**HALNY**
High Availability Local Networks

# HL-2BV

**New generation
GPON ONTs
With 2.5G LAN and VoIP**

## 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**

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

| | | | |
|---|---|---|---|
| **WAN Port** | GPON B+<br>2.488Gbps Downstream<br>1.244Gbps Upstream | **Storage Temp.** | -20~70ºC |
| | | **Operating Temp.** | 0 ~ 40ºC |
| **LAN Port** | 1 x port 2500/1000/100 (RJ45)<br>1 x port 10/100/1000BASE-T (RJ-45)<br>Auto-sensing, auto-detection MDI/ MDI-X | **Operating Humidity** | 10~90 % (non-condensing) |
| | | **Power Voltage** | DC power jack, 12V/ 1A<br>Power consumption <10W |
| **VOIP** | 1xFXS | **Miscellaneous Interfaces** | ON/OFF Power Button<br>Reset Button |
| **Flash** | Dual-system software backup and rollback | **LED** | POWER, PON, LOS, WAN, LAN1-2, PHONE |
| **Mode** | HGU / Home Gateway (OMCI + VEIP)<br>SFU / Single Family Unit (OMCI) | **Size** | 110 x 105 x 32 (WxDxH) |

## Software Specification

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

## Interoperability Test Result

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

Calix
FIBERHOME  AN5116-06B
Ubiquoss
Zyxel