

devolo WiFi Repeater+ ac

Technical Specifications



Wi-Fi ac
(wave 2)



Mesh Wi-Fi



Crossband /
Inband repeating



2x Fast-
Ethernet



Integrated socket
and filter



TR-069
support



Mesh Wi-Fi that is easy to expand: Better coverage and stable connections in any room

devolo's latest WiFi ac repeater with an integrated power socket efficiently boosts the Wi-Fi signal for your customers. The repeater extends the Wi-Fi range and ensures that Internet services can be fully utilised anywhere in the home.

Wi-Fi/Mesh features

- **Crossband repeating:**
Better transmission thanks to optimised use of both frequency bands (2.4 GHz + 5 GHz). Concurrent dual-band and WPA3 encryption round out the scope of functions.
- **Mesh Wi-Fi (802.11 k, v, r):**
Fast Roaming, Airtime Fairness, as well as Channel, Client, and Access Point Steering make your Wi-Fi intelligent. Wi-Fi use is significantly easier and more customer-friendly thanks to automated client handling.
- **Access point mode:**
When connected directly to the router via Ethernet cable, the repeater can also be used as a comprehensive dual-band access point, including multi-SSID.
- **Wi-Fi clone:**
SSID and Wi-Fi password are synchronised with the router using the WPS button.
- **Beamforming / antenna orientation:**
The Wi-Fi signal is optimally geared towards all mobile devices and ensures a high-performance connection.

Additional features

- **Incorporation into devolo Hybrid Mesh networks:**
The repeater can be integrated into an existing devolo Powerline Wi-Fi Mesh network at the touch of a button. Existing configuration data such as SSID, Wi-Fi password, guest network, time control setting and parental controls are synchronised in the network.
- **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.
- **Faster roll-out thanks to TR-069 support for retail adapters*:**
devolo now also offers the TR-069 option for standard retail adapters. 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.
- **Firmware management*:**
devolo offers network operators its proprietary firmware management solution as a service for all devolo OEM and standard retail adapters.

* Quantity-based option

devolo WiFi Repeater+ ac

Technical Data

| | |
|--|--|
| Standards | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.11 a, b, g, n, ac, k, v, r, (2.4 / 5 GHz concurrent), IEEE 802.3az, IEEE 802.1p Auto MDI/X, Airtime Fairness, Band Steering, Access Point Steering |
| Transmission speeds & methods | Wi-Fi 867 (Mbps, 2x2 MIMO/ 5 GHz), Wi-Fi 300 (Mbps, 2x2 MIMO/ 2.4 GHz) Ethernet 10/100 (Mbps) |
| Wi-Fi MIMO technology | Yes |
| Modulation • carrier | Wi-Fi DSSS (IEEE 802.11b) • Wi-Fi OFDM (IEEE 802.11a, g, n, ac) • WiFi 32 |
| Range (in m) | Wi-Fi: 300 |
| Security | WPA/WPA2/WPA3, WPS PIN, WPS PBC, MAC-Address filter, Wi-Fi Time Schedule |
| LEDs | WiFi |
| Buttons | Pairing, WPS, Factory Default |
| Socket • connector • countries | Type F (CEE 7/4) • F (CEE 7/4) • (DE, NL, ES, PT, AT, SE, FI, NO, GR, HU, SI) |
| Device port | 2x Ethernet RJ45, 4x integrated antenna |
| Power output | 230 V / 16 A max. (to integrated socket), attenuation filter: 2-80 MHz |
| Filter characteristics | -22 dB to -45 dB |
| Power consumption | Maximum: 5,6W, typical: 4,6W |
| 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 | 152 x 76 x 40 mm (height x width x depth). Approx. 360 g |
| Ambient conditions | 10-90% humidity (non-condensing) |
| 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) |
| Certification | CE Class B (EU, CH, NO) |
| devolo Managed Services | Managed FW update |

