



Netopia[®] 3387WG-VGx

4-port Ethernet High-Performance Wireless Gateway

Full-featured wireless router for the savvy home networker or ambitious small business

Highlights

Four-port Ethernet switch supports single-PC households and home- or small-office networking

3D Reach[®] Extreme technology for increased Wi-Fi[®] range and performance

Perfect wireless gateway for a GPON multi-user deployment

Friendly installation for simple setup

Robust security features protect PCs and other networked devices from unwanted intrusions

Advanced features help service providers monetize broadband networks while improving efficiency and reducing costs

PRODUCT OVERVIEW

Performance Optimized. The Motorola Netopia 3387WG-VGx 4-port Ethernet High-Performance Wireless Gateways are designed for the home user who needs to setup a home network for maximum media play or for a small, networked office to conduct essential business activities.

The 3387WG-VGx allows users to connect their existing DSL or cable modem to an Ethernet port and then use up to four 10/100 Ethernet ports and an 802.11b/g wireless access point.

The 3387WG-VGx gateways support the DSL Forum's TR-069 specification for comprehensive remote manageability, which gives service providers many options for managing the device to receive updates without consumer interaction.



Netopia® 3387WG-VGx
4-port Ethernet High-Performance Wireless Gateway

**The Motorola Netopia
3300 Residential Series
Ethernet Gateway
(3387WG-VGx)**

The 3387WG-VGx is an Ethernet router that connects to your existing broadband modem, creating an expandable wireless network to run multiple computers and wireless-enabled network devices. Although only an Ethernet gateway, the 3387 is equipped with all the functionality of the 3300 Series gateways.

Hardware Features

WAN INTERFACE

10/100 Ethernet, RJ-45

LAN INTERFACE

Built-in 802.11b/g Wireless
Four-port 10/100 Ethernet Switch, RJ-45

LEDS: POWER, LINK, STATUS INDICATORS

Power, Link, Status Indicators

PROTOCOL SUPPORT

Bridged or Routed Ethernet Encapsulation
IP Multicast Pass-through

BRIDGING/ROUTING FUNCTIONS

Network Address Translation (NAT), IP Maps, and Pinholes
Static Routes
IP Multicast Outbound Support Through NAT
DHCP Client, Server, and Relay
DNS Proxy
RIP1 and RIP2 on LAN/WAN

SECURITY

Network Address Port Translation (NAPT)
Stateful Firewall
Configurable Firewall Function
Virtual DMZ/IP Pass-through
Denial of Service Protection
Software and Games Control
VPN Pass-through for PPTP, L2TP, and IPSec
IPSec VPN Gateway (upgrade)
DES, 3DES, and IKE
Hash Algorithm Support: MD5 and SHA1

WIRELESS

Antennas	Integrated omni-directional with diversity support
3-D Reach Wi-Fi transmit power	North America 100 mW
Wi-Fi Multimedia (WMM)	
Channel Set	North America 1-11
Supported Data Rates	1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps with auto-rate fallback
Wireless Security	WEP 64-, 128-, 256-bit encryption 802.1x, WPA, WPA-PSK, 802.11i/WPA2
Block Wireless Bridging	
MAC Address Filtering	Transmit Power Control

QOS AND TRAFFIC MANAGEMENT

VGx Virtual Gateway Technology
Diffserv – Differentiated Services
IEEE 802.1p – Priority Bits
IEEE 802.1q – VLAN Tagging
IGMP v2/v3 Snooping/Forwarding with Fast Leave
TR-111 Support

DEVICE MANAGEMENT

TR-069 Remote Management
Remote and Local Management Options via web UI (HTTP) and CLI (Telnet)
Two-Level Password Protected Access
Statistic and Log Reporting, Remote Syslog Support
Seven-layer Layer Diagnostics
SNMP v1 and v2
Utilities: Ping, Traceroute, Reverse DNS

DATA SHEET



Netopia® 3387WG-VGx

4-port Ethernet High-Performance Wireless Gateway

REGULATORY

FCC Part 68, Part 15, Class B

UL Listed, CSA Approval

European EMC and Immunity

CE Mark

Industry Canada

ENVIRONMENTAL

Operating Temperature: 32 °F to 104 °F (0 °C to 40 °C)

Storage Temperature: 32 °F to 158 °F (0 °C to 70 °C)

Relative Humidity: 20% to 80% (Non Condensing)

WEIGHT AND DIMENSIONS

Weight: 2.5 lbs (1,134g) (unit carton)

Dimensions: 1.5 in H, 7.7 in L, 6.7 in W
(3.9 cm x 19.6 cm x 17.1 cm)

COMPATIBILITY

PC	Windows® 98, 98SE, ME, 2000, XP SP2, and Vista™
Macintosh	Ethernet connection



MOTOROLA



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