

# HL-1GR

## GPON ONT

**1x10/100/1000 Ethernet**

**1xRF/CATV**



### Product description

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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.

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

<b>Memory</b>	128MB Flash	<b>Storage Temp.</b>	-20~60°C
<b>WAN Port</b>	GPON B+ SC/APC 2.488Gbps Downstream 1.244Gbps Upstream RX Input -10 ~ -27dBm CATV RX +2~ -12dBm CATV 1550-1560nm	<b>Operating Temp.</b>	0 ~ 40°C
<b>LAN Port</b>	1 x port 10/100/1000BASE-T (RJ-45) Auto-sensing, auto-detection MDI/ MDI-X	<b>Operating Humidity</b>	10~90 % (non-condensing)
<b>RF/CATV</b>	RF port F-connector (45~863Mhz) RF Output: >78dBuV	<b>Power Voltage</b>	DC power jack, 12V/ 1A
		<b>Miscellaneous Interfaces</b>	ON/OFF Power Button Reset Button POWER, PON, LOS, LAN, CATV
		<b>LED</b>	162 x 112 x 40 (WxDxH)

## Software Specification

<b>Routing/Bridging</b>	<ul style="list-style-type: none"> <li>• PPPoE Client</li> <li>• 802.1q</li> <li>• QinQ</li> <li>• DHCP Server/Client/Relay</li> <li>• NAT and PAT</li> <li>• DNS Relay</li> <li>• IGMP Proxy and Snooping</li> <li>• VPN Pass-through</li> <li>• SNMP</li> <li>• Port Forwarding</li> <li>• UPnP</li> <li>• Firewall</li> </ul>	<b>GPON</b>	<ul style="list-style-type: none"> <li>• G.984.4</li> <li>• AES and FEC</li> </ul>
		<b>Provisioning</b>	<ul style="list-style-type: none"> <li>• OMCI</li> <li>• DHCP XML</li> <li>• TR-069</li> </ul>

## 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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