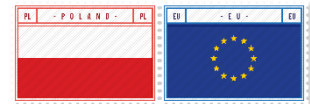


HL-4GQV

**Premium GPON Wireless
Router with VoIP 5Ghz WiFi
4x4 MU-MIMO 802.11ac
1733Mbps
2.4Ghz WiFi 2x2 802.11n 300Mbps**



DEVELOPED IN



Product description

HALNy GPON Gateway are innovative and powerful 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.



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 256MB RAM	Storage Temp.	-20~70°C
WAN Port	GPON B+ 2.488Gbps Downstream 1.244Gbps Upstream RX Input -12 ~ -27dBm	Operating Temp.	0 ~ 40°C
LAN Port	4 x port 10/100/1000BASE-T (RJ-45) Auto-sensing, auto-detection MDI/ MDI-X	Operating Humidity	10~90 % (non-condensing)
WiFi	4x4 802.11ac and 2x2 802.11n Antenna Gain 6*5dBi, External	Power Voltage	DC power jack, 12V/ 2 A
VoIP	2xFXS for telephone service	Miscellaneous Interfaces	ON/OFF Power Button WPS Reset Button
LED	POWER, PON, LOS, Internet, WLAN 2.4, WLAN 5G, WPS, LAN1-4, Phone1-2	Size	240*168*45 (W*D*H)

Software Specification

Routing/Bridging	<ul style="list-style-type: none"> • PPPoE Client • 802.1q • DHCP Server/Client/Relay • NAT and PAT • DNS Relay • IGMP Proxy and Snooping • Multiple WLAN SSID • VPN Pass-through • Port Forwarding • UPnP • Firewall • IPv6 	Telephony	<ul style="list-style-type: none"> • SIP • DTMF support • Dial Plan
		GPON	<ul style="list-style-type: none"> • G.984.4 • AES and FEC
		Provisioning	<ul style="list-style-type: none"> • OMCI • DHCP XML • TR-069 ACS / CWMP

Interoperability Test Result

Nokia (Alcatel-Lucent) ISAM FX-4
 DASAN V8240/V810x/V58xx
 ZTE C320/C220
 Huawei OLT series MA56x3T and MA58xx

Cisco/Altime ME4601
 FIBERHOME AN5116-06B
 Ubiquoss
 Zyxel

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