



A02-RAV260-W54

VoIPMaster 260W

Wireless VoIP ADSL2+ Router

- Built-in modem for High-speed Internet Access with ADSL2+
- IEEE802.11g Wireless AP (up to 54Mbps) with WEP/WPA/WPA2 Support
- 4 x 10/100Mbps Fast Ethernet Ports
- One FXS port and 1 FXO port
- 5 dBi Antenna (R-SMA) provides extended coverage
- Extended Firewall with: SPI, DoS, Packet Filter and Parental Control with URL Content Filtering
- Quality of Service (QoS) for Traffic Prioritization and Bandwidth Management
- Dynamic DNS, Virtual Server, UPnP and DMZ
- Easy WEB (and remote) management

Broadband Sharing and IP sharing

VoIPMaster 260W supports 4 x 10/100 Mbps auto-negotiating Fast Ethernet ports for connection to your PC or LAN and downstream (with built-in ADSL2+ modem) rate up to 24Mbps. Power by NAT technology, dozens of network users can surf on the Internet and share the ADSL connection simultaneously by using one ISP account and one single IP address.

Wireless

With integrated IEEE802.11g Wireless Access Point (up to 54Mbps), the device offers quick and easy access among wired network and wireless network. The Wireless Router also supports WPA/WPA2 security, it increases the level of data protection and access control for Wireless LAN. Reverse-SMA 5 dBi Antenna provides extended coverage.

VoIP feature

The device is provided with a FXS port which allows using the normal PSTN phone like an actual VoIP phone. The VoIP feature of the Router allows to make voice phone calls via Internet with an important reduction of the costs. Moreover, with the subscription of a contract with a VoIP service provider, it will be possible to make conversations with normal phones with very low fares. The router integrates RJ11 FXO port for inbound and outbound calls transmitted through PSTN. Users can receive phone calls from PSTN while enjoying VoIP call service at the same time. In addition, the device automatically fallbacks to lifeline POTS to enable making normal phone calls when there is power outage, or when the Internet connection is down.

Security: Firewall & VLAN

This product also serves as an Internet firewall, protecting your network from being accessed by outside users. Not only provide the natural firewall function (Network Address Translation, NAT), it also provides rich firewall features to secure user's network. The VLANs allow to segment the traffic of net and, in this way, they improve management and performance of entire network.

Quality of Service and IP Throttling

QoS gives you full control over which types of outgoing data traffic should be given priority by the router, ensuring important data like gaming packets move through the router at lightning speed, even under heavy load. Using IP Throttling, bandwidth limits can be enforced on any system within your LAN, or even on a particular application.

Easy Configuration and Management

Support web based GUI and Telnet for configuration and management. Also supports remote management (Web and telnet) capability for remote user to configure and manage this product. It incorporates besides a client Dynamic DNS.



VoIPMaster



VoIPMaster 260W

Wireless VoIP ADSL2+ Router

TECHNICAL FEATURES

Interfaces

WAN(ADSL2+): RJ11
LAN: 4 RJ45 10/100 Base-T Ethernet
VoIP: 1 FXS (RJ11) and 1 FXO (RJ11)
12 diagnostic LEDs, Factory default reset button and Power Switch

ADSL

ANSI T1.413 issue 2
ITU-T G.992.1 (G.dmt) (8Mbps download, 1Mbps upload)
G.992.2 (G.lite) (8Mbps download, 1Mbps upload)
G.994.1 (G.hs)

ADSL2

ITU G.992.3 (G.dmt.bis) [12Mbps download, 1 Mbps upload]

ADSL2+

ITU G.992.5 (G.dmt.bisplus) [24Mbps download, 1 Mbps upload]

ATM

ATM AAL2/AAL5 and ATM service class : CBR, UBR, VBR-rt, VBR,
ATM Forum UNI 3.0, 3.1 and 4.0

Wireless

Standard IEEE802.11g and IEEE802.11b
DSSS(Direct Sequence Spread Spectrum)
Modulation: QPSK / BPSK / CCK and OFDM
RF Frequency: 2.400 GHz ~2.4835GHz
Operating Channel: 13 (Europe)
Data Rate (with automatic adaptation): 802.11g (Up to 54Mbps) with Automatic Fall-Back
Coverage Area: [Outdoor <120m / Indoor <35m]
1 x 5 dBi dBi external Antenna (R-SMA)
Wi-Fi Protected Access (WPA-PSK, WPA2-PSK) and WEP 64/128 bit

VoIP

One RJ11 FXS port for connecting to regular telephones
One RJ11 FXO port for lifeline support and receiving calls from PSTN
Compliant with SIP standard (RFC3261)
Supports G.711 A/μ law and G.729A Audio Codec standards
Supports Telephony Features: call waiting, silence suppression, voice activity detection (VAD), comfort noise generation (CNG), G.168 line echo cancellation, caller ID (Bell 202,V23)
Voice over data, QoS control to ensure higher voice quality
Adaptive jitter buffer support
Automatic fallback to lifeline POTS when the router power down or VoIP service is not available.

Protocols

RIP1, RIP2, STATIC ROUTING, IP, ICMP, TCP, UDP, IGMP
Payload encapsulation: [RFC 2364 (PPPoA-VCMux), RFC 2516 (PPPoE-LLC), RFC 1483 Routed (LLC) and Bridge, RFC1577(IPoA)]

Security

NAT, PAP, CHAP
SPI FIREWALL: [Rich packet filter, Content filter, URL blocking and Keywords Filtering, Mac Filtering, Intrusion Detection: DoS attack blocking (IP Spoofing, Ping of Death, Land Attack IP with zero length, Sync flooding, Smurf Attack, Snork Attack, UDP port loop-back, TCP NULL scan)]
System security Log, real time attack alert
VLAN (per port VLAN, ID Vlan)
L2TP/PPTP/IPSec pass-through

Management

Quick Installation Wizard and Auto-scan ADSL settings
Easy Web GUI (also remote), Telnet (also remote) and SNMP (V1,V2 and V3) for configuration
Firmware upgrade from local (Web, Telnet) or remote site (Web, Telnet)
Available Syslog monitoring
Support Internet Application: Web, FTP, ICQ, Telnet, E-Mail, News, Netmeeting, MS messenger, PCanywhere, mIRC, CuSeeme...

Quality of Service and IP Throttling

QoS: The Prioritization functions allow you to specify which packets have priority and should not be delayed, and/or which packets have low priority and should be moved to the end of upload queues.
IP Throttling: Using IP Throttling, bandwidth limits can be enforced on any system within your LAN, or even on a particular application

Advanced Characteristics

UPnP, Virtual Server (port and protocol translation) and DMZ
Dynamic DNS
DNS and DNS relay
DHCP server , DHCP client, DHCP relay
Quality of Service and IP Throttling
SNMP v3, MIB-I and MIB-II support
POP3 email check

Physical and Environmental

Power Consumption: (12V ± 5%, 1A)
Dimensions/ Weight: 175mm x 125mm x 39mm / 350g
Temperature Operating:[0°C to 40°C], Storage:[-20°C to 65°C], Humidity: 5-95% (without condensing)

Package contents

VoIPMaster 260W Wireless VoIP ADSL2+ Router
Vera (Multilanguage Interactive Tutorial)
1 x 5 dBi Antenna (R-SMA)
CDRom with online manual (English, French and Italian) and SNMP Software
Quick Start Guide (English, French, Italian, German and Spanish)
RJ11 ADSL/telephone cable, CAT5 LAN cable, Console Cable (LAN-RS232)
AC/DC power adapter (12V, 1A)

All rights registered

Microsoft and Windows are registered trademarks of Microsoft Corporation

All trade names and marks are registered trademarks of respective companies

Specifications are subjected to change without prior notice. No liability for technical errors and/or omissions

The router may require firmware modification for certain ADSL2/2+Annex M DSLAMS.

Performance and Throughput are influenced by many factors (interference, noise, environments)

PRODUCT: OnePower 701
CODE: A03-P701
EAN CODE: 8026974006307