



ALLNET ALL168607

ALLNET CoaxNet 600Mbit Adapter with SmartLink Technology

- *New HomePlug AV2 Standard*
- *Support max. 600 Mbps Powerline Datentransferrate over Coax Line & Powerline „SMARTLINK“*
- *Reliable IP data communication via power, coaxial.*
- *No large-scale construction efforts: Existing wiring, such as conventional network cables, are used*
- *Integrated one port gigabit Ethernet Connection of network-compatible devices (PC, router or IP camera).*
- *Easy Installation*



The ALLNET ALL168607 is the first professional Giga Hybrid adapter. Powerline connections can be made using this device via the power line, via coaxial networks. The ALL168607 provides for a secure and stable communication with high transfer rates. An integrated one port gigabit Ethernet in the compact housing enables a high connectivity at the installation location.

Features:

- Simple setup of IP-based data communication via existing line networks such as power, coaxial or two-wire line networks.
- Long range of up to 600 metres cable length on two line networks.
- By using the existing wiring, no construction measures are required.
- Quick and cost-efficient installation during running operation.
- Simple connection, for example to a PC, a wireless LAN router, an IP camera or an IP telephone.
- One port gigabit switch for connecting four network-compatible devices.
- Quality indicator LED for determining broadband status.
- Optimal Powerline security with a 128-bit AES key.
- Supports Quality of Service for automatic data prioritisation.



Element	Spezifikation
Chipset:	Qualcomm QCA7450 + AR1540
Standards:	Powerline -> HomePlug AV2 SISO Powerline -> HomePlug AV Powerline -> IEEE 1901 Ethernet -> IEEE 802.3 Ethernet -> IEEE 802.3u 10/100/1000 Ethernet (1Gbps) Energy Saving -> EuP Compliance
PHY Rate:	max. 600Mbps
Frequency Band:	2MHz ~ 68MHz
Access-Methode Powerline:	Priority-based CSMA/CA channel access
Quality of Service:	<ul style="list-style-type: none"> • Intergrated QoS Enhancements • Hardware Packet Classifiers for TOS, CoS and IP Port Number • QoS Classification by destination MAC Adress and IP-Port
Modulation:	OFDM 4096/1024/256/64/16/8 QAM, QPSK, BPSK und ROBO Modulation Schema
Powerline Connector:	EURO-Connector
Coax-Connector	F-Coax Port
Cable Distance	<ul style="list-style-type: none"> • Powerline max. 200m • Coax-Line max. 700m
Network Port:	1x RJ45 10/100/1000Mbit
IGMP:	<ul style="list-style-type: none"> • Support IGMP managed multicast sessions • IGMP snooping with multicast to multiple unicast support • IGMP/MLD Adressfiltering
Nodes/Clients:	max. 15 Nodes
Encryption:	128-bit AES Link Encryption with key management
LEDs:	Power LED PowerLine Link/ACT Status LED Ethernet Link/ACT Status LED
Power Source:	220 ~240 VAC, 50/60 Hz
Power Consumption:	about 4 Watt Standby max. 0,5 Watt
Operation Os:	all TCP/IP OS
Housing:	PVC
Environment:	Operationg Temperature: 0 ~ 45 Å°C Humidity: 10% ~ 90% (Non-Condensing) Storage Temperature: -25 ~ 60 Å°C Luftfeuchtigkeit Aufbewahrung: 5% ~ 90% (Non-Condensing)
Marks:	CE
Dimensions:	67mm x 50 x 32 mm (L x W x H)