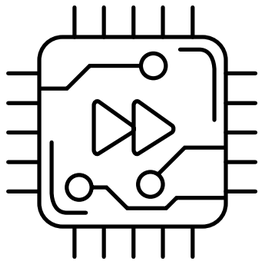
Rohde & Schwarz Networks and Cybersecurity

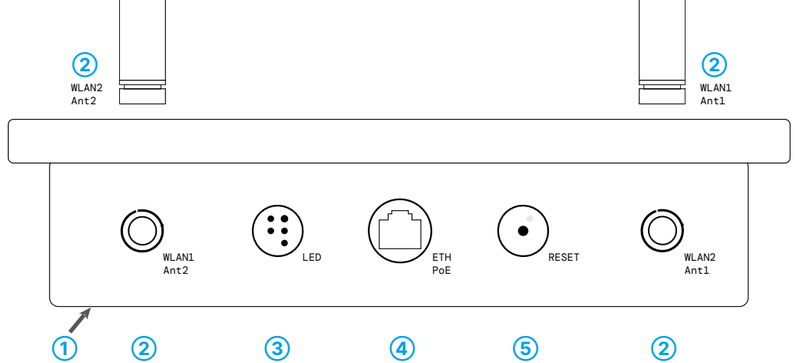
Hardware Quick Reference

R&S®LANCOM OW-702

Mounting & connecting



Cloud-ready



① **Ground connection (bottom of device)**
Attach the enclosed grounding cable to the housing on one side with the enclosed M3 screw and to a suitable grounding conductor on the other side.

② **Antenna connectors**
Screw the supplied dualband antennas to the corresponding connectors on the front and back of the device.

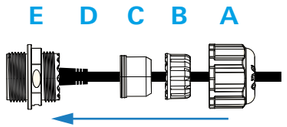
③ **LED block**
Display of the operating states of the access point

④ **Ethernet interfaces ETH PoE**
The device is simultaneously powered via the ETH PoE connection.
Prepare to install a waterproof Ethernet cable (e. g., R&S®LANCOM OW Ethernet Cable 15/30 m) by sliding the end cap **A** and then the clamp ring **B** over the Ethernet connector **D** on the cable as shown in the adjacent figure.
Then place the two seal halves **C** between plug **D** and clamp ring **B** on the cable and join them together. Next, insert plug **D** into LAN1 connector **E** on the device, carefully push all previously assembled parts towards plug **D** and screw the end cap **A** to LAN1 connector **E** on the device.
Outdoor cable diameter: 6.5 mm to 8.5 mm
Connect the other end of the network cable to the ‚Power-Out' port of a suitable PoE injector. If required, additionally connect the LAN2 interface to another network device via a waterproof Ethernet cable.

To remove the cable, follow the steps in reverse order. When unscrewing the end cap **A**, it is recommended that you hold the ETH PoE connector **E** on the device in place using a suitable tool, such as a 25 mm open-end wrench.
If the device-side ETH PoE connector **E** does happen to loosen during disassembly, it can be reattached to the device housing with a torque of 1.8 to 1.9 Nm.

⑤ **Reset button (accessible after removing the cover)**
To restore the default device configuration, carefully press the reset button in the device with a suitable pointed object through the recess in the housing until the LEDs on the device go out. During the following automatic restart, the device loads the default configuration.







Before initial startup, please make sure to take notice of the information regarding the intended use in the enclosed installation guide!

Operate the device only with a professionally installed power supply at a nearby power socket that is freely accessible at all times.

Installing access points and/or external antennas without adequate lightning protection can lead to serious damage to the devices and/or to the related network infrastructure.

Please observe the following when setting up the device
- ▶ Do not place any objects on the top of the device or stack several devices
- ▶ Lockable wall and ceiling mounting using the supplied wall mount

ROHDE&SCHWARZ
Make ideas real

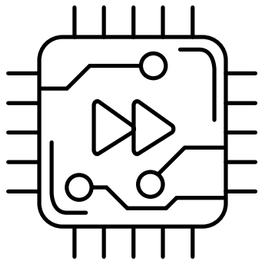
R&S and Rohde & Schwarz are trademarks of Rohde & Schwarz GmbH & Co. KG, registered or used, among others, in Germany, the EU, the USA, China, and other countries. Other names or designations used may be registered trademarks of different companies or owners. This document contains forward-looking statements regarding products and product features. The publisher reserves the right to change these at any time without stating reasons. No liability is accepted for technical inaccuracies or omissions. 08/2026

Rohde & Schwarz Networks and Cybersecurity

Hardware Quick Reference

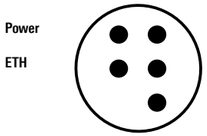
R&S®LANCOM OW-702

LED description & technical details



Cloud-ready

ROHDE&SCHWARZ
Make ideas real



Power	
Off	Device switched off
Green, permanently*	Device operational, resp. device paired / claimed and R&S®LANCOM Management Cloud (R&S®LMC) accessible
1x green inverse blinking*	Connection to the R&S®LMC active, pairing OK, device not claimed
2x green inverse blinking*	Pairing error, resp. R&S®LMC activation code not available
3x green inverse blinking*	R&S®LMC not accessible, resp. communication error
ETH	
Off	No networking device attached
Green, permanently	Connection to network device operational, no data traffic
Green, flickering	Data traffic

WLAN1 / WLAN2	
Off	No Wi-Fi network defined or Wi-Fi module deactivated. The Wi-Fi module is not transmitting beacons.
Green	At least one Wi-Fi network is defined and Wi-Fi module activated. The Wi-Fi module is transmitting beacons.
Green, blinking (WLAN2 only)	DFS scanning or other scan procedure
R&S®LANCOM Management Cloud	
Green	Connected to R&S®LANCOM Management Cloud (R&S®LMC)

Hardware	
Power supply	Via Power-over-Ethernet compliant to IEEE 802.3at
Environment	-30 °C to +65 °C
Housing	Robust plastic housing, protection class IP 67, for wall and pole mounting. **Note:** For installation in salt water environments please use a suitable outer housing. Dimensions 225 × 225 × 73.5 mm (depth x width x height)
Wi-Fi	
Frequency bands	2.4 GHz and 5 GHz, 2,400-2,483.5 MHz (ISM) or 5,150-5,725 MHz (restrictions vary between countries)
Antenna gain	2 dBi at 2.4 GHz and 3 dBi at 5 GHz
Minimum transmission power	Transmission-power reduction in software by 1 dB steps to min. 0.5 dBm
Radio channels 2.4 GHz	Up to 13 channels, max. 3 non-overlapping (2.4-GHz band)
Radio channels 5 GHz	Up to 26 non-overlapping channels (channels available vary according to country regulations; DFS for automatic dynamic channel selection required)
Bluetooth Low Energy	The device can detect BLE devices in the neighborhood and forward the data to external systems for analysis.
Interfaces	
LAN1 (PoE)	10 / 100 / 1,000 / 2,500Mbps auto-sensing, PoE as per IEEE 802.3at
Wi-Fi	4 NJ ports (2 for 2.4 GHz Wi-Fi module, 2 for 5 GHz Wi-Fi module); BLE: internal antenna
Package contents	
Antennas	4 external dipole dual-band Wi-Fi antennas
Mounting kit	Equipment for wall and pole mounting, grounding cable

*) The additional power LED statuses are displayed in 5-seconds rotation if the device is configured to be managed by the R&S®LANCOM Management Cloud

Hereby, Rohde & Schwarz Networks and Cybersecurity GmbH | Adenauerstrasse 20/B2 | D-52146 Wuerselen, declares that this device is in compliance with Directives 2014/30/EU, 2014/53/EU, 2014/35/EU, 2011/65/EU, and Regulation (EC) No. 1907/2006. The full text of the EU Declaration of Conformity is available at www.rohde-schwarz.com/networks-and-cybersecurity under 'Service & Support → Online documentation → Compliance & product certifications'.

R&S and Rohde & Schwarz are trademarks of Rohde & Schwarz GmbH & Co. KG, registered or used, among others, in Germany, the EU, the USA, China, and other countries. Other names or designations used may be registered trademarks of different companies or owners. This document contains forward-looking statements regarding products and product features. The publisher reserves the right to change these at any time without stating reasons. No liability is accepted for technical inaccuracies or omissions. 08/2026