CoaxData G.hn Node G.hn 2xEthernet + WiFi

Turn your business' TV cable into a high-speed network

End device of the CoaxData G.hn installation, responsible for providing a connecting point to the network for users. It receives the signal sent by the master via the coaxial network and transforms the data services to Ethernet, while maintaining the TV service on the coaxial socket.

This node features high efficiency WiFi AP interfaces for wireless connection of users, operating with 2.4 GHz (802.11b/g/n) and 5 GHz (802.11ac) standards. Thanks to its advanced encryption methods, it guarantees the protection and security of each user's wireless connections, especially in the most demanding environments. In addition, it includes two Ethernet ports (RJ45) of up to 1 Gbps each for wired connections.

Typically, it is installed in the rooms of the establishment to deliver TV and Internet services directly to users.

Ref.	769321
Logical ref.	COAXDATANWIFI
EAN13	8424450282359

Packaging info

Physical data

Box	1 pcs.		Net weight	740.00 g
			Gross weight	880.00 g
			Width	147.00 mm
			Height	148.00 mm
			Depth	43.00 mm
			Main product weight	513.00 g

Highlights

- Plug and play: as soon as it is connected to the coaxial network, it is automatically recognized and configured by the master and starts to operate

- Dual frequency band WiFi: it operates in the 2.4 GHz band (802.11b/g/n) reaching a speed of up to 300 Mbps, and in the 5 GHz band (802.11ac) with which it is capable of providing up to 867 Mbps

- Dual MU-MIMO 2x2 multi-user dual antennas: they provide maximum performance in both wireless transmission and reception, reducing waiting times and speeding up connections for better user experience

- UL 36 W power supply included, with exchangeable AC plugs (EU, UK, US and Australia)

- Wall or surface mounting

- Device operation LED indicators

Discover

BOTH MODELS AT A GLANCE

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	Ref. 769321 2x Ethernet node + WiFi	Ref. 769320 1x Ethernet node
No. of Ethernet ports	2	1
Maximum speed per Ethernet port	1 Gbps	2,5 Gbps

WiFi	Yes	-
No. of RF input/output ports Data+TV	1	1
No. of RF TV-out ports	1	1
Plug and Play	Yes	Yes
Power connector type	Jack	USB-C
Power options	With dedicated external source (included)	Via TV (USB-C cable included) With dedicated external source
Dimensions mm	147 x 147x 42	147 x 147x 42

Technical specifications : Ref. 769321

Number of Gigabit Ethernet ports (10/100/1000BaseT)		2
Number of RF connectors		2
Number of G.hn domains		1
Max. number of nodes per G.hn domain		16
Bandwidth	MHz	200
Max. signal power	dBm/Hz	-76
Network protocols		802.1D Ethernet Bridge / IGMP (IPv4) Snooping / MLD (IPv6) Snooping / Quality of Service (QoS)
WiFi standard		802.11 b/g/n (2x2) 2.4 GHz / 802.11 n/ac (2x2) 5 GHz
Number of WiFi antennas		4
OFDM Modulations		256-QAM
2.4GHz Channel bandwidth		40MHz
2.4GHz Antenna gain	dBi	4
5GHz Channel bandwidth		80MHz
5GHz Antenna gain	dBi	4
Wi-Fi encryption		WPA / WPA2 / WPA3
Impedance	Ω	75
Frequency range data	MHz	1 ... 200
Frequency range TV	MHz	290 ... 2350
Through losses TV	dB	< 1.5
DATA/TV feedthrough losses	dB	< 1.5
Return losses	dB	> 10
Power supply connector		Jack
Powering	Vdc	12
Max. power consumption	W	12
Operating temperature	°C	0 ... 40