



dLAN® 200 AVpro WP (Wall Plug)

Better performance in the power supply network with built-in filter technology

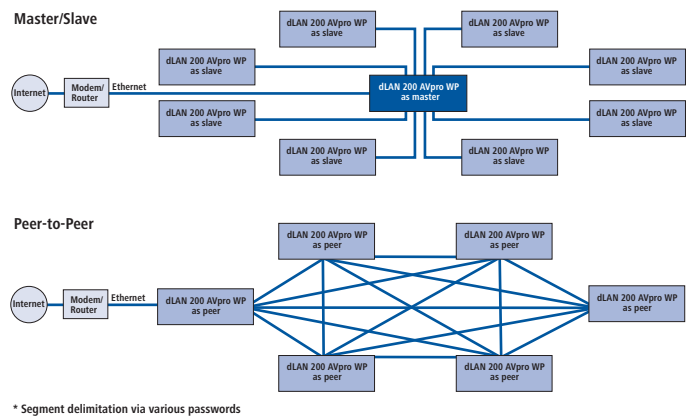
- Integrated mains filter
- Data transmission via the electrical wiring
- Up to 200 Mbps

The new devolo dLAN® business solutions are a cost-effective way to use a building's electrical wiring to set up a broadband IP network. There is an obvious advantage to this approach – no need to install a new cable means keeping cost and effort to a minimum. The new dLAN® 200 AVpro WP is based on the HomePlug AV standard and transmits data, voice and video over the electrical wiring at up to 200 Mbps. In addition, the dLAN® 200 AVpro WP has an integrated socket for connecting terminals and a filter for optimising the transmission capacity.

Produkt highlights

- HomePlug AV adapter with transfer rates of up to 200 Mbps – ideally suited to broadband multimedia applications such as IPTV, Video on Demand and bandwidth-intensive Internet applications
- Integrated socket for connecting power strips and terminal devices
- Integrated mains filter for reducing interference on the powerline network
- Remote Management via the dLAN® 200 AVpro manager management software
- Quality Indicator LED for determining broadband status
- Integrated Quality of Service function (QoS) with automatic data prioritisation
- 1 Ethernet port Auto MDI/X
- Master/slave or peer-to-peer architecture
- Scalable upgrades by deploying up to 63 slaves per master
- Range: 200 m over electrical wiring
- Secure data encryption
- Comprehensive configuration options (notching, output power etc.)

Segment*-size 1 master and up to 63 slaves



Product advantages of dLAN® technology

- Scalable and cost-efficient solution for custom-tailored broadband communication
- Simple installation
- No new cables, no drilling, no mess
- Quality of Service function for automatic data prioritisation (in conjunction with the dLAN® 200 AVpro manager management software)
- Frequency notching for suppressing certain frequencies (in conjunction with the dLAN® 200 AVpro manager management software)
- dLAN® 200 AVpro manager provides centralized management of the dLAN® network

Cost advantages of dLAN® technology

- Cost-efficient multiple usage of existing electrical wiring for Internet telephony, IPTV, broadband data communication
- No changes to existing infrastructure
- The attractive price-performance ratio allows fast Return on Investment (ROI)



dLAN® 200 AVpro WP performance features



General <ul style="list-style-type: none"> • Adapter for integration into the electrical power network • Flexible and scalable solution through formation of segments with 1 master and up to 63 slaves per segment • Integrated attenuating filter (-22db to -45db) • Transmission frequency range: 2 MHz - 30 MHz 	Weight 180 g	System requirements Device interfaces Ethernet interface
Standards <ul style="list-style-type: none"> • Ethernet specifications IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X • HomePlug AV 	Indicators and connections LEDs <ul style="list-style-type: none"> • Power • Ethernet (Link/Act) • dLAN (Link/Act/quality) 	Operating systems Windows® Vista32bit/Vista64bit/XP32bit, Mac OS® X Linux® and all operating systems with TCP/IP support
Media access method CSMA/CA	Device port RJ45, 10/100 Mbps, Auto MDI/X	Certifications Approvals CE-compliant in accordance with the technical requirements of all EU countries and Switzerland: <ul style="list-style-type: none"> • EN 55022 Class B • EN 50412 • EN 60950
Transmission speed Up to 200 Mbps (gross)	Internal power supply Power consumption 5 W (max.)	Scope of delivery <ul style="list-style-type: none"> • dLAN® 200 AVpro WP • Ethernet cable RJ45-RJ45 (Cat 5) • Power cord • CD-ROM: PDF manual, managementsoftware dLAN® 200 AVpro manager for Windows® Vista32bit/Vista64bit/XP32bit, Linux®, Additional software: devolo Informer, dLAN® 200 AVpro2 Configurator
Transmission method asynchronous	Power supply AC 110-230V 50/60Hz	Order n° dLAN® 200 AVpro WP DE, NL, ES, AT, PT, NO, SW, FI: 1352 FR, BE, PL, CZ, SL: 1353 CH: 1428
Modulation OFDM - 1155 carriers, 1024/256/64-QAM, QPSK, BPSK	Power output to integrated socket 230V / 16 A max. DE, NL, ES, PT, AT, SW, FI, NO: Type F (CEE 7/4 / Type E + F (CEE 7/7 + CEE 7/4); FR, BE: Type E (CEE 7/7) / Type E + F (CEE 7/7 + CEE 7/4); CH: Type J (SEV 1011) / Type J (SEV 1011)	
Range <ul style="list-style-type: none"> • Power line: 200 m 	Ambient conditions Temperature Storage: -25°C – +70°C (-13°F – +158°F) Operation: 0°C – +40°C (+32°F – +104°F)	
Security 128 bit AES encryption	Humidity 10–90% humidity (non-condensing)	
QoS Analysis and classification of data traffic via: <ul style="list-style-type: none"> • VLAN Tag Priority IEEE 802.1p • Type of Service (ToS) • IGMP Snooping • Traffic type (unicast/multicast/broadcast) • Differentiated Services (DSCP) 		
Dimensions 130 x 66 x 40 mm (height x width x depth)		

dLAN® 200 AVpro WP in comparison with other devolo products

	dLAN® 200 AVpro WP	dLAN® 200 AVpro2 / dLAN® 200 AVpro2 i	dLAN® 200 AVpro host / dLAN® 200 AVpro host wireless N
Transmission medium	Power line	Coaxial line/power line/telephone line	Power line/coaxial line/telephone line
Max. segment size Without repeater structure	1 master + 63 slaves	1 master + 63 slaves	1 master + 63 slaves (power line) (253 Slaves via Coax and telephone line)
Remote management	Yes, using management software dLAN® 200 AVpro manager	Yes, using management software dLAN® 200 AVpro manager	Yes, via SNMP and Webinterface
Ethernet Port	1 (Auto MDI/X)	1 (Auto MDI/X)	4-Port managed Switch (Auto MDI/X)
IP address	No	No	Yes