

PROFESSIONAL



The Network Innovation

dLAN® 500 AVpro UNI



4x LAN Ethernet
incl. 1x PoE



Communication via
power line, coaxial line
and two-wire line

500
Mbit/s

Transmission rates of
up to 500 Mbps

One product. Three lines.
Endless possibilities.



Rely on the most flexible dLAN® connection of all time! With the dLAN® 500 AVpro UNI, devolo presents the first professional dLAN® universal adapter. This product enables a reliable IP data communication via all three types of cable that allow a powerline transmission. You can create a connection via the power line, via coaxial cable or via two-wire line. The powerful dLAN® 500 chip provides for stable communication with high transfer rates. Additionally, through the 128-bit AES encryption, all data is secured against un-

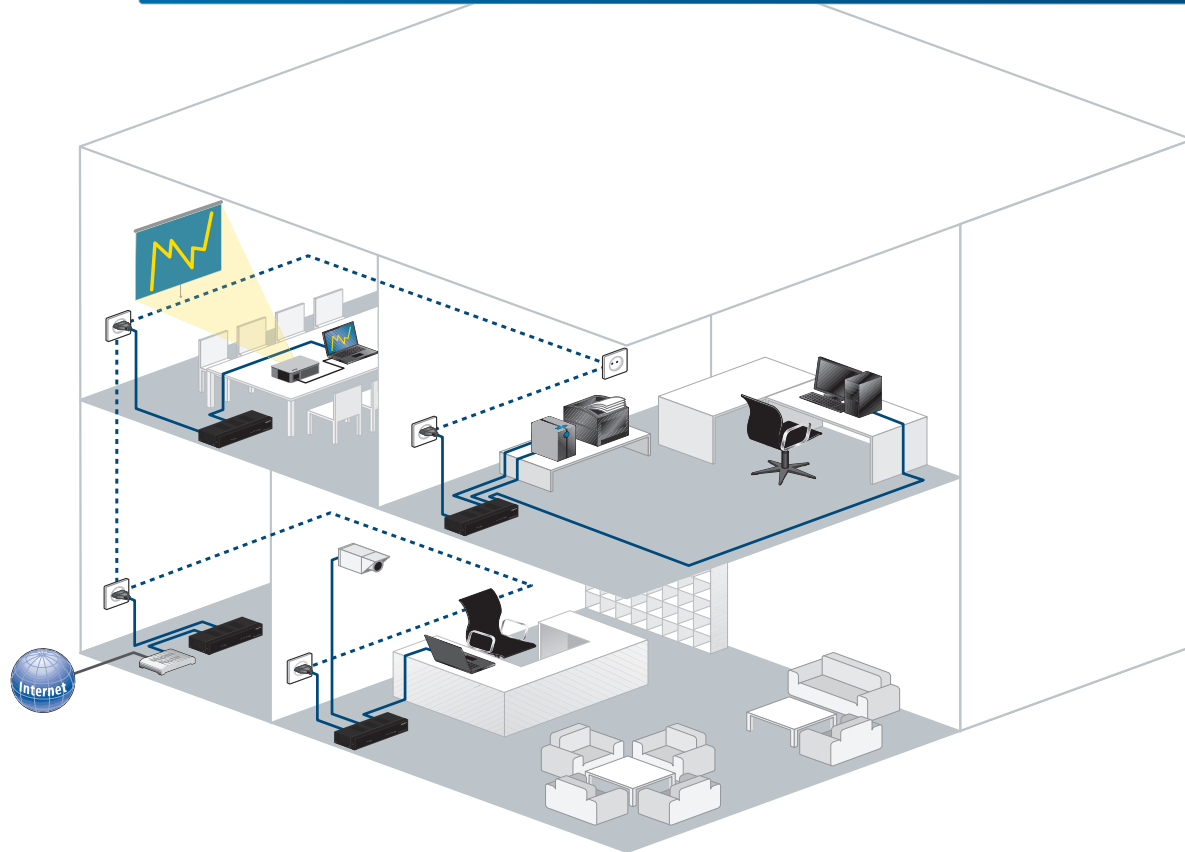
authorised access. An integrated 4-port gigabit Ethernet switch in the compact housing provides for a high connectivity at the installation location. Thanks to PoE support at one port, corresponding terminal devices can be connected without problems. Professional administration is also possible via the remote management software dLAN® AVpro.



Connection options for the
dLAN® 500 AVpro UNI
on the rear side housing

What makes dLAN® special

HIGHLIGHTS



Highlights

- Simple setup of IP-based data communication via existing line networks such as power, coaxial or two-wire line networks
- Long range of up to 600 metres cable length on two line networks
- By using the existing wiring, no construction measures are required - Quick and cost-efficient installation during running operation
- Alongside the data, the electricity to use PoE terminal devices is transferred via the line used
- Simple connection, for example to a PC, a wireless LAN router, an IP camera or an IP telephone
- 4-port gigabit switch for connecting four network-compatible devices
- One Ethernet port with PoE support in accordance with IEEE 802.3af for supplying power to network-compatible devices
- Professional remote management using the dLAN® AVpro manager software with comprehensive configuration options
- Separation for user groups and granular access control via VLAN
- Quality indicator LED for determining broadband status
- Optimal dLAN® Powerline security with a 128-bit AES key
- Supports Quality of Service for automatic data prioritisation
- Compact, solid metal housing with option for permanent installation
- Engineered in Germany
- 3 year warranty

No.1
Best-selling
Powerline adapters
in Europe

HomePlug from the world market leader

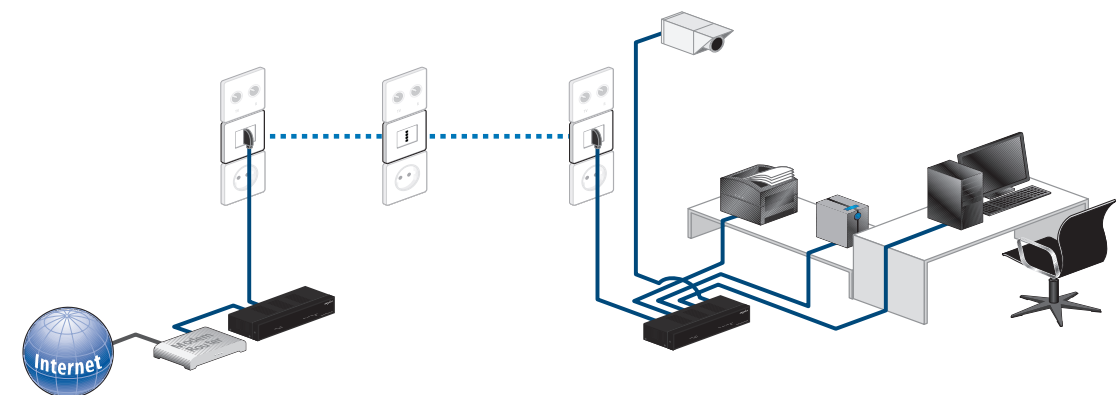
devolo technology uses the household electrical wiring for networking. With this device, Powerline connections can additionally be created via coaxial networks or two-wire lines, making complicated new wiring unnecessary.

- Quick and easy setup in the existing infrastructure
- No large-scale construction efforts
- Reliable IP data communication via power, coaxial and two-wire lines
- Standards-based technology
- Possibility for 3-phase power supply offers optimal signal coverage

dLAN® SOLUTION

Sample applications

The dLAN® 500 AVpro UNI is the first professional dLAN® universal adapter. Powerline connections can be made using this device via the power line, via coaxial networks, or via two-wire lines. By using the existing wiring, no construction measures are required.



Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af Auto MDI/X, IEEE 802.1p HomePlug, IEEE 1901
Protocols	CSMA/CA (Powerline)
Transmission speed	Ethernet 10/100/1000 (mbps) Powerline 200/500 (mbps)
Modulation Carrier	Powerline OFDM – 4096/1024/265/64-QAM, QPSK, BPSK Powerline 2880
Range (in m)	Powerline: 300
Security	128 Bit AES
LEDs	Power (on/off) PLC (connected/activity) ETH (link/activity)
Buttons	Coax/PLC Switch
Connections	3 x Ethernet RJ45 1 x Ethernet RJ45/PoE 1 x Phone RJ11 1 x Coax 1 x 2-wire clamp
Power consumption	External 196-250 V AC, 48 V DC 50-60Hz
Temperature (Storage • Operation)	-25°C to 70°C • 0°C to 40°C
Dimensions (in mm, without Plug)	176 x 86 x 36
Surrounding conditions	10-90% humidity (non-condensing)
Operating systems	Windows XP (32 bit), Windows XP (64 bit) Windows Vista (32 bit), Windows Vista (64 bit) Windows 7 (32 bit), Windows 7 (64 bit) Linux (Ubuntu)
Certifications	CE Class A (EU, CH, NO), CE Class B (EU, CH, NO)

devolo
green-IT
Responsible and sustainable



PowerSave



Highly Recyclable

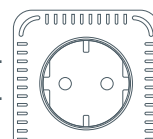


Active Waste Management



RoHS Compliant

Our energy.
Your business.



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