, storage: −10° ~ 70°C
Humidity:
    Operating: 10 ~ 90% RH, non-condensing
    Storage: 5~95% RH, non-condensing

Dimensions
150x80x30mm

Certification
FCC Class B, CE Mark

Power
External: DC 12V, 1A

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