ZyXEL

Compact, Flexible and Easy to Use

- **Compact, easy-to-use and easy-to-install design**
- **Integrated firewall protection against Internet attacks**
- **TR-069 remote management**
- **IPv6 supported**
- **Extra USB port for Internet access (AMG1011-T10A)**

Benefits

Compact, easy-to-use and easy-to-install design

The compact design of ZyXEL AMG1001-T10A/AMG1011-T10A is not only neat and simple, but also occupies less home space. With DSL cable, Ethernet cable, and power cord connected, the AMG1001-T10A/AMG1011-T10A work instantly without manual configuration.

High-speed Internet access

The ZyXEL AMG1001-T10A/AMG1011-T10A is an ADSL/ADSL2/ADSL2+ gateway that supports downstream transmission of up to 24 Mbps (ADSL2+); in addition, it supports rate and line status monitoring and management for ISP/Telcos needs. Users can enjoy high-speed ADSL services as well as broadband multimedia applications such as interactive gaming, video streaming and real-time audio easier than ever.

Robust SPI firewall security

The SPI Firewall works on the network layer by examining header and footer of every packet to ensure that the packet belongs to a valid session. Based on Stateful Packet Inspection (SPI), Denial of Service (DoS) and Distributed DoS (DDoS) features, the AMG1001-T10A/AMG1011-T10A provides the first-line defense against hackers, network intruders and other harmful threats.
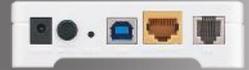
TR-069 remote management

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 allows the ZyXEL AMG1001-T10A/AMG1011-T10A to offer true "plug-and-play" experience and reduce deployment complexity for service providers to save operating and maintenance costs.

IPv6 support

With the IPv4/IPv6 feature, the ZyXEL AMG1001-T10A/AMG1011-T10A helps operators to migrate to the new network architecture smoothly without service disruption. Service providers can avoid double investment since it fits into the existing IPv4 network topology and is also ready for future IPv6 deployments.

ZyXEL green

AMG1001-T10A
AMG1011-T10A

ADSL2+ 1-port Ethernet/ USB Gateway

Specifications

System Specifications

ADSL Compliance
• Support multi-mode standard (ANSI T1.413, Issue 2; G.dmt (G.992.1); G.lite (G992.2))
• EOC specified in ITU-T G.992.1
• ADSL2 G.dmt.bis (G.992.3)
• ADSL2 G.lite.bis (G.992.4)
• ADSL2+ (G.992.5)
• Reach Extended ADSL (RE ADSL)

ATM Protocol
• ADSL physical connection ATM AAL5 (ATM Adaptation Layer Type 5)
• Support multi-protocol over AAL5 (RFC1483/2684)
• Support VC-based and LLC-based multiplexing
• Support up to 8 PVCs
• Support PPP over ATM AAL5 (RFC2364)
• PPP over Ethernet support for DSL connection (RFC 2516)
• I.610 F4/F5 OAM loop-back

Network Protocols
• IP routing
• 802.1d transparent bridging
• IGMP v1&v2
• RIP-1/RIP-2
• ICMP

• TCP/UDP
• DHCP client/server/relay
• DNS proxy
• Dynamic DNS
• UPnP support
• NAT

Management
• FTP for firmware and configuration
• Configuration backup/restore
• Remote management control: Telnet, FTP, and WebUI
• SNMP support
• TR-069 compliance

Hardware Specifications
• ADSL port: 1x RJ-11
• Ethernet LAN port: 1x RJ-45
• USB LAN port: 1x USB type B (AMG1011)
• Power input: 5 V DC
• Power on/off button
• Reset button
• LED display:
  ▪ Power
  ▪ Ethernet
  ▪ DSL
  ▪ Internet
  ▪ USB

Physical Specifications
• Item dimensions (WxDxH): 90 x 80 x 29 mm (3.54" x 3.15" x 1.14")
• Item weight: 91 g (0.2 lb.)
• Packing dimensions (WxDxH): 220 x110 x36 mm (8.66" x 4.33" x 1.42")
• Packing weight: 281 g (0.62 lb.)

Environmental Specifications

Operating Environment
• Temperature: 0°C to 40°C (32°F to 104°F)
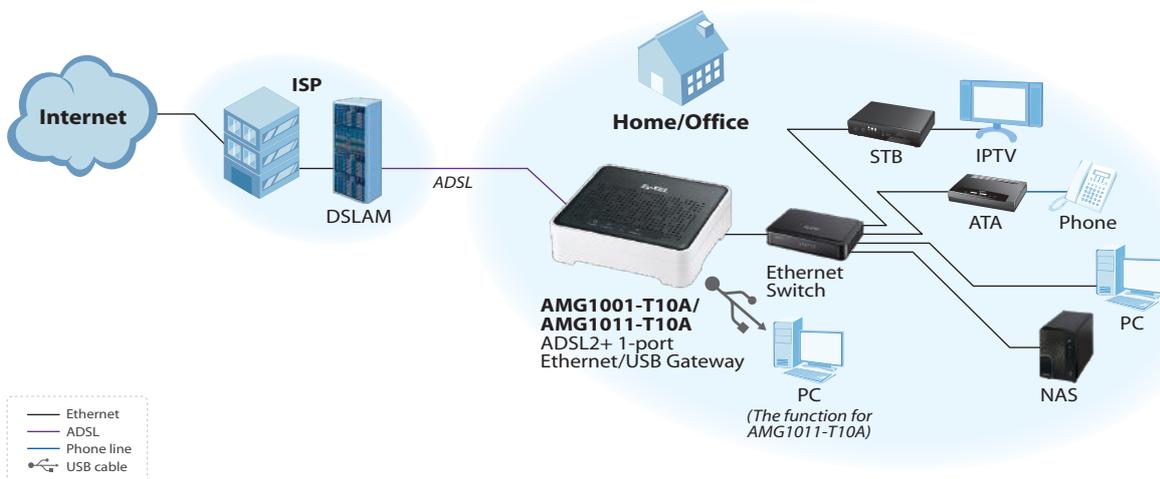• Humidity: 20% to 90% RH (Non-condensing)

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

Certification
• CE, FCC

Application Diagram

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