

G.hn CPE Modem

ZS-GHN802T, G.hn Wave-2 CPE Modem Over Phoneline Ethernet Bridge



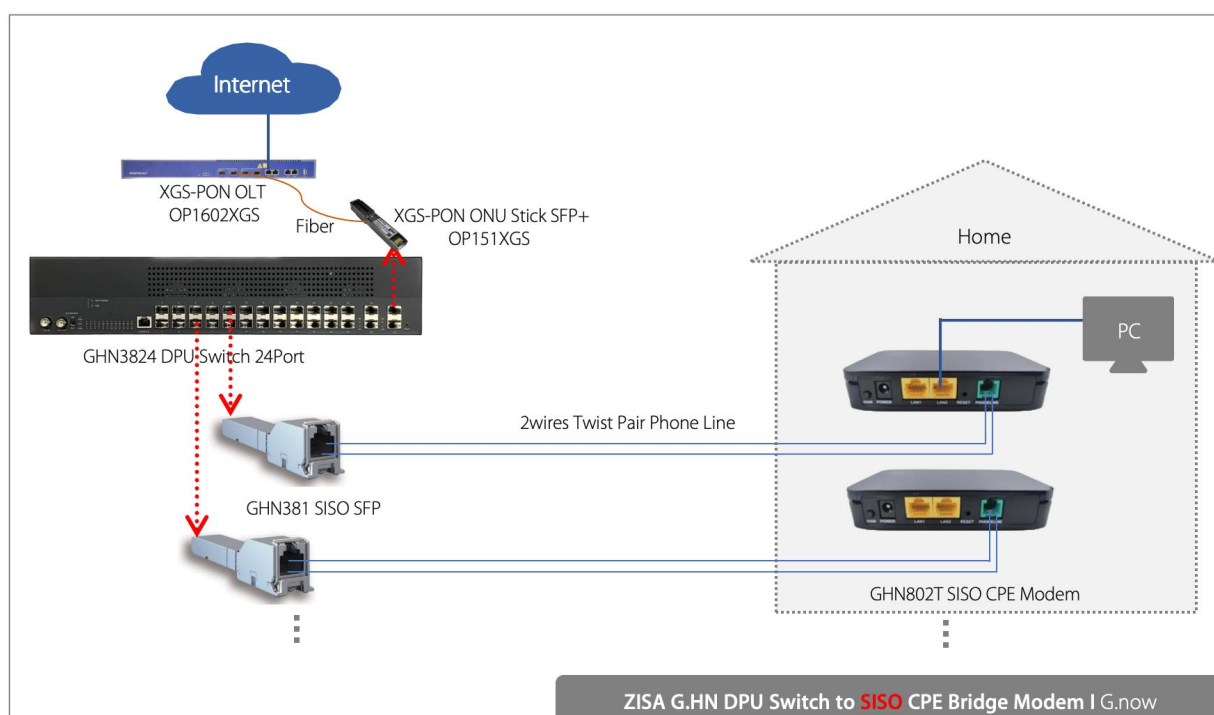
Overview

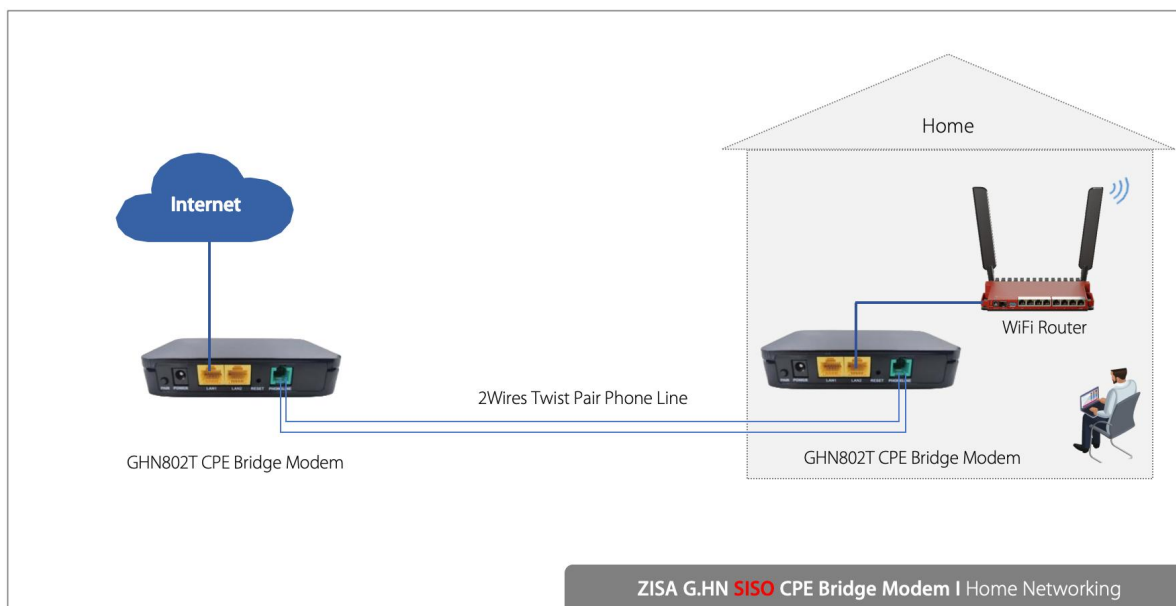
ZISA GHN802T is a high performance G.hn Wave-2 Ethernet bridge CPE for broadband services delivery using either existing phone line twisted pair cables. It integrates a Wave-2 G.hn digital baseband processor along with a corresponding analog front-end, system power supplies and surge protection circuitry into a CPE Modem.

Features

- G.hn, ITU-T G.9960-compliant
- Up to 2 Gbps (PHY rate) ultra-high-speed phoneline network
- GE port × 2
- Working with DPU Switch or Point to Point

Applications





I Specifications

Items	Description
Product Type	G.hn Over Phoneline Ethernet Adaptor
Phone Line connector	RJ-11 4P2C connector for G.hn data transceiver
RJ-45 port	Gigabit Ethernet x 2
PHY Rate	Up to 2Gbps
Frequency Band	2 to 200 MHz
Access Methods	CSMA/CA and TDMA
Main features	<ul style="list-style-type: none"> • ITU Recommendation G.9960 - Physical Layer • ITU Recommendation G.9961 - Data Link Layer • ITU Recommendation G.9962 - Management specification • ITU Recommendation G.9964 -Spectral components • Support QoS
LAN Standards	IEEE 802.3i (10 BASE-T) IEEE 802.3u (100 BASE-TX) IEEE 802.3ab (1000 BASE-TX)
Max. dev in a network Group	Max 16 devices per one network group
IGMP	Support for IPv4/IGMP v1,v2,v3 snooping IPv6 transparent mode (not including multicasting)
Encryption	128-bit Advanced Encryption Standard (AES) encryption with Key management
Temperature	Operating: 0~40°C; Storage: -10~60 °C

Relative Humidity	Operating:10~85% Non-Condensing
	Storage: 5~90% Non-Condensing
Power Source	AC-DC power adaptor 12VDC , 1A
Power Consumption	4 W

I Order Information

Product Name	Product Description
ZS-GHN802T	2*GE LAN Port, 2Wires G.hn twisted pair phone line Bridge Modem, G.now firmware, work with G.hn DPU Switch
ZS-GHN802T-H	2*GE LAN Port, 2Wires G.hn twisted pair phone line Bridge Modem, Home Networking firmware, Point to Point working mode.

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