AGP-1800 Series

GPON/EPON MDU

Product Overview

AGP1800M-G

AGP1800-G4S4

AGP1800M-U-G4S8

AGP1800M-U

AGP1800G

AGP1800-G8S8

Introduction

GPON/EPON MDU is the core interconnection device of enterprise network. As a PON enterprise gateway for small and medium-sized enterprises, the product provides routing and security management functions, integrates optical modem + routing + fixed-line + industry convergence application functions, and automatically delivers all services through one optical fiber, meeting various information requirements such as enterprise communication, office, and entertainment.

❖ **High-speed broadband access**

   Supports uPON (GPON, EPON automatic adaptation), supports multiple Gigabit Ethernet ports, WAN/LAN switching

❖ **Integration of basic functions**

   Integrate data, routing, wireless, VPN, VXLAN, firewall, Voice etc.

❖ **Multiple voice protocols**

   Support voice access of IMS/NGN network, support IETF SIP and ITU-T H.248 protocol, supports common IAD features

❖ **Flexible wireless access**

   Support the business issued automatically, local WEB management, and SNMP/TR069 remote network management.

❖ **Cloud network unified terminal**

Your Route to The Destination

Support to be used as uCPE node for cloud network communication, supports enterprise cloud business access by IPSec

VPN and VxLAN

Product Specification

Hardware Specification						
Model	AGP1800M-G	AGP1800-G4S4	AGP1800M-U-G4S8	AGP1800M-U	AGP1800G	AGP1800-G8S8
WAN/LAN	4GE	4GE	4GE	4GE	8GE	8GE
FXS	0	4	8	16	0	8
Power supply	12V/1A	12V/1.5A	12V/1.5A	12V/3A	12V/1.5A	12V/2A
Consumption	12W	18W	18W	35W	18W	25W
Dimension (L*W*H)	142*119*28mm	212*148*26mm	222*149*43.5mm	320*200*43.5mm	212*148.95*26mm	234*179*43.5mm
WiFi	IEEE802.11b/g/n and Mixed Working mode					
Uplink	1EPON/GPON adaptive					
USB	1 USB port					
Enclosure	Metal material					
Reliability	7 x 24 hours, MTBF> 50000 hours					
Temperature and humidity	-5℃～55℃，<95%（non -condensation）					
Software Function						
UPLINK ACCESS	Supports GE, EPON and GPON adaptive uplink mode, WAN multiple sub-interfaces, PPPoE, DHCP and static IP access modes					
BASIC FUNCTION	Supports bridging, routing, and mixed working modes. Supports DHCP Server, DNS, NAT, routing, EoIP, NTP, VLAN, and multicast，etc.					
IPv6	Supports IPv4/IPv6 dual-stack, IPv6 address management, IPv6 data forwarding, and IPv6 DNS resolution					
WIFI	Support 802.11b/g/n and Mixed working mode (2.4G), multiple SSIDs, automatic rate adjustment, 13 working channels WLAN wireless transmission power adjustable					
VPN	Supports L2TP VPN, IPSec VPN, and PPTP VPN					
QoS	Supports rate limiting based on vlans, IP address segments, ports, and protocols. Support 802.1P and DSCP tags for traffic. Traffic priorities can be set to ensure the bandwidth of critical services					
Security	Supports firewall, access control, content filtering, and Intranet ARP attack defense					
Voice	Supports common IAD functions based on IMS SIP, NGN SIP, and H.248 protocols					
NMS	Support local Web management, SNMP, TR069, SYSLOG remote network management					

Product Advantages

Applicable scenario: small and medium-sized enterprises with 5-50 PC access the Internet at the same time

and 4-16 telephone demands

Your Route to The Destination

Techroutes
N E T W O R K

GPON/EPON gateway is deployed in the enterprise side, suitable for small and medium-sized enterprises, buildings, industrial parks, chain stores, enterprise branches, and shops along the street. A single device can provide data, voice, wireless, and video integration services for an enterprise, and provide basic conditions for the enterprise cloud services.
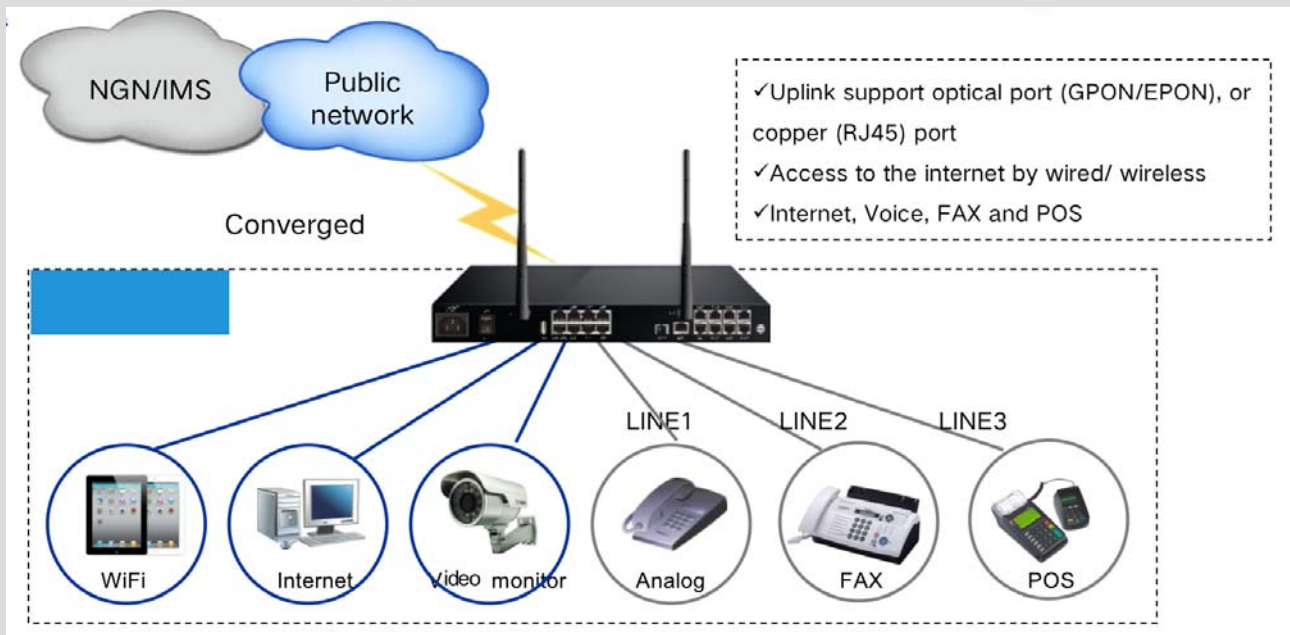
Scene application	Integrated access for small and medium-sized enterprises
Target customer	medium-sized enterprises, buildings, industrial parks, bank, hotel, hospital, chain stores, enterprise branches, and shops along the street
Demand characteristics	Integrated data, voice, and security access requirements
Security service	Firewall, anti-DDoS attack, anti-ARP attack, NAT/PAT, VPN
Internet access control	Traffic statistics and bandwidth management
Number of data users	5 to 50 PC users
Suggested bandwidth	Within 1000M

For More details:
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Your Route to The Destination