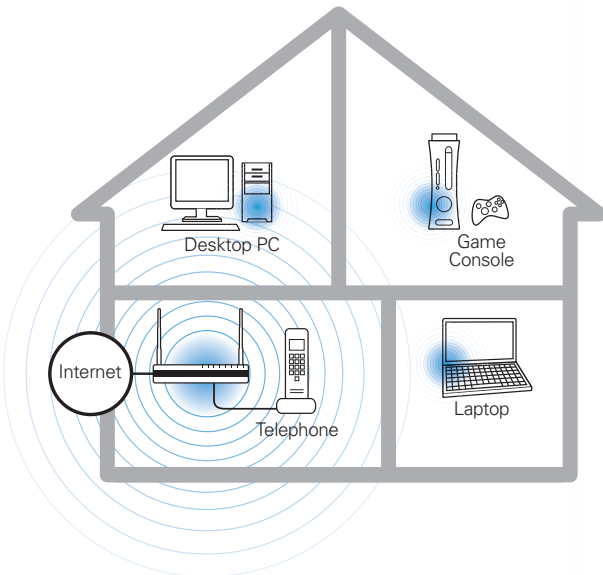


READYNET VWRT510 VOIP WIRELESS N ROUTER

Surf, make Internet phone calls, play online games, stream movies, and network with other devices; The ReadyNet VWRT510 is an all-in-one solution for home, home office, or small business.

The ReadyNet VWRT510 VoIP Wireless Router combines Ethernet, wireless, and VoIP into a single, feature rich, cost effective solution. This is ideal for home users, home offices, and small offices. The ReadyNet VWRT510 not only provides high quality voice communications and wired Internet sharing capabilities but also offers IEEE 802.11 n wireless transmission speeds of up to 300Mbps.

With advanced router features including Quality of Service (QoS), the ReadyNet VWRT510 is able to make calls using SIP proxy voice communications. It uses the SIP V2 and 802.11n standards and is compatible with most service providers. It features 1 FXS telephone port, 5 10/100Mbps Ethernet ports and 1 Wireless N access point.



FEATURES

- One FXS port for VoIP (SIP)
- (1) WAN and (4) LAN 100BASE-T RJ-45 Ethernet Ports (IEEE 802.3)
- 802.11 n - up to 300Mbps wireless
- 5dBi external antennas
- Hardware NAT, DHCP, security and QoS
- 3-way conference, call hold/forwarding/transfer/waiting
- Option 66, TFTP, HTTP, HTTPS and TR-069 for provisioning

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GENERAL SPECIFICATIONS

I/O Interface

- 1 RJ-45 port for WAN (Ethernet 10/100 Base-T)
- 4 RJ-45 ports for LAN (Ethernet 10/100 Base-T)
- 1 RJ11 for FXS port
- 1 Wireless 802.11n up to 300Mbps

Antenna

- Two 5dBi antenna for IEEE802.11n 2T2R wireless

Wireless Features

- 1 IEEE 802.11 b/g/n support
- 4 SSID
- Static WEP(64/128bit)
- Dynamic WEP(64/128bit)
- AES(CCMP/TKIP)
- MAC certification
- WEP certification
- WPA-PAK/WPA-PSK(2.0)
- WPA/WPA2
- AP isolation and MBSSID AP isolation
- WMM
- WDS
- WPS
- Station list
- Radius certification and billing
- MAC filter (different from wired MAC Filter)

Protocols

- SIP V2 (RFC 3261, 3262, 3263, 3264)
- Backward compatible with RFC2543
- Session timer (RFC4028)
- DP (RFC2327)
- RTP/RTCP (RFC823/903)
- NAPTR for SIP URI lookup (RFC2915)
- STUN (RFC2030)
- ARP/RARP (RFC 826/903)
- SNTP (RFC 2030)
- DHCP/PPPoE
- HTTP Server for web management
- TFTP/HTTP for auto provisioning
- Message waiting indicator (RFC3842)
- DHCP option codes for SIP (RFC3361)
- DNS/DNS SRV (RFC1706 and RFC 2782)
- IEEE802.1Q VLAN/802.1p and IP DSCP

Network Protocols

- NAT mode and Bridge mode
- DDNS support
- Mac address cloning
- SIP proxy redundancy
- NAT Traversal by STUN
- DHCP Server and Client
- IP conflict detection
- VLAN
- Flow control
- Port forwarding and DMZ host
- Rate limit per port
- Broadcast storm control
- Classification by physical port, IP port, 802.1p, DSCP and TCP/UDP port
- Marking by 802.1p and DSCP
- Mac filter per port

VPN Pass-Through

- VPN pass through (PPTP, L2TP and IPSec)

Security Support

- Packet filter for port, IP address, protocol and physical port
- Firewall defend attack and UDP flooding

Management

- Remote Provisioning and Firmware Upgrade
- Auto provisioning with TFTP, HTTP/HTTPS
- TR-069
- Multi-level Web management interface
- IVR-driven management interface
- Local and remote Syslog (RFC3164)
- SNTP time synchronization
- Telnet
- SNMP

Operating System Support

- G.711 (A-Law, u-Law) with MOS above 4.0
- G.729 with MOS above 3.6
- Adaptive jitter buffer management
- Voice activity detection
- Comfort noise generation
- Echo cancellation

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GENERAL SPECIFICATIONS

Call Features

- 3-way conference
- Call hold
- Call forwarding
- Call transfer
- Call waiting
- Caller ID and CWCID
- DTMF relay: inband, outband and SIP Info
- QoS Layer 3
- Call log
- CID/CWCID
- Dial plan
- DTMF mode: inband, outband and SIP Info

Power Supply

- AC/DC adapter
- AC input: 100~240V, 50~60Hz
- DC output: 5V, 2A

Environmental

- Operation temperature: 0 to 45 degrees C
- Storage temperature: -25 to 85 degrees C
- Relative humidity: 10% to 90% no condensing
- Shock: up to 75cm (30 inches)

Dimensions

- (L) 180 x (W) 110 x (H) 30 mm

Weight

- 338 g (without packaging)

Accessories

- RJ11 cable x 1
- RJ45 cable x 1
- Power adapter x 1
- User manual x 1

WARRANTY

1 Year Limited Product Warranty