

devolo Giga Bridge

Technical Specifications



G.hn (Wave-2)
MIMO



Up to 2 Gbps
PHY rate



Use of coax or
phone line



Integrated
socket and filter



Suitable for all
private houses



TR-069
support



IP bridge over coax/phone wiring for fiber connections: Delivering the gigabit speed your fiber provides.

The devolo Giga Bridge closes the gap between the Optical Network Termination (ONT) and the Home Gateway by using the existing coax (TV) or phone line. With a high-speed end to end connection and a PHY rate of up to two Gbps the devolo Giga Bridge delivers the gigabit speed the fiber provides.

Product features

Utilises existing coax or phone line

Up to 2 Gbps PHY rate over coax and phone line (twisted pair). Universal solution for private houses. All routers are supported.

Save time and costs

No configuration required. It supports auto-pairing and is automatically secured. This reduces technical service effort and saves costs.

Secure

devolo Giga Bridge adapters only communicate with each other – they are not accessible to unauthorised persons from the internet and are isolated from the LAN.

Gigabit LAN port

The adapter is equipped with a Gigabit Ethernet LAN port for optimum interoperability with all types of CPE equipment.

Everything under control

Remote maintenance and monitoring are possible via TR-069.

Integrated power socket

No power connection is lost.

Engineered in Germany

devolo's experience as a world market leader in home networking results in a 3-year warranty.

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Technical Data

Standards	ITU-T G.hn (G.9960, G.9961, G.9962, G.9963, G.9964)
Frequencies	Coaxial: up to 200 MHz Phone line: SISO up to 200 MHz, MIMO up to 100 MHz
Data rates	Coaxial: PHY rate up to 2 Gbps, ETH throughput up to 1 Gbps Phone line: PHY rate up to 2 Gbps, ETH throughput up to 1 Gbps
Security	Secured management interfaces • Remote management secure channel Stealth mode to not expose IPs and services • 128 Bit AES data encryption
Management	Local web-configuration TR-069 with data model TR-181 devolo remote firmware management
Device connectivity	Data: 1x RJ-45 auto-MDI-X; 10/100/1000 BASE-T Ethernet Coaxial: 1x F-Type Phone line: 1x RJ-45 unshielded (MIMO capable)
LEDs	G.hn (multi-colour) / pairing, connection state, stand-by
Button	Pairing / Factory default (depending on operation sequence)
Power socket • plug	Type F (CEE 7/4), Type E (CEE 7/5), Type G (BS 1363), Type J (SEV 1011); pass-through socket • Type F (CEE 7/4), Type E+F (CEE 7/7), Type G (BS 1363), Type J (SEV 1011)
Output power on integrated socket	max. 16 A
Power supply	196–250 V AC / 50 Hz; internal
Current and power consumption	SISO operation mode: Stand-by: 3.1W / typ.: 3.2W / max.: 3.7W MIMO operation mode: Stand-by: 3.9W / typ.: 4.2W / max.: 4.7W
Ambient temperature range (operation / storage)	0°C to +40°C / -25°C to +70°C
Environmental conditions	10–90% humidity (non-condensing)
Dimensions (in mm, without connector)	143(L) x 72(W) x 41(H)
Approvals	CE compliant
Warranty (in years)	3
Accessories	Installation flyer • Safety flyer • Ethernet patchcords RJ45-RJ45

