



# ALLNET

## ALL-GHN101-2wire

### Gigabit Network over 2-Wire Connection or Phone-Wiring

- 500 Mbps G.hn Port as Home Network Backbone by
- Using Existing Phone Line
- Two 100 / 1000Mbps Gigabit Ethernet Ports for FTTH, DSL / Kabel Modem and Ethernet-Terminals (PC, Set-Top-Box, ...)
- Energy Efficiency (Green) Ethernet Support
- Maximal Distance up to 2700 feet on G.hn Port
- Filter Built-in to Eliminate Noise from Phone Set or PSTN Line
- Signal Quality Indication
- 6 - 76MHz Model to co-exist with VDSL
- QoS Priority and Mapping Support
- TagVLAN Configuration
- IGMP Snooping Control
- Status and Statistics of Ethernet Interface

Art.-Nr. 123042

Errors and technical changes that serve the interests of progress or development of the product are reserved.

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With the G.HN Gigabit Ethernet Bridge ALL-GHN101-2wire you can expand your home network at home with the existing telephone line. There is no additional network wiring required. You can simply use the existing telephone line in the wall. At a frequency of (6-76MHZ) coexistence with ADSL and VDSL is guaranteed. With the ALL-GHN101-2wire they can as quickly expand your Netzerk without rewiring and with little effort.

Element	Spezifikation
Network Standard:	ITU G.9960 G.hn over Phonenumber IEEE 802.3u 100M Fast Ethernet IEEE802.3ab 1000M Gigabit Ethernet IEEE 802.3az Energy Efficiency Ethernet
Connectors:	Ethernet : Two RJ-45 Connectors G.hn : Two RJ-11 Connectors, One for G.hn, the other for Phone-Line Bypass
G.hn Interface	Transmission Power and Spectrum 6 +/- 1 dBm @ 6 ~ 76 MHz PHY gemessene Rate: 60m: 251 MBit/s, 100m : 241 MBit/s, 200m: 201 MBit/s, 300m: 92 MBit/s, AES 128 Encryption
Gigabit Ethernet Interface	100/1000Mbps Auto Negotiation MDI/MDI-X Auto Crossover
Quality of Service	Priority Mapping Based on IEEE 802.1p Guaranteed G.hn Parameterized QoS
Management	GUI, Web Browser and TR-069 (Optional) IPv4 and IPv6 Support Queuing Scheme Based on 802.1p/TOS TagVLAN ID Tag/UnTag or Pass Through GMP Snooping Control Statistic and Status
LED-Display:	"Power" LED G.hn "Link/Activity/Quality" LED Ethernet "Link/Activity" LED x 2
Environmental Conditions:	Operating Temperature : 0° ~ 50° (32° ~ 120°) Storage Temperature: -10° ~ 65° (14° ~ 149°) Operating Humidity : 10% ~ 95%, Non-condensing



Element	Spekifikation
Power Consumption:	3,5W on 12 Volt
Physical Dimension:	130mm (W) x 95mm (D) x 32mm (H) Unit Weight: 135g (without power supply)
Marks:	CE

### Installation Example:

