

1200
Mbps

Gigabit
Ethernet

1 x LAN

Integrated
socket

MIMO
TECHNOLOGY

Remote
Management
TR-069
SUPPORT



PLC 1200+

Generation Gigabit! The High-End Powerline solutions.

The latest Powerline generation. You can easily build today's most powerful home network over the power line: connect your network-compatible devices at speeds up to 1,200 Mbps for advanced data transmission and lightning-fast Internet access.

devolo
PLC

The home network from the power outlet. Unpack. Plug it in. Get started. The easy way to connect using your home's power lines. Turn any power outlet into an Internet access point.

1200
Mbps

High-performing 1,200 Mbps for lightning-fast data transmission such as broadband Internet, 3D entertainment and 4 K multimedia streaming.

Gigabit
Ethernet

The adapter is equipped with a Gigabit LAN connection for connecting a network-compatible device.



The integrated electrical socket ensures that no power outlet is lost! You can connect terminal devices and power strips directly to the adapter.



Automatic encryption! Active protection from unauthorised access at the touch of a button (AES). From the very start!



The exclusive PowerSave technology from devolo provides minimum energy consumption that is continuous, intelligent and entirely automatic.

MIMO
TECHNOLOGY

For the intelligent use of all 3 physical wires in a power circuit to double the data throughput. devolo's MIMO-Technology enables to reach more power sockets and offers a higher coverage within a home network.

Remote
Management
TR-069
SUPPORT

The adapter offers TR069 remote configuration for excellent and cost-efficient customer support. TR069 enables a comprehensive remote error analysis for Internet service providers, right down to the PLC adapter.

Highlight

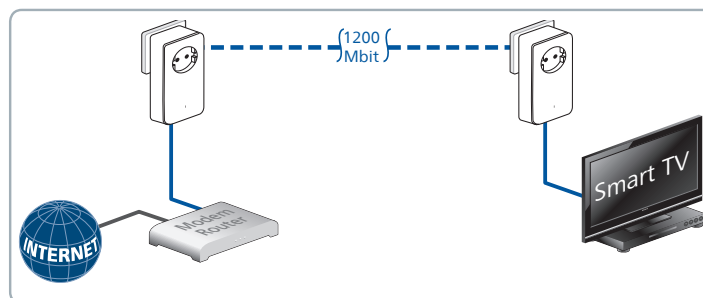


MIMO
TECHNOLOGY

Using all three wires of the power line
MIMO technology has been integrated into devolo Powerline adapters to provide consistent, high-level data communication and maximum coverage. This means all three wires of the power cable are used for data transmission, the phase, neutral conductor and earth wire. In this setup, MIMO provides a simultaneous connection over the phase and neutral conductor as well as the phase and earth wire or the neutral conductor and earth wire. Transmission over two channels enables a significantly higher transfer rate. Communication via the phase and neutral conductor also ensures compatibility with former generations of Powerline.

Technical data

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p, IEEE 802.3az, Auto MDI/X, HomePlug AV2
Processor	QCA 7500 (Qualcomm Atheros) // TR 069 possible
Protocols	CSMA/CA (Powerline)
Transmission speeds & method	Ethernet 10/100/1000 (mbps), Powerline 200/500/600/1200 (mbps). Asynchronous
Modulation • Carrier	Powerline OFDM - 4096/1024/256/64-QAM, QPSK, BPSK • Powerline 2880
Data path	Ethernet <-> power grid
MIMO Technology	Yes
Range (in m)	Powerline: 300
Security	128-bit AES encryption via powerline, pairing: can be activated directly by pressing a button (random key) or manually and individually using software
LED	Multi function
Socket / Connector / Countries	DE, NL, ES, PT, AT, SE, FI, NO, GR, HU, LU: Typ F (CEE 7/4) / Typ F (CEE 7/4), FR, BE, PL: Typ E (CEE 7/5) / Typ E + F (CEE 7/7)
Device port	Ethernet RJ45
Power output	230 V / 16 A max. (to integrated socket), Attenuation filter: 2-68 MHz
Filter characteristics	-22 db to -45 db
Power consumption	Maximum W/A: 4.2 / 0.1, Typical W/A: 3.0 / 0.1, Stand-By W/A: 0.7 / 0.01
Power supply	internal, 196-250 V AC, 50 Hz
Temperature	-25°C to 70°C (Storage); 0°C to 40°C (Operating)
Dimensions and weight	131 x 66 x 42 mm (height x width x depth). Approx. 220 g
Ambient conditions	10-90% Humidity (non-condensing)
Compatibility	Compatible with 200/500/600 Mbps HomePlug AV
Quality of Service Features	<ul style="list-style-type: none"> • Data prioritisation for quality assurance of real time applications (e.g. VoIP or IPTV) • FEC (Forward Error Correction) and Retransmissions • 4 priority levels • Priority levels can be adapted individually for the application (depending on the project)
Buttons	Encryption button (for pairing the adapters)
Certifications	CE Class B (EU, CH, NO)



Professional solutions with devolo

devolo
The Network Innovation