

NEW!



dLAN[®] 200 AVpro2/ dLAN[®] 200 AVpro2 i

Innovative broadband networking
via existing building cabling
(coax/power/telephone cable)

- Master-slave network structure
- Data transfer via coax/power/telephone cable
- Up to 200 Mbps

Use your existing building wiring for optimum networking:

With devolo products, you create innovative broadband networks and integrate your network devices according to your needs via the Ethernet interface. The way there is easy. With no additional installation effort, you simply use existing cable networks such as cable TV networks in residential buildings, hotel installations etc. Using the dLAN[®] 200 AVpro2 / dLAN[®] 200 AVpro2 i, you can generate cluster sizes with up to 63 slaves—flexible and cost-saving.

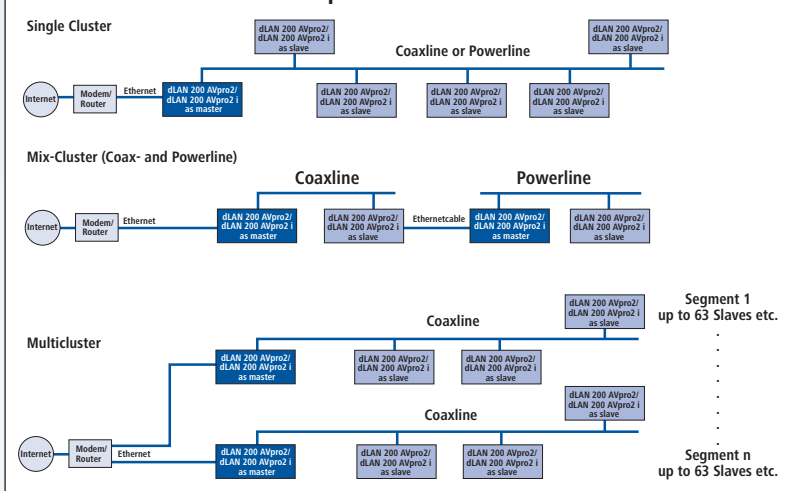
Product-Highlights

- HomePlug AV-adapter with transfer rates of up to 200 Mbps – ideal for broadband applications such as IPTV, video on demand and bandwidthintensive Internet applications
- Integrated Quality of Service (QoS) for data prioritisation
- Remote management via management software dLAN 200 AVmanager
- IGMP Support
- 1 Ethernet Port (Auto MDI/X)
- Quick, easy setup without installing new cables
- Master/slave architecture
- Scalable upgrades by deploying up to 63 slaves per master
- No changes to antenna networks are necessary
- Range: 1500 m via coax cable, 200 m via powerline, 400 m via telephone line
- Secure data encryption
- Extensive configuration options (Notching, Output Power etc.)
- Optional available with metal housing (dLAN 200 AVpro2 i)

Application areas:

- Small and mid-sized HFC networks where expensive upgrades to the DOCSIS standard are not viable
- Satellite and satellite IF distributors
- Broadband cable distribution for shared antennas
- BC distribution in residential buildings and in mid-sized and larger hotels, apartment buildings, homes for the aged, schools, hospitals, cruise ships, security technology

Cluster-Size 1 Master and up to 63 Slaves



Product advantages of dLAN technology

- uses existing building infrastructure (coax/power/telephone cable)
- scalable and cost-efficient solution for custom-tailored broadband communication
- simple installation
- scalable through segmentation
- Quality of Service function with automatic data prioritisation (In conjunction with management software dLAN 200 AVmanager)
- frequency notching for suppressing certain frequencies up to -30dB (In conjunction with management software dLAN 200 AVmanager)

Cost advantages of dLAN technology

- Cost-efficient multiple usage of existing cable structures for Internet telephony, IPTV, broadband data communication
- low initial investment when setting up a dLAN network
- no changes to existing infrastructure
- attractive price-performance ratio



Features, dLAN[®] 200 AVpro2 / dLAN[®] 200 AVpro2 i



General <ul style="list-style-type: none"> • Adapter can be used as master or slave for the coaxial, powerline, telephone network (operation for telephone network requires a separately available adapter) • Flexible and scalable solution for constructing segments with up to 1 master and 63 slaves per segment • Transmission frequency range: 2 MHz - 30 MHz 	Dimensions <p>dLAN 200 AVpro2 153 x 105 x 35 mm (width x depth x height)</p> <p>dLAN 200 AVpro2 i (Metal housing) 188 x 107 x 40 mm (width x depth x height)</p>	System requirements <p>Equipment interface Ethernet interface</p> <p>Operating systems Windows[®] Vista32bit/Vista64bit/XP32bit/ 2000, Linux[®], all TCP/IP operating systems, and others</p>
Standards <ul style="list-style-type: none"> • Ethernet specification IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X • HomePlug AV 	Weight <p>dLAN 200 AVpro2: 243 g dLAN 200 AVpro2 i (Metal housing): 558g</p>	Certification <p>Approvals CE compliant in accordance with all technical requirements for all EU countries and Switzerland: <ul style="list-style-type: none"> • EN 55022 Class A • EN 50412 • EN 60950 </p>
Protocols CSMA/CA	Indicators and connections <p>LEDs</p> <ul style="list-style-type: none"> • Power • dLAN Link/ Act • 100 Mbit LAN interface • 10 Mbit LAN interface • Collisions on LAN 	Scope of delivery <ul style="list-style-type: none"> • dLAN 200 AVpro2/ dLAN 200 AVpro2 i • Ethernet cable RJ45-RJ45 (Cat 5) • Power cord • Coax cable • HF filter • Documentation: Installation guide • CD-ROM: PDF manual, configuration software for Windows[®] Vista32bit/Vista64bit/XP32bit, 2000, Linux[®], Additional software: devolo Informer, dLAN 200 AVpro2 Configurator
Data transfer rate Up to 200 Mbps (gross)	dLAN connection <ul style="list-style-type: none"> • EURO power plug • Coax (F socket, female) 75 	Part. Nr. dLAN 200 AVpro2, EU: 1233 dLAN 200 AVpro2 i, EU: 1236
Transfer method Asynchronous	Equipment connection RJ45, 10/100 Mbps Auto MDI/X	Ambient conditions <p>Temperature Storage: -25°C – +70°C Operation: 0°C – +40°C</p> <p>Humidity 10 – 90% humidity (non-condensing)</p>
Modulation OFDM - 1155 carriers, 1024/256/64-QAM, QPSK, BPSK	Internal power supply <p>Power consumption 5.5 W (max.)</p> <p>Power supply AC 110-230V 50/60Hz</p>	
Range <ul style="list-style-type: none"> • Coaxial cable: 1500 m • Power cable: 200 m • Telephone cable: 400 m 		
Security 128-bit AES data encryption		
QoS Analysis and classification of data traffic with: <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) 		

dLAN[®] 200 AVpro2 / dLAN[®] 200 AVpro2 i compared to other devolo products

	dLAN 200 AVpro basic	dLAN 200 AVpro2 / dLAN 200 AVpro2 i	dLAN 200 AVpro host
Transmission medium	Power line	Coaxial line/power line/telephone line	Coaxial line/power line/ telephone line
Max. segment size without repeater structure	1 Master + 63 Slaves	1 Master + 63 Slaves	1 Master + 253 Slaves
Remote management	Yes, using management software dLAN 200 AVmanager	Yes, using management software dLAN 200 AVmanager	Yes, using management software dLAN 200 AVmanager, SNMP, Web interface
Ethernet Port	1 (Auto MDI/X)	1 (Auto MDI/X)	4-Port managed Switch (Auto MDI/X)
IP address	no	no	yes