

HALNY

High Availability Local Networks

HLE-4BX3V-F

Ethernet Wireless Router

1x LAN 2.5Gbit

3x LAN 1Gbit

1x 2.5Gbit WAN port

Wi-Fi6 AX3000

With VoIP



Product Description

HALNy CPE / Home Gateways are innovative and powerful products for business and residential subscribers.

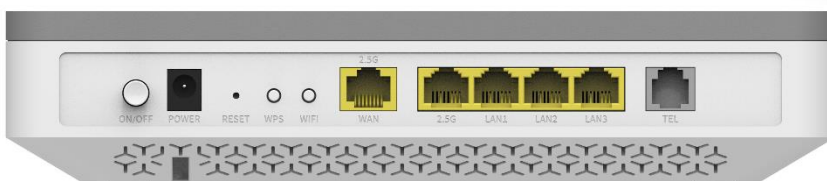
The solution is designed to optimize the deployment and roll-out of the service provider. This includes advanced support for L2 VLANs and Multicast IGMP, L3 Routing with NAT, PPPoE, and easy-to-use Provisioning.

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 with the Operator logo on the top cover.



**DEVELOPED
IN POLAND**



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 Wi-Fi coverage will vary from network conditions and environmental factors, including the volume of network traffic, building material and construction, and network overhead, resulting 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.

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Hardware Specification

Flash / RAM	256MB / 512MB	Storage Temp.	-10°C~60°C (14F~140F)
CPU	Dual Core 1GHz	Operating Temp.	0°C~45°C (32F~113F)
WAN Port	1 x 100/1000/2500Base-T (RJ-45) Auto-sensing, auto-detection MDI/ MDI-X	Operating Humidity	10% ~ 90% (non-condensing)
LAN Port	1 x 100/1000/2500Base-T 3 x port 10/100/1000BASE-T (RJ-45) Auto-sensing, auto-detection MDI/ MDI-X	Power Supply	DC +12V / 1.5A
TEL Port	1 x FXS, RJ11	Buttons	ON/OFF Power WPS, Reset, Wi-Fi
LED	POWER, WAN, NET, LAN3, LAN2, LAN1, LAN 2.5G, WLAN 2.4G, WLAN 5G, TEL, WPS	Dimension (W x D x H)	225 x 142 x 46mm
WIFI	2T2R AX3000 2.4GHz & 5GHz MU-MIMO Internal antennas	Operating Frequencies	802.11b/g/n: 2401-2484 MHz 802.11a/n/ac/ax: 5170-5835 MHz
		Maximum power of the transmitter	2.4 GHz: up to 20 dBm 5 GHz: up to 23 dBm Transmit power control

Software Specification

Provisioning	Easy to use provisioning for all ONT configuration TR-069 OTT Upgrade DHCP 66/67 XML RestAPI / JSON	Routing / Bridging	Router / NAT / PAT PPPoE / DHCP Client Static IP DHCP Server IGMP Proxy VPN Pass-through UPnP DMZ / Port Forwarding IPv4 / IPv6 IPv6 Dual Stack IPv6 DS-Lite IPv6 Firewall RFC-6092 WAN bridge
Management	Predefined MGMT WAN WEB (two user accounts) Remote Syslog Dual Image Support		
EasyMesh	Controller and Agent		
Telephony	SIP, DTMF, Dial Plan		

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Ordering Information

**HLE- 4BX3V-F /
HLE- 4BX3V-F-EU**

HALNY NETWORKS ETHERNET ROUTER, 1XWAN 100/1000/2500, 3-PORT LAN 10/100/1000, WIFI B/G/N/AC/AX 2.4GHZ/5GHZ AX:2X3 AX3000, 1XPOTS, Router/Bridge, with European Power Adapter

HLE- 4BX3V-F-US

HALNY NETWORKS ETHERNET ROUTER, 1XWAN 100/1000/2500, 3-PORT LAN 10/100/1000, WIFI B/G/N/AC/AX 2.4GHZ/5GHZ AX:2X3 AX3000, 1XPOTS, Router/Bridge, with North America Power Adapter

HLE- 4BX3V-F-UK

HALNY NETWORKS ETHERNET ROUTER, 1XWAN 100/1000/2500, 3-PORT LAN 10/100/1000, WIFI B/G/N/AC/AX 2.4GHZ/5GHZ AX:2X3 AX3000, 1XPOTS, Router/Bridge, with United Kingdom Power Adapter

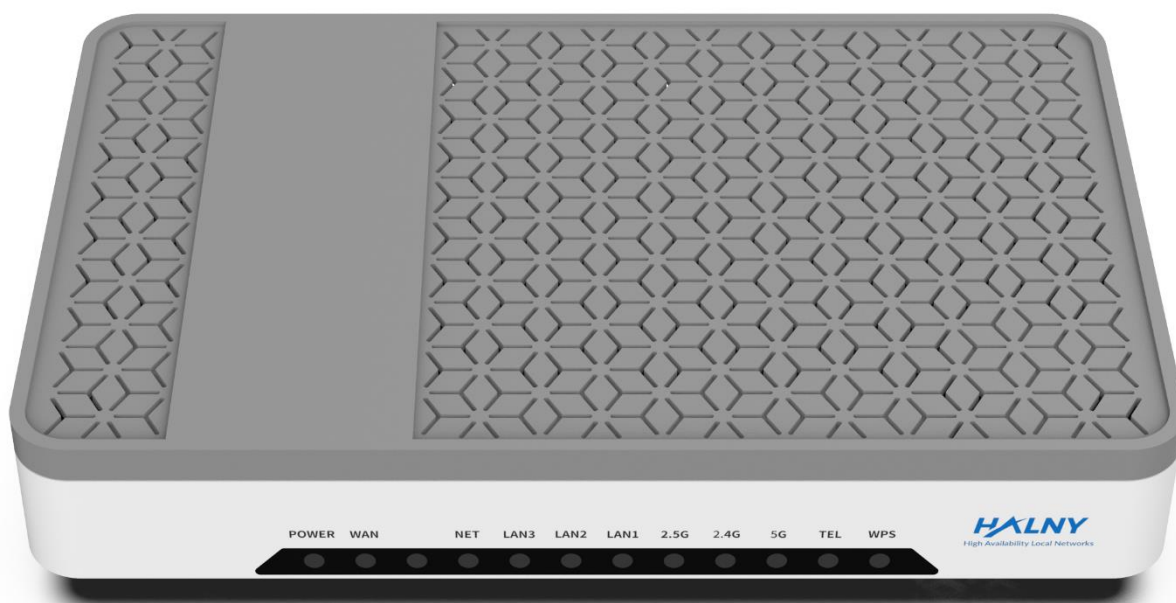
HLE- 4BX3V-F-NOPS

HALNY NETWORKS ETHERNET ROUTER, 1XWAN 100/1000/2500, 3-PORT LAN 10/100/1000, WIFI B/G/N/AC/AX 2.4GHZ/5GHZ AX:2X3 AX3000, 1XPOTS, Router/Bridge, without Power Adapter

HL-FIBER-TRAY

HALNY TRAY FOR ONT/CPE

Please **contact sales** for detailed order information



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