devolo
BUSINESS SOLUTIONS

dLAN® pro 1200+ WiFi ac

- Up to 1200 Mbps transfer rate and range+ technology
- Wi-Fi access point based on ac standard
- 2 x Gigabit LAN and MIMO Powerline
- Professional administration software for installation, configuration and monitoring as well as central WiFi management using the devolo connectivity center

dLAN® pro 1200+ WiFi ac
Professional networking over the power line with dLAN® and Wi-Fi

devolo offers the dLAN® pro 1200+ WiFi ac especially for commercial networking solutions over the existing power line. In addition to a maximum data transmission speed of up to 1,200 Mbps over the power line, the professional adapter features the latest Powerline generation via an integrated Wi-Fi access point (IEEE 802.11 a/b/g/n/ac) and two Gigabit LAN ports. Maximum security is guaranteed through 128-bit encryption (AES), WPA2-Enterprise, RADIUS server support, multi-SSID (up to 14 simultaneously) and VLAN. The professional

administration software (dLAN® AVpro manager) provides support during installation, configuration and monitoring. Simple P2P through or more complex masterslave environments can be displayed with the professional adapter together with remote management, live view, configuration profiles, rights administration and much more. Thanks to „range+ Technology" (patented), the adapter achieves significant increases in range and performance compared with conventional Powerline adapters – even in more complex environments or old buildings.

- Data transmission at speeds up to 1,200 Mbps
- Professional dLAN® Powerline adapter designed for commercial use
- Reliable network connections over the power line (including Wi-Fi)
- 2x Gigabit LAN ports with Auto MDI-X function for connecting any number of network devices via patch cables
- Integrated WiFi access point with high data throughput and full downwards compatibility (IEEE 802.11 a/b/g/n/ac)
- Up to 1,166 Mbps per Wi-Fi thanks to 2 x 2 MiMo technology
- Support for 2.4 and 5 GHz Wi-Fi simultaneously
- Multi-SSID with 14 separated wireless networks simultaneously, separated by VLAN, service or applications

- Separated virtual networks, isolated VLANs for guests, employees, services, etc.
- Maximum security: 128-bit encryption (AES), WPA2-Enterprise, RADIUS server support, LEDs, keys and network ports can be disconnected via software
- Coupling of two networks possible via Wi-Fi (bridging) and the wireless access point operating mode (client mode)
- Display of master-slave network architectures, including P2P isolation
- range+ Technology from devolo: significantly better transmission thanks to optimised and patented signal coupling on the power line. In addition to the phase and neutral wires, range+ Technology also uses the earth wire for the best possible data rates and range
- Thanks to the integrated electrical socket, the power outlet (230 V/16 A) remains available

dLAN

Transmission speeds	Wi-Fi 867 (mbps, 2x2 MIMO/ 5 GHz), Wi-Fi 300 (mbps, 2x2 MIMO/ 2,4 GHz) Ethernet 10/100/1000 (mbps) Powerline 200/500/600/1200 (mbps)
Protocols	CSMA/CA
Modulation	Powerline OFDM - 4096/1024/256/64-QAM, QPSK, BPSK • Powerline 2880 Wi-Fi DSSS (IEEE 802.11b) • Wi-Fi OFDM (IEEE 802.11a, b, g, n, ac)
Security	WPA/WPA2 WPA/WPA2 Enterprise-Mode (802.1x) WPS PIN, WPS PBC, MAC-Address Filter, Wi-Fi Time Schedule* 128 Bit AES PLC encryption
Attenuation filter	2 – 68 MHz
Filter characteristics	-22 db bis -45 db

Ethernet

Protocols	Virtual Local Area Network (VLAN), Number of VLANs: 16 (4096 IDs) Wi-Fi Client, Multi SSIDs: 14 2 x Ethernet RJ45 2x2 for 2,4 + 5 GHz concurrent / 4 x Antenna

Buttons and LED

dLAN (multi)
WiFi
Pairing
Wi-Fi on/off
Factory Default

Additional features

Central WiFi management using devolo connectivity center
SNMP v1, v2c, v3 support for professional monitoring
Energy saving mode (can be disabled)
HTML configuration page
Interfaces (can be disabled)
Buttons (can be disabled)
Master/Slave architecture

dcc features

Overview of all registered devices and statistics
WiFi configuration: Band-Steering, Radio etc.
Retrieval of advanced debug information
30-day history
Centralised landing page management incl. online designer
- Access restrictions according to time and volume
- WYSIWYG
- Access by: codes, social media, click through and password

Standards

IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x,
IEEE 802.11 a, b, g, n, ac (2.4 / 5 GHz concurrent), IEEE 802.3az,
IEEE 802.1p, IEEE 1901, Auto MDI/X,
Peer to Peer Isolation, HomePlug

Operating systems

Windows 7/8.x/10 (x86/x64)
Ubuntu 14.10 x86/x64; openSUSE 12.3 x86/x64

Environment und physical data

Power supply	196 – 250V / 50Hz	
Socket	Integrated, 16A output	
Power consumption	Maximum W/A:	10,4 / 0,1
	Typical W/A:	8,1 / 0,1
	Stand-by W/A	2,2 / 0,1
Temperature	Operating	0 – 40 °C @ <90% humidity, non condensing
	Storage	-25 –70 °C @ <90% humidity, non condensing

Warranty

3 years

Package contents

devolo dLAN pro 1200+ WiFi ac
Ethernet cable
Installation flyer
CE flyer

Sales information

Art. No:	9549
EAN:	4250059695467
Weight:	580 g
Dimensions:	184(L) x 228(B) x 86(H) mm
Dimensions WEEE	354 g
Paper (Green Dot):	165 g
Plastic (Green Dot):	2 g
Other (Gren Dot):	0 g

* Available as of firmware version 1.1.1.
MAC address filter also possible with the devolo connectivity center.

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