devolo

devolo WiFi 6 Repeater 3000
Technical Specifications

Mesh Wi-Fi 6

1x Gigabit LAN

TR-069 support

Crossband-/ Inband-Repeating

Multi-User-MIMO
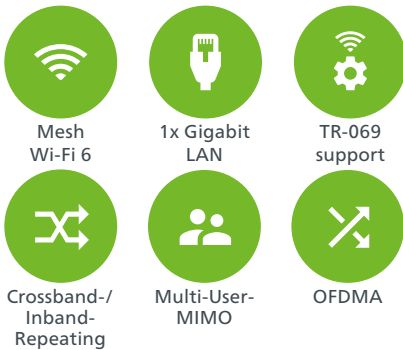
OFDMA

Simply convenient: Getting started with the Wi-Fi 6 home network

The devolo WiFi 6 Repeater 3000 is the convenient entry into the mesh Wi-Fi world. Thanks to Wi-Fi 6, your customers enjoy fast Internet at up to 3000 Mbps.

Wi-Fi Features

- **OFDMA & Mesh Wi-Fi 6**

  Technical features such as OFDMA, Access Point Steering, bidirectional Multi-User MIMO, Airtime Fairness, roaming, etc. enable seamless mesh Wi-Fi coverage.

- **Crossband Repeating**

  Better transmission thanks to the optimal use of both frequency bands (2.4 GHz + 5 GHz). Concurrent Dualband and WPA3 encryption round out the features.

- **Access Point Mode**

  With direct connection to the router via Ethernet cable, the repeater can also be used as a full-featured dualband Access Point incl. Multi-SSID.

- **Wi-Fi Clone**

  SSID and Wi-Fi password are synchronised with the router via WPS button.

- **Beamforming / antenna orientation**

  The Wi-Fi signal is optimally aligned with all mobile devices, ensuring a high-performance connection.

Additional Features

- **Durable and reliable**

  devolo develops benchmark products for millions of worldwide customers – and gives you a 3-year warranty!

- **devolo Home Network App**

  Easy setup with step-by-step instructions.

- **Firmware Management***

  devolo offers network operators its proprietary firmware management solution as a service for all devolo standard retail products.

- **Faster roll-out thanks to TR-069 support for retail products***

  devolo now also offers the TR-069 option for standard retail repeaters. This can significantly reduce the time-to-market for large-scale roll-outs. When the repeater is set up for the first time, it is updated to the ISP-specific TR-069 specification.

- **Improved service thanks to TR-069 remote management***

  For perfect and cost-effective customer support: from comprehensive ad hoc troubleshooting, Big Data and remote firmware updates to local changes to repeater settings – countless options and functions are available.

  *Quantity-based option

devolo WiFi 6 Repeater 3000

Technical Data

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3az IEEE 802.11 a, b, g, n, ac, ax, k, v, r (2,4/ 5 GHz concurrent)
Transmission speeds & methods	Wi-Fi 2402 (Mbps; 2x2 MIMO; 5 GHz), Wi-Fi 574 (Mbps; 2x2 MIMO; 2,4 GHz) Ethernet 10/100/1000 (Mbps)
Wi-Fi technology	OFDMA, Multi-User MIMO
Modulation • carrier	Wi-Fi DSSS (IEEE 802.11b) • Wi-Fi OFDM (IEEE 802.11a, g, n, ac) • Wi-Fi 32
Range (in m)	Wi-Fi: 300
Security	WPA/WPA2/WPA3 Personal, WPS PBC
LEDs	Status / Signal strength display
Buttons	ADD (WPS), Reset (Factory Default)
Connector • countries	Type C (CEE 7/16), Type G (BS1363)
Device port	1 x Ethernet RJ45
Power consumption	Maximum: 9,7 W, typical: 6,1 W
Power supply	100–240 V, 50/60 Hz
Temperature	-25°C to 70°C (storage), 0°C to 40°C (operating)
Dimensions and weight	71 x 149 x 45 mm (height x width x depth, without plug). Weight: 300g
Ambient conditions	10–90 % humidity (non-condensing)
Certification	CE Class B (EU, CH, NO)
Service features	- 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)
devolo managed Services	Managed firmware update