ALLNET®

ALLNET Powerline 1200Mbit Bundle 2pcs Bridge RJ45 HomePlugV2 "SmartLink" Passtrough ALL1681205v2

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EAN CODE

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Highlights:

- New HomePlug AV2 standard
- Up to 1200 Mbps powerline data transfer rate over powerline
- Compatible with other HomePlug AV technologies
- MIMO support
- 2 Gigabit Ethernet ports
- Secure communication and protection of your data at the touch of a button
- Easy installation
- Notch filter (26.96 - 27.41 MHz) amateur radio protection

The ALL1681205v2 adapter marks the launch of the second generation ALLNET powerline adapter based on the HomePlug AV2 standard with Smartlink 1200 Mbps and MIMO support.

The ALLNET ALL1681205v uses the latest Qualcomm Atheros QCA7500 / QCA8334 chipset. It features two Gigabit Ethernet RJ45 interfaces and is compatible with IEEE1901/ Homeplug AV and GreenPHY powerline standards. This allows easy use with existing powerline end devices from other manufacturers. The solution is compliant with IEEE1901, Homeplug AV and Homeplug AV2, enabling easy compatibility with existing Homeplug AV2 devices and other vendors' IEEE1901 PLC (Powerline Line Communication) devices.

High data rates and Quality of Service (QoS) enable the use of HD multimedia applications and support you to realize high-speed digital multimedia home networks throughout the home, including IPTV services, simultaneous HD video and audio distribution, Voice Over IP calls, online gaming, high speed Internet.

The ALL1681205v2 offers simple push-button plug & play networking without the need for software configuration. The Network Management Key (NMK) with its 128-bit AES hardware encryption ensures secure, authenticated

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access to the logical network and protects the network from hackers.

The new HomePlug AV2 standard enables highly efficient data transmission on the power cable with technologies such as Efficient Notching.

Technical Details:

Item	ALL1681205v2
Interface	2* LAN 10/100/1000Base-TX applied for RJ45 interface
LED display lights	PWR(power light) PLC(PLC signal light) ETH(Ethernet light)
Transmission band	2-68MHz
protocol	HomePlug AV2 IEEE 802.3 IEEE 802.3u 10/100Ethernet Standard
security	128-AES
Transfer rate(PHY)	1200Mbps
modulation	OFDM
plug	EU Type-F
Support operating system	Windows 98/ME/NT/2003/7 Windows XP Home/Pro Mac OSX Linux
Power source	AC 100V-240V 120/50Hz
Operating environment	working temperature:0°C ~ +70°C working humidity 10%-90% non-condensed state
size	145mm×70mm×43mm L×W×H
weight	0.30kg
marks	CE ROHS

Accessories

Part No.	Name
139669	ALLNET Powerline 1200Mbit Bridge RJ45 HomePlugV2 "SmartLink" with PoE AT ALL1681203
218487	ALLNET Powerline 1200Mbit HomePlugV2 "SmartLink" MIMO mit WiFI AC ALL1681211v2
90246	ALLNET ALL1688PC / Powerline phase coupler 3 phases (1~70MHz)
112411	ALLNET ALL16881 / Powerline Phasenkoppler/Signalbrücke 3 Pha

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Part No.	Name
65447	ALLNET Powerline reject-filter 2,0 - 40Mhz 16A
65448	ALLNET Powerline reject-filter 2.0 - 40 Mhz 25A
165177	ALLNET Powerline Blocking Filter 2-68Mhz 16 A Ground Contact

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