



NEW!

- **Master-slave network structure**
- **Remote management**
- **Remote access via Web interface**

Product 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 Quality of Service (QoS) function with data prioritisation
- Remote management via management software dLAN 200 AVmanager
- Remote access via Web interface
- SNMP-Client
- IGMP support
- 4 port Ethernet switch auto MDI-X (VLAN tagged, managed)
- Quick, easy setup without installing new cables
- Master/slave architecture
- Scalable upgrades by deploying up to 253 slaves per master
- No changes to antenna networks required
- Comprehensive configuration options (notching, output power etc.)
- Auto-configuration via DHCP, TFTP
- Range: 1500 m via coax cable, 200 m via powerline, 400 m via telephone line
- Secure data encryption
- Metal housing (with fastening brackets)
- 19" rack mount option

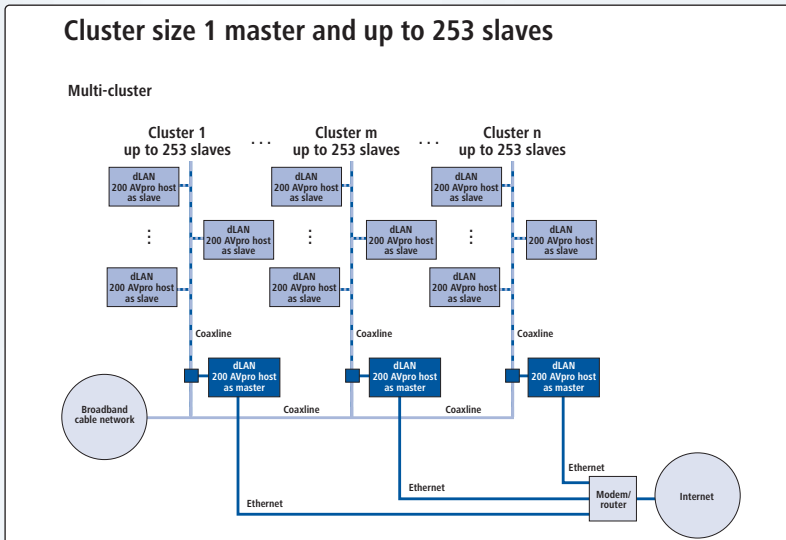
Application areas:

- Small and medium-sized HFC networks
- Satellite distribution systems and satellite IF distribution
- Broadband cable distribution for community antenna associations
- Broadband cable in-premises distribution systems in residential buildings
- Medium and large hotels, housing industry, senior housing facilities, schools, hospitals, cruise ships, security systems

dLAN[®] 200 AVpro host

Innovative broadband networking
based on existing building wiring
(coax/power/telephone cable)

Use your existing building wiring for optimum networking—with devolo products, you create innovative broadband networks that guarantee parallel transmission of VoIP phone calls, Internet television and Internet data. 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. With the dLAN[®] 200 AVpro host, you generate cluster sizes with up to 253 slaves and, with the remote configuration, ensure maximum flexibility and cost savings.



Product advantages of dLAN technology

- Uses existing internal building infrastructure (power/coaxial/telephone cables)
- Scalable and cost-efficient solution for custom-tailored broadband communication
- Simple installation
- Scalable through segmentation
- Quality of Service function for automatic data prioritisation
- Frequency notching for suppressing certain frequencies up to -30dB

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



dLAN[®] 200 AVpro host performance features



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 through formation of segments with 1 master and up to 253 slaves per segment • Transmission frequency range (adjustable): 2 MHz – 30 MHz 	QoS Analysis and classification of data traffic via: <ul style="list-style-type: none"> • VLAN Tag Priority IEEE 802.1 p • Type of Service (ToS) • Traffic Type (unicast/multicast/broadcast) • IGMP Snooping • Differentiated Services (DSCP) 	Ambient conditions Temperature Storage: -25°C – +70°C Operation: 0°C – +40°C
Management and configuration <ul style="list-style-type: none"> • Remote management via management software dLAN 200 AVmanager • Remote access via Web interface • SNMP-Client • Auto-configuration via DHCP and TFTP 	Dimensions 205 x 152 x 44 mm (width x depth x height) 210 x 152 x 44 mm (width x depth x height) (with fastening brackets)	System requirements Device interfaces Ethernet interface Operating systems Windows [®] Vista32-bit/64-bit/XP32-bit/2000, Linux [®] and all operating systems with TCP/IP support
Standards <ul style="list-style-type: none"> • Ethernet specification IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X • HomePlug AV 	Weight 1015g	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 A and B • EN 50412 • EN 60950
Protocols CSMA/CA	Indicators and connections LEDs <ul style="list-style-type: none"> • Power (power supply) • CLC Link/Act (Coaxline) • PLC Link/Act (Powerline) 	Scope of delivery <ul style="list-style-type: none"> • dLAN 200 AVpro host • Ethernet cable RJ45-RJ45 (Cat 5) • Power cable • Coax cable • CD-ROM: PDF manual
Transmission speed Up to 200 Mbps (gross)	dLAN port <ul style="list-style-type: none"> • EURO mains plug • Coax (female F jack) 75Ω 	Order n° dLAN 200 AVpro host, EU: 1231
Transmission method asynchronous	Device port RJ45, 10/100 Mbps Auto MDI/X	
Modulation OFDM – 1155 carriers, 1024/256/64-QAM, QPSK, BPSK	Internal power supply Power consumption 7,5 W (max.)	
Range <ul style="list-style-type: none"> • Coaxial cable: 1500 m • Power cable: 200 m • Telephone cable: 400 m 	Power supply AC 110-230V 50/60Hz	
Security 128 bit AES encryption		

dLAN[®] 200 AVpro host 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	SNMP, Web interface Yes, using management software dLAN 200 AVmanager
Ethernet Port	1 (Auto MDI/X)	1 (Auto MDI/X)	4-Port managed Switch (Auto MDI/X)
IP address	no	no	yes