ZyXEL

ZyXEL green
www.zyxel.com/green

- ■ 802.11n AP function built-in (1x1)
- ■ Standard-based WPS for easy and secure WLAN establishment
- ■ Robust SPI Firewall protection
- ■ Triple Play applications
- ■ Remote provisioning and management through TR-069
- ■ IPv6 support

AMG1202-T10B

Wireless N-lite ADSL2+ 4-port Gateway

150 Mbps High Speed 802.11n ADSL2+ Wireless Gateway

Benefits

802.11n technology for extreme performance and coverage

The ZyXEL AMG1202-T10B featuring 802.11n technology provides the ultimate solution for speed and coverage. With data rate of up to 150 Mbps, the AMG1202-T10B provides stable and reliable wireless connections for high-speed data and multimedia delivery. It eliminates dead zones and extends coverage by using IEEE 802.11n technology and is backward compatible with any IEEE 802.11b/g Wi-Fi certified device.

Wi-Fi Protection Setup (WPS)

Wi-Fi Protected Setup (WPS) is a standard for easy and secure establishment of wireless networks. With WPS, the device will automatically configure a wireless network with a network name (SSID), strong WPA data encryption and authentication. WPS makes the configuration of secure personal wireless networks as simple as pushing a button or entering a Personal Identification Number (PIN) code.

Robust SPI Firewall security

The SPI Firewall works on the network layer by examining header and footer of a packet, and it also ensures the packet belongs to a valid session. Based on Stateful Packet Inspection (SPI), Denial of Service (DoS) and Distributed DoS (DDoS) features, the AMG1202-T10B provides the first-line defense against hackers, network intruders and other harmful threats.

Quality of Service (QoS) support

The AMG1202-T10B comes equipped with essential ATM QoS features. Service providers can freely design their QoS policy and prioritize the mission-critical services such as IPTV and VoIP based on their service plans. This increases network efficiency and productivity to enable service providers to bring real multi-play into the daily life of residential users.

TR-069 remote management

With TR-069 standard management specifications, service providers are able to manage and configure client devices remotely without manual intervention from end users. This unique feature not only offers true "plug-and-play" experience but also reduces the complexity of deployment, and therefore saves operating and maintenance costs for service providers.

| Wireless Scheduling | 802.11 n 150 Mbps | ADSL2+ | WPS | Firewall | TR-069 | IPv6 |

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AMG1202-T10B
Wireless N-lite ADSL2+ 4-port Gateway

Specifications

System Specifications

ADSL Compliance
- ITU 992.1 (G.dmt)
- ITU 992.3 ADSL2 (G.dmt.bis)
- ITU 992.5 ADSL2+
- Reach-Extended ADSL (RE ADSL)
- Annex L/M support

WLAN
- IEEE 802.11n compliance, backward compatible with 11b/g
- Frequency operation: 2.4 GHz
- 64/128 bits WEP data encryption
- WPA/WPA2 (Wi-Fi Protected Access) security
- Support IEEE 802.1x, external Radius server: EAP-MD5, TLS, TTLS
- Wireless scheduler
- Wi-Fi Multimedia (WMM)
- Wi-Fi Protected Setup (WPS)

Router
- NAT (Maximum 2048 sessions)
- SIP ALG pass-through
- NAT port forwarding
- PPPoE pass-through
- Dynamic DNS
- IP Alias
- DHCP server/client/relay
- RIP I/RIP II support
- IGMPv1 and v2 support
- UPnP support
- 802.1Q/1P
- IPv6 support

Firewall
- Stateful Packet Inspection (SPI)
- Denial of Service (DoS) prevention

Security
- Multiple VPN (IPSec, PPTP) pass-through*
- Packet filtering
- URL keyword blocking

Management
- Embedded Web configuration
- TR-069 HTTPS support
- Logs and statistics
- SNMP v1 and v2 with MIB II
- Remote management control: Telnet, FTP, Web, SNMP and DNS
- CLI command via telnet/console

Hardware Specifications
- ADSL port: 1 x RJ-11
- Ethernet port: 4 x RJ-45
- Power input: 9 V DC
- Power push button
- Reset button
- WPS and WLAN on/off hardware button (coexisting)
- Single 3 dbi internal antennas
- LED displays
  - Power
  - Ethernet (1-4)
  - WLAN/WPS
  - DSL
  - Internet

Physical Specifications
- Item dimensions (WxDxH): 164 x 115 x 30 mm (6.45" x 4.53" x 1.18")
- Item weight: 200 g (0.45 lb)
- Packing dimensions (WxDxH): 295 x 145 x 37 mm (11.61" x 5.71" x 1.46")
- Packing weight: 250 g (0.55 lb)

Environmental Specifications

Operating Environment
- Temperature: 0℃ to 40℃（32°F to 104°F）
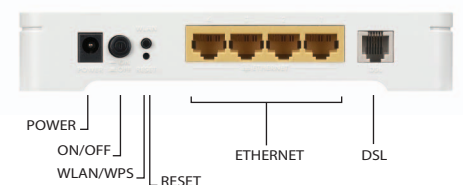- Humidity: 20% to 85% RH (Non-condensing)

Storage Environment
- Temperature: -20℃ to 60℃ （-4°F to 140°F）
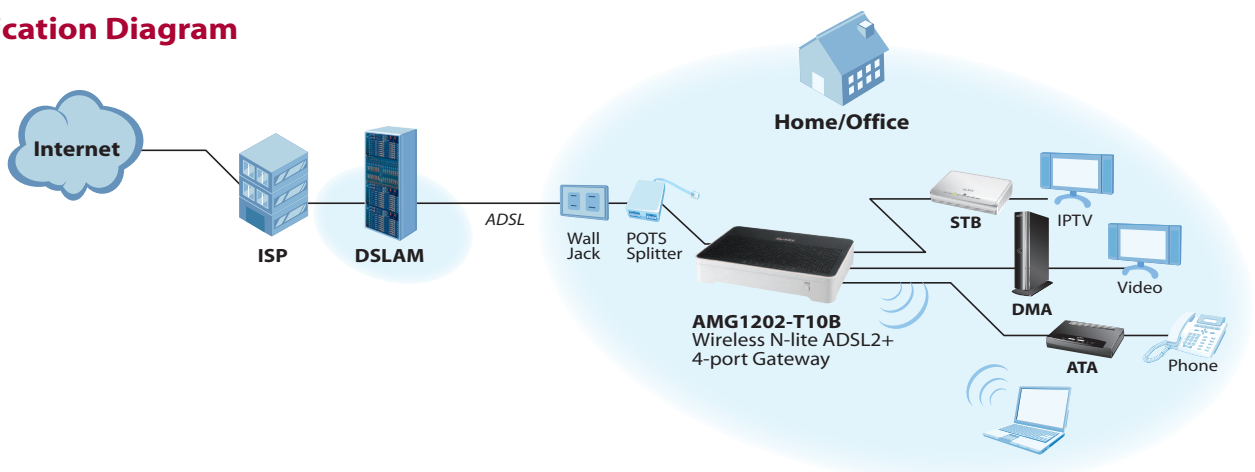- Humidity: 20% to 90% RH (Non-condensing)

Certification
- Safety: CE
- EMI: CE, FCC

Rear Panel

POWER
ON/OFF
WLAN/WPS
RESET
ETHERNET
DSL

Application Diagram

Internet

ISP

DSLAM

ADSL

Wall Jack

POTS Splitter

Home/Office

STB

IPTV

Video

DMA

ATA

Phone

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For more product information, visit us on the web at www.ZyXEL.com

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