GL93C-W Coax to IP Receiver with WiFi

Actelis Gigabit Ethernet over Coax

The **GL93C-W** is the receiver component of a Gigabit ethernet distribution solution that also incorporates a WiFi router which is ideal for Apartments, Hotels-Motels, Senior Living, Office buildings and anywhere else a coaxial network exists and pulling ethernet cable is cost prohibitive.

The GL93C-W is a version of the GL93C that incorporates a Dualband WiFi Router. It features WiFi standards 802.11 a/b/g/n/ ac/ax (WiFi 4/5/6).



Features:

- Compact customer premises device
- 2.4 GHz and 5 GHz WiFi conectivity
- Uses standard G.hn technology
- Two 1 Gbit RJ45 ports
- One F female connector
- Dual internal antennas
- Up to 1.7 Gbit throughput
- Low power consumption ≤ 12W
- AES128 encryption for security
- DHCP Client
- DHCP Server
- IPv4 and IPv6 compatible

GL93C-W Coax to IP Receiver with WiFi

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, Range 500 meters
Local (LAN) Network Interfaces	• 2x 10/100/1000BaseT Ethernet ports. (RJ45) • 1 x 1 Gbps SFP port (optional)
Wireless Interfaces	• WiFi6 IEEE 802.11a/b/g/n/ac/ax • 2.4GHz & 5GHz, Dual-band dual-concurrent (DBDC), Internal antennas
Other Interfaces	• Coax Port, TV Out, F-type connector
Management Interfaces	• Operating Modes: Router / Access Point / 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 compliant • 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, GL910C as headend
Security	• Encryption AES-128

Wireless Capabilities	
Wi-Fi Standards	• IEEE 802.11 a/b/g/n/ac/ax (Wi-Fi 4/5/6) • Support Mesh Wi-Fi
Frequency Bands	• 2.4 GHz: Up to 574 Mbps (20/40 MHz channels) • 5 GHz: Up to 1201 Mbps (40/80 MHz channels)
MIMO & Antenna Configuration	• MIMO: 2x2 MU-MIMO • Antenna Type: 2 Internal
DFS Support	• Yes - Zero-Wait DFS

Wireless Capabilities	
Channel Bandwidth	• 2.4 GHz: 20/40 MHz • 5 GHz: 40/80 MHz
SSID	• Up to 4 SSIDs
Wireless Security	• WPA/WPA2/WPA3-Personal • Wi-Fi Protected Setup (WPS)

GL93C Coax to IP Receiver

Layer 2 Switching	
VLANs	• Optional VLAN per SSID and per Ethernet port
DHCP	• DHCP Server • DHCP Client
Quality of Service	• Supported

Management	
Remote Management	• Full remote management through the GL910C aggregator
Web GUI Interface	• HTTP
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 and SFP LEDs	• On - Green.
WIRELESS LED :	• On Green, WLAN is ready.
G.hn link LED	• On - Color represents G.hn connection BW
POWER	• Green: Power on
POWER On/off button	• Off: Power off or fail
Buttons (Front)	• RESET: Restore to default settings.
Interfaces	• LAN2: Ethernet 100/1000BaseT. • LAN1: Ethernet 100/1000BaseT. • SFP: 1 Gbps SFP port • COAX: G.hn based WAN port. • TV: TV out signal to a TV. • POWER IN: 12V DC power adapter

Certifications	
CE Mark, FCC Part 15 Class A	
UL compliant	

Power	
Input	• On/off button • 90~264VAC 50~60Hz • Power consumption: Idle: 8.2W, Typ.: 11W, Max: 16.2W

Physical	
Dimensions (L x W x H) w/stand	• 5.7 x 3.46 x 8.27 inch • 145 × 80 × 210 mm
FAN	• 1x Fan
Temperature	• Operating Temperature: 0 ~ 40°C • Storage Temperature: –10 °C to 60 °C
Relative Humidity	• Operating: 80% RH (non-condensing)

© Toner Cable Equipment, Inc.

969 Horsham Road • Horsham, Pennsylvania 19044 USA • Phone: 215-675-2053 Fax: 215-675-7543 • info@tonercable.com