HALNY
High Availability Local Networks

HL-4GMV

**GPON Wireless Router with VoIP
WiFi 802.11ac and 802.11n
Dual Frequency Antennas 5Ghz
and 2.4Ghz**

Product description

HALNy GPON Gateway are innovative and powerfull products for business and residential subscribers.

The solution is designed to optimize the deployment and roll-out of the service provider. This include interoperability GPON ONT with advanced support for L2 VLAN's and Multicast IGMP, L3 Routing with NAT, PPPoE and easy to use Provisioning.

HALNy specializes in cost-effective designs, and works closely with service providers to improve their business case through a comprehensive range of standard products, supporting the industry's common demands. HALNy also provides custom designs and services to meet unique customer needs.

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All specifications are subject to change without notice. The above product picture is a sample for reference and may vary. Please check with your supplier for exact offers.
Actual data throughput and WiFi coverage will vary from network conditions and environmental factors, including the volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput and wireless coverage.
Quoted network speeds and bandwidth based on current IEEE specifications. Actual performance may be affected by network and service provider factors, interface type, and other conditions.

Hardware Specification

Memory	128MB Flash 128MB RAM	**Storage Temp.**	-20~70ºC
		Operating Temp.	0 ~ 40ºC
WAN Port	GPON B+ 2.488Gbps Downstream 1.244Gbps Upstream RX Input -10 ~ -27dBm	**Operating Humidity**	10~90 % (non-condensing)
		Power Voltage	DC power jack, 12V/ 1.5 A
LAN Port	4 x port 10/100/1000BASE-T (RJ-45) Auto-sensing, auto-detection MDI/ MDI-X	**Miscellaneous Interfaces**	ON/OFF Power Button WPS Reset Button
WiFi	2x2 802.11ac and 2x2 802.11n Antenna Gain 2*5dBi, External Dual Band		
VoIP	2xFXS		
LED	POWER, PON, LOS, Internet, WLAN 2.4, WLAN 5G, WPS, LAN1-4, Phone1-2		

Software Specification

Routing/Briding	• PPPoE Client • 802.1q • DHCP Server/Client/Relay • NAT and PAT • DNS Relay • IGMP Proxy and Snooping • Multiple WLAN SSID • VPN Pass-through • SNMP • Port Forwarding • UPnP • Firewall	**Telephony**	• SIP • DTMF support • Dial Plan
		GPON	• G.984.4 • AES and FEC
		Provisioning	• OMCI • DHCP XML

Interoperability Test Result

Nokia (Alcatel-Lucent) ISAM FX-4

DASAN V8240/V810x/V58xx

ZTE C320/C220

Huawei OLT series MA56x3T and MA58xx

Cisco/Altice ME4601

FIBERHOME AN5116-06B

Ubiquoss

Zyxel

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