

G.hn Wave2 Gateway AC1200

Coax Adapter

G.hn 2Gbps | 200MHz | Built-in Diplexer | 2x GE LAN | 802.11ac | Concurrent DB 2T2R |

GCA-6013



GCA-6013 is designed as CPE (customer premises equipment) for MDU application and Home Networking over coaxial network. GCA-6013 fully complies with ITU-T G.hn standards for coax interface. The integration of the Wi-Fi access point with 2.4GHz and 5GHz bands utilizes the concurrent dual band Wi-Fi radios. The smart Wi-Fi technology Airtime fairness/QoS will also enable the virtualization of Wi-Fi resources, so that Wi-Fi capacity can be dynamically apportioned and provisioned to different devices, services and applications.

There are two coaxial interfaces on the GCA-6013; one is for connecting to the MDU-4640/4620 and the other to the TV set for cable TV service.


KEY FEATURES

- **Super Performance:** With ITU-T G.hn baseband plans, 200MHz for coax, and up to 2Gbps PHY rate over coax.
- **Ultra High Speed Data Transmission:** Of up to 1.7 Gbps dramatically increases the performance of next-generation home entertainment.
- **Diplexer for existence with existing TV service:** With cut-off above 250MHz for existing TV signals, saving the extra cost for deployment.
- **Concurrent Dual Band 11ac:** Utilizing concurrent dual band 2T2R Wi-Fi interfaces, leverage both the 2.4GHz and 5GHz bands to deliver a seamless wireless experience anywhere in the home.

GCA-6013

G.hn 2Gbps | 200MHz | Built-in Diplexer | 2x GE LAN | 802.11ac | Concurrent DB 2T2R |

SPECIFICATIONS

Interfaces	<ul style="list-style-type: none">2x Gigabit Ethernet LANLED Indicators: G.hn, Security, 2.4GHz, 5.0GHz, WPS, LAN1, LAN2, PWRButtons: G.hn pairing, PWR, WiFi ON/OFF, WPS, Reset2x Internal Wi-Fi DB Antenna2x F-type connector
G.hn (Coax)	<ul style="list-style-type: none">ITU-T G.9960 & G.9961 compliantG.hn 200MHzLink rate 2Gbps,Data throughput 1.7Gbps
WLAN (Wi-Fi)	<ul style="list-style-type: none">802.11 b/g/n, 2412 ~ 2484 MHz, BW 20/40M802.11 a/n/ac, 5180 ~ 5825 MHz , Wave-2 compatible with MU-MIMO, BW 20/40/80Concurrent 2.4GHz & 5GHz. 2T2RCompliance DFS @5GHz
Management	<ul style="list-style-type: none">HTTP Web-basedSingle TR-069 entity for G.hn & Wi-Fi functionsTR-069 over IPv4/v6 dual stack
Networking Protocols	<ul style="list-style-type: none">802.1D Ethernet Bridge802.1Q VLANQuality of Service (QoS)IGMP(IPv4) Snooping & MLD(IPv6) Snooping
Cable TV	Frequency: 250MHz to 1.2 GHz
External Power Adapter	Input: AC100-240V, Output: DC12V /1.5A or DV12V / 2.0A 
Dimensions	164.2 mm X 82 mm X 37.7 mm (not including AC/DC PSU)
Certifications	CE, ITU-T G.hn Standard

ENVIRONMENT

Operating Temperature	0 ~ 40 degrees Celsius
Relative Humidity	8 ~ 95% (non-condensing)



WARNING

Disconnect the power line from the device before servicing.
For indoor use only
Do NOT open the casing
Do NOT use near water
Keep away from the fire
For use in ventilated environment / space
This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator & your body.

CE Standards:

EN 55032 / EN 55035
EN 301 489-1 / EN 301 489-17
EN 300 328 / EN 301 893 / EN 62311
EN 62368-1 (Include ErP)



COMTREND

Taiwan:
3F-1, No.10, Lane 609, Chongxin Road, Section 5,
Sanzhong Dist, New Taipei City 241405, Taiwan
Tel: +886-2-29998261

USA & Canada:
530 Technology Dr. Suite 100, Irvine,
CA 92618, USA
Tel: +1-949-753-9640

Spain:
C/ Proci3n, 7 portal 2, 1º C - Edif. Am3rica II
28023 Madrid, Spain
Tel: 34-917990403

Czech Republic:
TOKOVO Jankovcova 1518/2, 170 00, Prague 7,
Czech Republic
Tel: +420-266-782040

Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.