R&S®LANCOM OW-702: High-speed Wi-Fi 7 for harsh environments

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German network and security supplier Rohde & Schwarz Networks and Cybersecurity (formally LANCOM Systems) is expanding its wireless LAN portfolio with a new Wi-Fi 7 outdoor access point. The R&S®LANCOM OW-702 is the ideal solution for stable and professional multi-Gigabit Wi-Fi in open areas with small to medium numbers of users. Parking spaces, cold stores, production halls, or warehouses can be seamlessly networked using this robust, IP67 protection-rated outdoor model. The R&S®LANCOM OW-702 can be managed either highly automatically via the R&S®LANCOM Management Cloud or through an intuitive web interface. Management by WLAN controller is also an option.

By supporting the Wi-Fi 7 standard, the R&S®LANCOM OW-702 offers additional capacity gains and minimizes interference in crowded wireless environments. Aggregated data rates of up to 3.6 Gbps make this access point the ideal choice for environments with high data throughput. The included omni-directional antennas provide wide coverage, while optional sector antennas allow for targeted coverage of specific areas. The scope of delivery also includes accessories for wall or pole mounting.

Protective housing for the extreme conditions

Reliable operations under extreme conditions are ensured by the dust-proof and water-jet-resistant IP67 protective housing and an extended temperature range from -30°C to +65°C. Power is supplied via PoE (802.3at), which allows for easy installation even in hard-to-reach locations.

Integrated Bluetooth Low Energy technology

The Bluetooth Low Energy radio module (BLE 5.4) integrated into the R&S®LANCOM OW-702 forms the basis for modern BLE beaconing-based applications, such as asset tracking, indoor navigation or visitor counting outdoors.

Built-in security

Comprehensive security features such as WPA3-Personal and WPA3-Enterprise, as well as the simple, user-friendly connection of new clients via QR code, ensure the highest level of Wi-Fi security.
As a holder of the “IT Security made in Germany” trust mark, Rohde & Schwarz Networks and Cybersecurity places the highest priority on the security and compliance of its solutions. R&S®LANCOM switches, access points, routers, firewalls and the ISO 27001-certified

R&S®LANCOM Management Cloud enable legally compliant operations that meet NIS2 and data-protection requirements even in sensitive environments.

Versatile management and cloud-readiness

The R&S®LANCOM OW-702 operates as a standalone unit or as managed via the cloud. When operating standalone, an intuitive web interface (WEBconfig) provides an optimal overview: Modern dashboards display the current Wi-Fi status and simplify the configuration of individual networks (SSIDs) and network keys. When managed via the R&S®LANCOM Management Cloud (R&S®LMC), configuration is fully automated and requires no manual intervention (zero-touch deployment) thanks to software-defined networking (SDN). It can also operate via a WLAN controller or a virtual controller in a R&S®LANCOM vRouter.

Perfect Wi-Fi at the touch of a button

The automation solution R&S®LANCOM Active Radio Control™ 2.0 scans, analyzes, and optimizes the Wi-Fi even at locations with data-intensive applications, high numbers of users, or interfering external networks. Even under complex conditions, a holistic, self-learning optimization of the Wi-Fi installation improves channel distribution, channel-width utilization, and transmission power. Access points managed via the R&S®LANCOM Management Cloud can also be prioritized according to their usage. Based on actual utilization patterns, capacity is provided exactly where it is needed. This saves manual work for IT administrators and quickly optimizes the Wi-Fi installation.

Future viability with guaranteed updates

For maximum investment protection, Rohde & Schwarz Networks and Cybersecurity offers free security and feature updates for up to two years after the product's end of sale (EOS). If the device warranty is extended, feature updates are guaranteed for up to five years after EOS. In many cases, critical security fixes and support reach far beyond that.

The R&S®LANCOM OW-702 is available now for EUR 879 (RRP excl. VAT) with a three-year warranty (five years optional). The R&S®LANCOM PoE++ Injector required for operation without a power supply is available at a RRP of EUR 115 (excl. VAT). Weatherproof Ethernet cables for integrating the R&S®LANCOM OW-702 into the network are available from EUR 51 (RRP excl. VAT).

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About Rohde & Schwarz Networks and Cybersecurity

Rohde & Schwarz Networks and Cybersecurity is a leading European manufacturer of network and security solutions for business, the public sector, and organizations subject to specific security and certification requirements. The company was established in 2026 through the merger of two Rohde & Schwarz subsidiaries, LANCOM Systems and Rohde & Schwarz Cybersecurity.

The portfolio includes hardware (WAN, LAN, WLAN, firewalls), virtual network components, cloud-based software-defined networking (SDN), remote and mobile access solutions, as well as high-throughput network encryption and endpoint security solutions based on the “zero trust” model. Many of these products are BSI-approved for securing classified data.

There is a strong focus on reliability and security. The company is a holder of the trust mark “IT Security Made in Germany” as initiated by the German Ministry of Economics. Trusted solutions from Rohde & Schwarz Networks and Cybersecurity help organizations build a secure and fully digitized environment, thereby making a meaningful contribution to digital sovereignty. More information
under: https://www.rohde-schwarz.com/networks-and-cybersecurity

About Rohde & Schwarz

Rohde & Schwarz is striving for a safer and connected world with its Test & Measurement, Technology Systems and Networks & Cybersecurity Divisions. For over 90 years, the global technology group has pushed technical boundaries with developments in cutting-edge technologies. The company's leading-edge products and solutions empower industrial, regulatory and government customers to attain technological and digital sovereignty. The privately owned, Munich-based company can act independently, long-term and sustainably. Rohde & Schwarz generated a net revenue of EUR 3.16 billion in the 2024/2025 fiscal year (July to June). On June 30, 2025, Rohde & Schwarz had more than 15,000 employees worldwide.