

HL-4BX3V-F

GPON Wireless Router
1xLAN 2500Gbit
3xLAN 1Gbit
WiFi6 AX3000
with VoIP



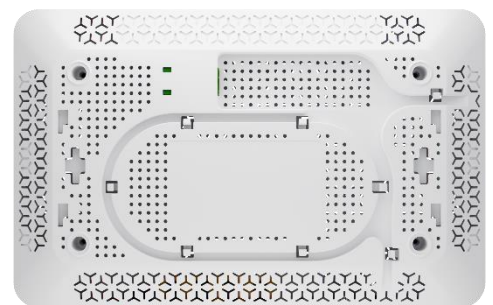
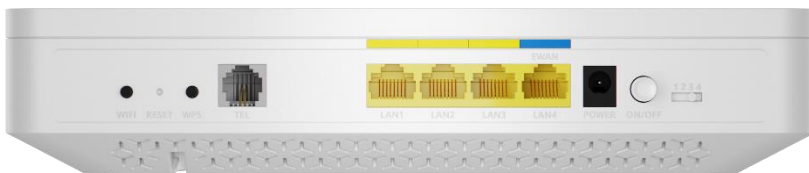
Product description

HALNy GPON Gateway are innovative fiber terminal for business and residential subscribers.

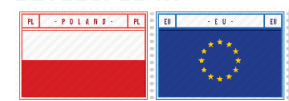
The solution is designed to optimize the deployment and roll-out of the service provider. This include interoperability GPON ONT with advanced support for L2 VLAN's and Multicast IGMP, L3 Routing with NAT, PPPoE and easy to use Provisioning.

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.

Housing can be sold in different colours and with Operators logo on top cover.
Fiber Tray sold separately.



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.

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

WAN Port	GPON B+ 2.488Gbps Downstream 1.244Gbps Upstream RX Input -10 ~ -27dBm	Storage Temp.	-10~60°C
LAN Port	1x2500Base-T (RJ45) 3 x port 10/100/1000BASE-T (RJ-45) Auto-sensing, auto-detection MDI/ MDI-X	Operating Temp.	0 ~ 45°C
WiFi	2T3R AX3000 2.4Ghz and 5Ghz MU-MIMO Antenna Internal	Operating Humidity	10~90 % (non-condensing)
VoIP	1xFXS	Power Voltage	DC power jack, 12V/ 1.5 A
LED	POWER, PON, LOS, Internet, WLAN 2.4, WLAN 5G, WPS, LAN1-4, TEL	Miscellaneous Interfaces	ON/OFF Power Button WPS Reset Button
		Dimension (W x H x D)	225 x 46 x 142

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 • SNMP • Port Forwarding • UPnP • Firewall 	Telephony	<ul style="list-style-type: none"> • SIP • DTMF support • Dial Plan
		GPON	<ul style="list-style-type: none"> • G.984.4 • G.988 • AES and FEC
		Provisioning	<ul style="list-style-type: none"> • OMCI and OpenOMCI • TR-069 • DHCP 66/67 XML
		EasyMesh	<ul style="list-style-type: none"> • EasyMesh Controller • EasyMesh Agent

Interoperability Test Result

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

Cisco/Altime ME4601
 FIBERHOME AN5116-06B
 Ubiquoss
 Zyxel
 Zhone

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