



ALLNET ALL168250

500Mbps HomePlug AV Ethernet Adapter

ALL168250 HomePlug Ethernet Adapter needs no new wires communications to any rooms, over any powerline wires at the speed of up to 500Mbps. It supports Internet Television (IP-TV in HD quality), Video-on-Demand, VoIP Telephony and fast Internet access – with “Quality of Service” for highest satisfactions.

It is a plug and play solution that can be used wherever there is a wall socket, acting just like a physical network cable, streaming bandwidth to any room in the house. The auto MDI/MDIX functionality also simplifies and ensures a hassle free installation. For maximum security and at your convenience, simply encrypt your network trac with a Connect button.

Art. Nr. 93100



Specifications

Elements	Specifications
PHY Rate	500Mbps (IEEE 1901 and HomePlug® AV compliant)
Effect Data Rate	TCP: Up to 97 Mbps effective throughput UDP: Up to 97 Mbps effective throughput
Frequency Band	2~68 MHz (With Mask)
Access Methods	priority-based CSMA/CA channel access schemes maximize efficiency and throughput
Qos	<ul style="list-style-type: none"> • Integrated Quality of Service (QoS) Enhancements • Hardware Packet Classifiers for ToS, CoS and IP Port Number • Supports IGMP managed multicast sessions
Modulation	OFDM (QAM 8/16/64/256/1024/4096, QPSK, BPSK, ROBO)
Standards	IEEE 802.3, IEEE 802.3U, HomePlug AV Protocol Compliance with Home-Plug 1.0 coexistence capability
OS	Microsoft Windows® 2000, XP, Vista ,Windows 7 (for utility-program only)
Nodes	Up to 8 total devices
IGMP	IGMP Supports IGMP managed multicast sessions
Encryption	128-bit AES Link Encryption with key management
Port	One 10/100 Mbps Ethernet port
Distance	AC Wire : 200 meters
LEDs	PWR (Red) PLC(Green/Orange/Red throughput indicator) ETH (Green)
Push Button	NID/RST Button
Environment	<ul style="list-style-type: none"> • Temperature Operating : 0~40C ° / Storage : -20~60C° • Relative Humidity Operating : 10~85% Non-Condensing / Storage : 5~90% Non-Condensing
Power Source	100 ~ 240 VAC 50/60Hz
Power Consumption	4W Max (Normal mode) Below 0,5W (Standby mode)
Certification	CE