# HL-4GMV2

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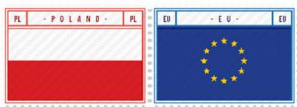Dual Frequency Antennas 5Ghz and
2.4Ghz**

## 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.

**DEVELOPED IN**

| PL | - P O L A N D - | PL | | EU | - E U - | EU |

## Hardware Specification

| | | | |
|---|---|---|---|
| **Memory** | 128MB Flash<br>256MB RAM | **Storage Temp.** | -10~60ºC |
| | | **Operating Temp.** | 0 ~ 45ºC |
| **CPU** | Dual Core 900Mhz | | |
| **WAN Port** | GPON B+<br>2.488Gbps Downstream<br>1.244Gbps Upstream<br>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)<br>Auto-sensing, auto-detection MDI/ MDI-X | **Miscellaneous Interfaces** | ON/OFF Power Button<br>WPS<br>Reset Button |
| **WiFi** | 2x2 802.11ac wave2<br>2x2 802.11n<br>Antenna Gain 2*5dBi, External Dual Band | | |
| **VoIP** | 2xFXS | | |
| **LED** | POWER,  PON,  LOS,  Internet,  WLAN  2.4,<br>WLAN 5G, WPS, LAN1-4, Phone1-2 | | |

## Software Specification

| Routing/Briding | Telephony |
|---|---|
| • PPPoE Client<br>• 802.1q<br>• DHCP Server/Client/Relay<br>• NAT and PAT<br>• DNS Relay<br>• IGMP Proxy and Snooping<br>• Multiple WLAN SSID<br>• VPN Pass-through<br>• SNMP<br>• Port Forwarding<br>• UPnP<br>• Firewall | • SIP<br>• DTMF support<br>• Dial Plan<br><br>**GPON**<br>• G.984.4<br>• AES and FEC<br><br>**Provisioning**<br>• OMCI<br>• TR-069<br>• DHCP 66/67 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