

G.hn Wave2 Gateway AC1200

G.hn 2Gbps | 2 x GE | Diplexer for CCTV | 802.11ac |

Concurrent DB 2T2R |

GCA-6013



GCA-6013 is designed for the CPE (customer premises equipment) for MDU application and Home Networking over coaxial network. GCA-6013 is fully complying 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 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 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.

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SPECIFICATIONS

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Interface	<ul style="list-style-type: none">▪ RJ-45 X 2 for GE Ethernet▪ LED Indicators:, G.hn, Security, 2.4GHz, 5.0GHz,WPS, LAN1, LAN2, PWR▪ Buttons: G.hn pairing, PWR, WiFi ON/OFF, WPS, Reset▪ Internal WiFi DB Antenna x 2▪ F-type connector x 2
G.hn (Coax)	<ul style="list-style-type: none">▪ ITU-T G.9960 & G.9961 compliant▪ G.hn 200MHz▪ Link rate 2Gbps,▪ Data throughput 1.7Gbps
WLAN (WiFi)	<ul style="list-style-type: none">▪ 802.11 b/g/n, 2412 ~ 2484 MHz, BW 20/40M▪ 802.11 a/n/ac, 5180 ~ 5825 MHz , Wave-2 compatible with MU-MIMO, BW 20/40/80▪ Concurrent 2.4GHz & 5GHz. 2T2R▪ Compliance DFS @5GHz
Management	<ul style="list-style-type: none">▪ HTTP Web-based▪ Single TR-069 entity for G.hn & WiFi functions▪ TR-069 over IPv4/v6 dual stack
Networking Protocols	<ul style="list-style-type: none">▪ 802.1D Ethernet Bridge▪ 802.1Q VLAN▪ Quality of Service (QoS)▪ IGMP(IPv4) Snooping & MLD(IPv6) Snooping
Cable TV	Frequency: 240MHz to 1.2 GHz
External Power Adapter	Input: AC100-240V, Output: DC12V /1.5A
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)



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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.