Tenda

All for better networking.

HG9
AC1200 Dualband Wi-Fi xPON ONT

HG9

AC1200 Dualband Wi-Fi xPON ONT

Products Description

Tenda's AC1200 Wireless xPON ONT HG9 is a Gigabit Passive Optical Network (PON) terminal , ideal for Fiber to the Home solution. It's an all-in-one device allowing users to access high-speed internet, VoIP, IPTV connection via xPON port and share it wirelessly at 1200Mbps wireless 802.11ac speeds. HG9 provides a perfect terminal solution and future-oriented service supporting capabilities for FTTH deployment.

Product Features

Comprehensive GPON and EPON network compatibility

Complies with ITUG.984.1,ITU G 984.2,ITU G984.3,ITU984.4 and IEEE 802.3ah, HG9 can support GPON and EPON network. Providing you comprehensive-network compatibility. With TR069 and OMCI/OAM remote management, HG9 offers a full remote control without user intervention.

Extremely High speed

Extremely high access speed up to 2.5Gbps downstream and 1.25Gbps upstream (GPON),1.25Gbps downstream and upstream (EPON),High speed xPON ONT, NAT Router,4-port switch and wireless access point provides a all-in-one network solution. Wireless speed up to 1200Mbps makes it an ideal choice for heavy band-width consuming or interruption sensitive applications like online gaming, Inter-net calls and even HD video streaming.
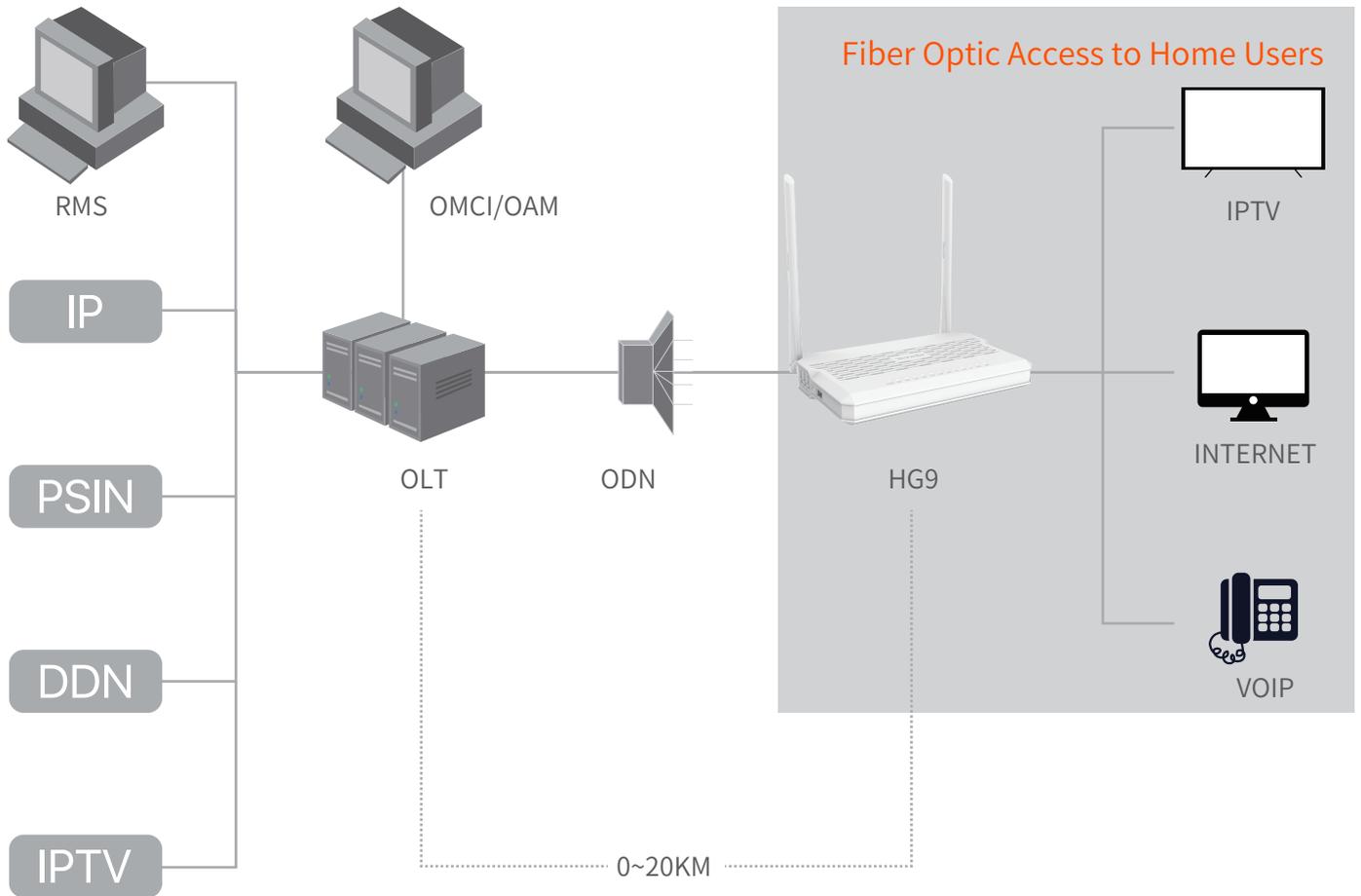
Provide a smooth IPTV experience

Built-in IGMP snooping and proxy combined with 802.1Q VLAN(Virtual LAN) provide a smooth IPTV experience.

Provide multifunctional voice service

Voice service is to realize a variety of new functions on the basis of the origi-nal basic voice call, which mainly includes: call holding, call forwarding, group line and group access, incoming and outgoing restrictions, call backup, call waiting prompt and so on.

Application Scenarios

Fiber Optic Access to Home Users

RMS

OMCI/OAM

IP

PSIN

DDN

IPTV

OLT

ODN

HG9

IPTV

INTERNET

VOIP

0~20KM

Specification

Hardware Features	
Interface	1*SC/APC PON Port, 4*1000Mbps RJ45 LAN Ports, 1*USB Ports, 1*Voip Ports, 1*DC Ports
LED	POWER, INET, PON, LOS, LAN1, LAN2，LAN3, LAN4, ,TEL,2.4G,5G, WPS, USB
Button	1* Power On/Off Button, 1*WPS Button, 1*WLAN Button, 1 RESET Button，1*LED Button,
External Power Supply	12V DC/1.5A
Power Consumption	≤18W
IEEE Standards	IEEE 802, 802.1q, 802.10, IEEE 802.11, 802.3u, 802.3z
PON Standards	ITU G.984.1, ITU G.984.2, ITU G.984.3, ITU G.984.4, IEEE 802.3ah
Optical Module	Class B+
Optical Wavelength	Transmit at 1310nm, Receive at 1490nm
Transmission Distance	0~20Km Max
Bandwidth	Upstream 1.25Gbps Max, Downstream 2.5Gbps Max
Dimensions (Wx Dx H)	165*160*28 mm
Antenna Type	Omni directional
Antenna Gain	2*6dBi
TX Powe	0.5~5dbm
RX Power	-8~-30dBm

Software Features	
WAN Connection Type	PPPoE, Dynamic IP, Static IP, Bridge, Support Multiple WAN connection
DHCP	Server, Client, DHCP Client List, Address Reservation, DHCP relay
Business Type	TR069, Internet, IPTV, VOIP
Quality of Service	Bandwidth Control
Ecurity Function	Mac filter, IP filter, URL filter, Access control
Port Forwarding	Virtual server, Port Triggering, DMZ, ALG, UPnP
VPN Pass-Through	PPTP, L2TP, IPSec Pass-through
Dynamic DNS	DynDns, NO-IP

Specification

Wireless Features	
Wireless Standards	IEEE 802.11 a/b/g/n/ac
Wireless Speeds	Up to 1200Mbps (dynamic)
Frequency	2.4GHz & 5GHz
Antenna	2*5dBi Two Internal/external Antenna
Speed	11n 300M + 11ac 867M
Transmit Power	2.4G: <20dBm(EIRP); 5G: <23dBm(EIRP)
Wireless Functions	Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
Wireless Security	64/128-bit WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption, Wireless MAC Filtering
Others	
Certification	CE, FCC, RoHS
Package Contents	1*HG9, 1*Power Adapter, Quick installation Guide, 1*RJ45 Cable, 1*RJ11 Cable
Environment	Operating Temperature: -10℃~40℃
	Storage Temperature: -40℃~70℃
	Operating Humidity: 10%~90% (non-condensing)
	Storage Humidity: 5%~90% (non-condensing)

SHENZHEN TENDA TECHNOLOGY CO.,LTD.

Tenda Technology Bldg.Int'l E-City,
#1001 Zhong Shan Yuan Rd.,Nanshan District,Shenzhen China.

E-mail:support@tenda.com.cn
Tel:+86-755-2765 7098
Fax:+86-755-2765 7178
PC:518055