GL93C

G.hn Customer unit /End Point

The GL93C leverages existing coaxial cabling to deliver high-speed, reliable Ethernet connectivity using advanced G.hn technology. Capable of reaching up to 1.7 Gbps, it offers a cost-effective way to extend broadband access without the need for new wiring, making it ideal for residential buildings, hotels, government facilities, and commercial sites.

Optimized for bandwidth-intensive applications, the GL93C endpoint features two 1 Gbps Ethernet ports, allowing simultaneous connection of multiple devices such as smart TVs, gaming consoles, PCs, and printers. The result is smooth HD streaming, low-latency online gaming, and fast file transfers. Built-in AES 128-bit encryption ensures secure and stable communication across the coax network.

Key Features

- G.hn over existing Coax (WAN)
- 1 Gbps throughput
- 2 Ethernet ports
- Compact and Simple to install
- TV Pass Through

Specification

Interfaces	
Network Interface (WAN)	• G.hn over coax, Coax port, F-type connector • Compliant with the ITU-T G.hn G.9960 / G.9961 / G.9962 / G.9964 • Up to 1.7Gbps, Frequency 2~200MHz
Local (LAN) Network Interfaces	• 2 x 10/100/1000BaseT Ethernet ports. (RJ45)
Other Interfaces	• Coax Port, TV Out (pass through), F-type connector LP & HP diplexer Built-in.
Management Interfaces	• Operating Modes: Bridge • Reset Button – Factory default or restart

G.hn over Coax	
G.hn Wave-2	• ITU-T Standards: G.9960, G.9961, G.9962 Management, G.9964 • Up to 1.7 Gbps with Dynamic Time Allocation to optimize throughput • Frequency Band: Supports OFDM 200 MHz
Topologies supported	• End point in a Point-to-MultiPoint topology, GL9000C as the headend
Security	• Encryption AES-128

Layer 2 and Management	
VLANs	• Controlled through the GL9000aggregation switch

Layer 2 and Management	
DHCP	• DHCP Clien *t
Remote Management	• Remote management through the GL9000C aggregators
IGMP Snooping.	• Supports IPv4 IGMP snooping and Ipv6 MLD
Firmware Upgrade	• Locally, through GL910C
IPv4 and IPv6	• Dual stack
Statistics	• TX, RX bytes and packets on all ports

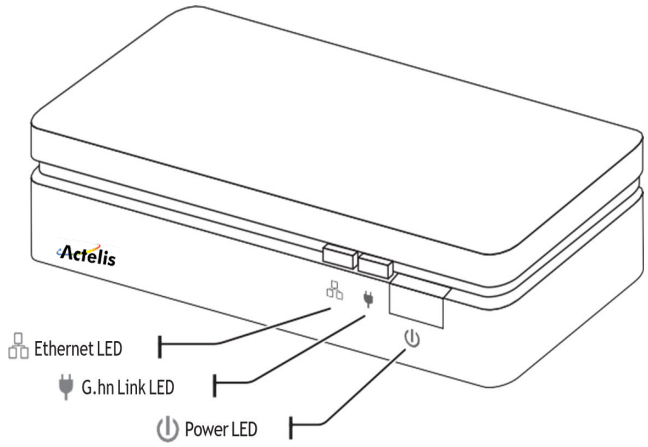
Front Panel LEDs and Buttons	
LAN LEDs	GREEN color for LAN port 2, RED for LAN port 1 • Green SOLID: Port 2 Ethernet link detected. • Green BLINKING: When Port2 Ethernet link is active • Red SOLID: Port 1 Ethernet link detected. • Red BLINKING: When Port 1 Ethernet link is active. • OFF: No Ethernet link detected LAN1: On - Green. • LAN2: On - Green
G.hn link LED	• OFF: Port disconnected, or link failed LED color represents G.hn connection BW • ON **Green** solid: G.hn link PHY rate is > 300Mbps, no data traffic in G.hn link. • ON **Green** Blinking: Sending or receiving data • ON **Amber** - Solid: G.hn link PHY rate is 100 Mbps to 300 Mbps, no data traffic in G.hn link. • ON **Amber** blinking: Sending or receiving data ON **Red** - Solid: G.hn link PHY rate is < 100Mbps, no data traffic in G.hn link. • ON **Red** blinking: sending or receiving data)
POWER	• Green: Power on • Off: power off or failed unit
Buttons (Front)	• RESET: Restore to default settings. • *PAIR: Not applicable (only for G.hn Home Networking)*
Interfaces	• LAN2: Ethernet 100/1000BaseT. • LAN1: Ethernet100/1000BaseT. • COAX: G.hn connection. WAN port. • TV: TV out signal to a TV. • POWER IN: 12V DC power adapter

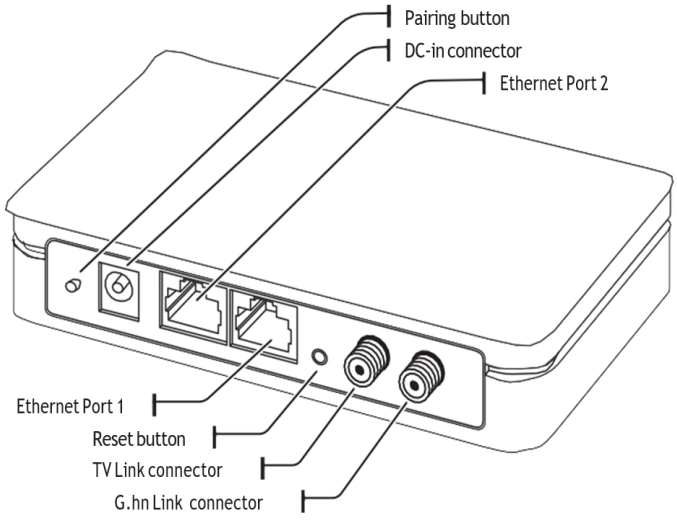
Regulation Certifications
CE-EMC, CE-LVD, FCC Part 15 Class B
UL compliant
ROHS and WEEE compliant
HGF Compliant

\Power	
Input	• DC 12 V / 1A • Power in - AC/DC Adaptor, DC Jack

Physical	
Dimensions (L x W x H) w/stand	• 130 x 80 x 25 mm ; 5.1 x 3.14 x 0.98 inch
Installation	• Desktop unit

Environmental	
Temperature	• Operating Temperature: -10 ~ 40°C • Storage Temperature: –20 °C to 70 °C
Relative Humidity	• Operating: 10 ~ 85% RH (non-condensing) • Storage: 5~90% non-condensing





Actelis Networks, Inc. (NASDAQ: ASNS) is a market leader in hybrid fiber-copper, cyber-hardened networking solutions for rapid deployment in wide-area IoT applications, including government, ITS, military, utility, rail, telecom, and campus networks. Actelis' innovative portfolio offers fiber-grade performance with the flexibility and cost-efficiency of hybrid fiber-copper networks. Through its "Cyber Aware Networking" initiative, Actelis also provides AI-based cyber monitoring and protection for all edge devices, enhancing network security and resilience.

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