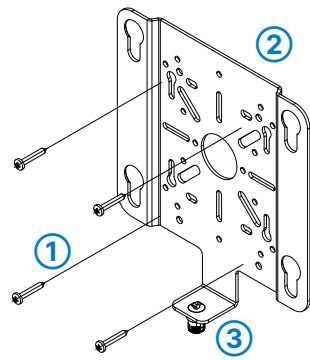
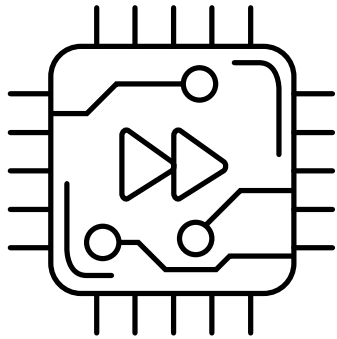


Mounting & connecting

Hardware Quick Reference LANCOM LX-7500



Wall mounting

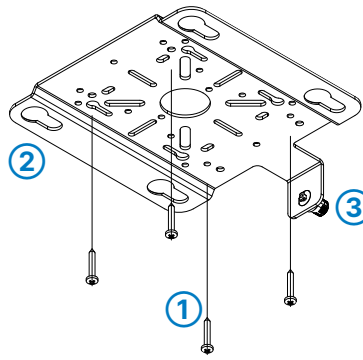
Depending on the wall material structure, select 4 suitable pan head screws M4×35 (1) and, if necessary, suitable dowels for mounting the retaining plate (2) on a sufficiently load-bearing wall.

Mount the retaining plate (2) with the screws (1) through the holes marked in the illustration to the wall.

The access point is already prepared for mounting on the mounting plate.
Insert the access point into the mounting plate so that the locking mechanisms on the device and mounting plate are opposite each other and the screws M6×10 (4) already pre-assembled on the device reach into the keyhole-shaped recesses of the retaining plate. Then push the device towards the locking mechanism up to the stop.

Ensure that the appliance is locked by tightening the locking screw (3) in the direction of the device and then turn it 90° clockwise.

To remove the device, turn the locking screw (3) 90° counterclockwise and pull it away from the device. The device can now be removed from the retaining plate in the opposite direction to the locking direction.



Ceiling mounting

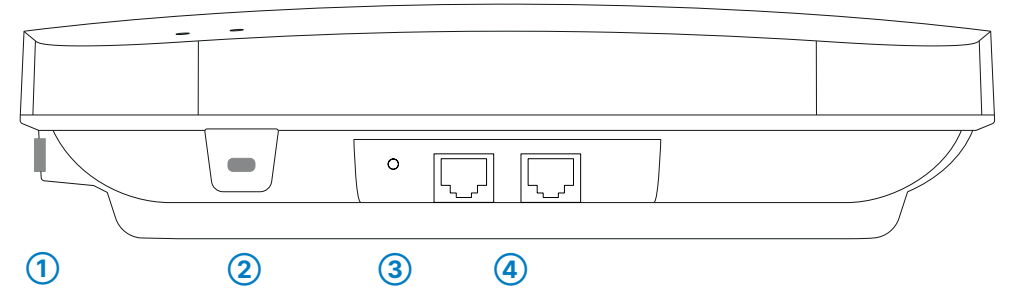
Depending on the ceiling material structure, select 4 suitable pan head screws M4×35 (1) and, if necessary, suitable dowels for mounting the retaining plate (2) on a sufficiently load-bearing ceiling.

Mount the retaining plate (2) with the screws (1) through the holes marked in the illustration to the ceiling.

The access point is already prepared for mounting on the mounting plate.
Insert the access point into the mounting plate so that the locking mechanisms on the device and mounting plate are opposite each other and the screws M6×10 (4) already pre-assembled on the device reach into the keyhole-shaped recesses of the retaining plate. Then push the device towards the locking mechanism up to the stop.

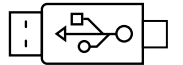
Ensure that the appliance is locked by tightening the locking screw (3) in the direction of the device and then turn it 90° clockwise.

To remove the device, turn the locking screw (3) 90° counterclockwise and pull it away from the device. The device can now be removed from the retaining plate in the opposite direction to the locking direction.



1 USB 3.0 interface

Connect compatible USB devices to the USB interface either directly or via a suitable USB cable.



2 Kensington Lock holder

For mechanical theft protection of the access point

3 Reset button

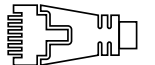
Pressed up to 5 seconds: Device restart

Pressed longer than 5 seconds:
Configuration reset and device restart



4 TP-Ethernet interfaces ETH1 / ETH2

Connect the ETH1 or ETH2 interfaces to other network components using suitable Ethernet cables.



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

Please note that support for third-party accessories is not provided.



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



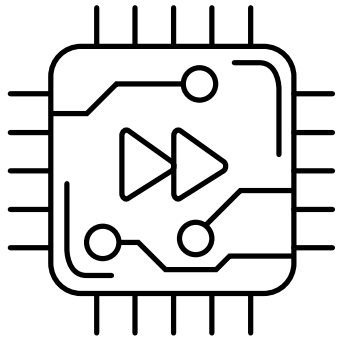
LANCOM
SYSTEMS



Cloud-ready

Hardware Quick Reference

LANCOM LX-7500



| A Power | |
|--|---|
| Off | Device switched off |
| Green, permanently* | Device operational, resp. device paired / claimed and LANCOM Management Cloud (LMC) accessible. |
| Blue / red, alternatingly blinking | DHCP error or DHCP server not accessible (only when configured as DHCP client) |
| 1x green inverse blinking* | Connection to the LMC active, pairing OK, claiming error. |
| 2x green inverse blinking* | Pairing error, resp. LMC activation code / PSK not available. |
| 3x green inverse blinking* | LMC not accessible, resp. communication error. |
| Purple, blinking | Firmware update |
| Purple, permanently | Device booting |
| Yellow / green, blinking alternating with WLAN Link LED | The access point searches for a WLAN controller |
| Yellow, permanently (after configuration of at least one SSID) | Device is supplied with reduced PoE power |

| B WLAN Link | |
|---|--|
| Off | No Wi-Fi network defined or Wi-Fi module deactivated. The Wi-Fi module is not transmitting beacons. |
| Green, permanently | At least one Wi-Fi network defined and Wi-Fi module activated. The Wi-Fi module is transmitting beacons. |
| Green, inverse flashing | Number of flashes = number of connected Wi-Fi stations |
| Green, blinking | DFS scanning or other scan procedure |
| Red, blinking | Wi-Fi module hardware error |
| Yellow / green, blinking alternating with power LED | The access point searches for a WLAN controller |

| Hardware | |
|--------------------------|---|
| Power supply | PoE 802.3bt or 802.3at for ETH1 and ETH2 (Dual PoE) PoE operating modes configurable for load balancing or failover Full scope of functions with 1× 802.3bt or 2× 802.3at |
| Environment | Temperature range 0–40 °C Humidity 0–95 %, non-condensing |
| Housing | Robust housing made of aluminum and plastic, protection class IP50, UL 2043; dimensions 270 × 270 × 65 mm (W x D x H), Kensington lock |
| Number of fans | None; fanless design, no rotating parts, high MTBF |
| Interfaces | |
| ETH1 (PoE) | 100M / 1G / 2.5G / 5G / 10G BaseT, PoE 802.3at/bt |
| ETH2 | 10M / 100M / 1G / 2.5G BaseT, PoE 802.3at/bt |
| USB | USB 3.0 |
| Wi-Fi | |
| Frequency band | 2,400–2,483.5 MHz, 5,150–5,350 MHz, 5,470–5,725 MHz, 5,945–6,425 MHz; Country-specific restrictions possible. |
| Transmission rates | 4×4 MIMO and 40 MHz channel width with up to 1,150 Mbps acc. to IEEE 802.11ax with MCS11 / QAM-1024 |
| 2.4 GHz | |
| 5 GHz | 4×4 MIMO and 160 MHz channel width with up to 5,764 Mbps acc. to IEEE 802.11be with MCS13 |
| 6 GHz | 4×4 MIMO aand 320 MHz channel width with up to 11,528 Mbps acc. to IEEE 802.11be with MCS13 |
| Radio channels | |
| 2.4 GHz | Up to 13 channels, max. 3 non-overlapping |
| 5 GHz | Up to 19 non-overlapping channels (automatic dynamic channel selection required) |
| 6 GHz | Up to 24 non-overlapping channels (EU/ETSI) |
| Streams | 4×4 Multi-User MIMO for simultaneous control of multiple clients in downlink and uplink |
| Antennas | Integrated |
| Other radio technologies | |
| BLE | The device can detect BLE devices in the environment and forward the data to external systems for analysis using a REST API. |
| Package content | |
| Mounting kit | Mounting kit for wall and ceiling mounting |

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

The product contains separate components which, as so-called open source software, are subject to their own licenses, in particular the General Public License (GPL). The license information for the device firmware (LCOS LX) can be found via the command line with the command „show 3rd-party-licenses“. If required by the respective license, source files for the affected software components are provided on request. For this purpose, please contact us via e-mail at gpl@lancom.de.

Hereby, LANCOM Systems GmbH | Adenauerstrasse 20/B2 | D-52146 Wuerselen, declares that this device is in compliance with Directives 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 the following Internet address: www.lancom-systems.com/doc