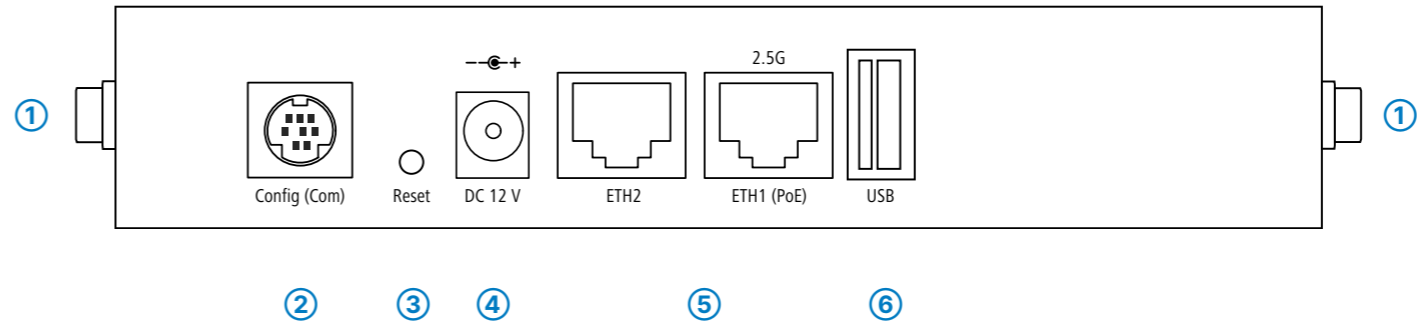
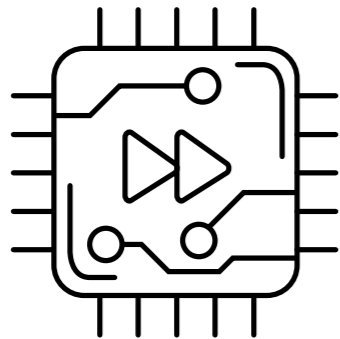


Hardware Quick Reference

LANCOM LX-6400

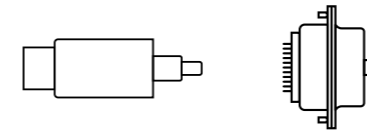
LANCOM LX-6402



1 Wi-Fi antenna connectors (only LX-6402)
Screw the supplied Wi-Fi antennas onto the dedicated connectors.



2 Serial interface
You can optionally configure the device by connecting it to a PC with a configuration cable (separately available).

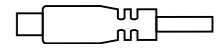


3 Reset button
Pressed up to 5 seconds:
device restart

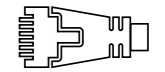
Pressed longer than 5 seconds:
configuration reset and device restart



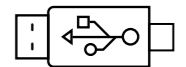
4 Power supply connection socket
In case the power supply of the device should not be done via the PoE interface, please use only the supplied external power adapter.



5 Ethernet interfaces
Use the cable with the Ethernet connectors to connect interface ETH1 (PoE) or ETH2 to your PC or a LAN switch.



6 USB interface
Connect compatible USB devices either directly to the USB interface, or use a suitable USB cable.



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.

The power plug of the device must be freely accessible.

Please note that support service for third-party accessories is excluded.



Please observe the following when setting up the device

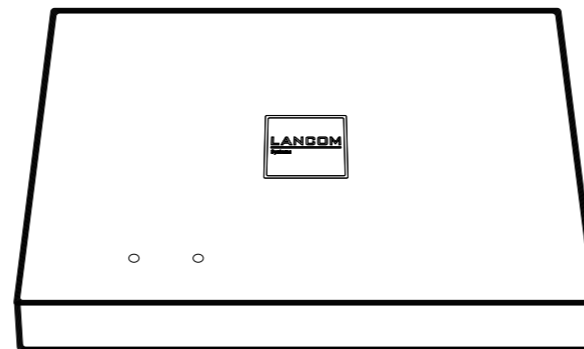
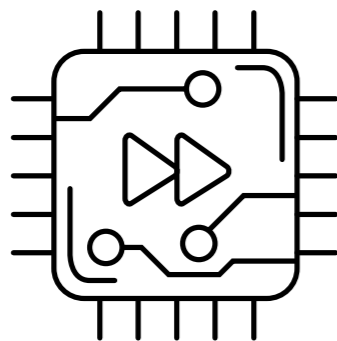
- For devices to be operated on the desktop, please attach the adhesive rubber footpads.
- Do not rest any objects on top of the device.
- Keep all ventilation slots of the device clear of obstruction.
- Lockable wall and ceiling mounting with the LANCOM Wall Mount (LN) (available as an accessory)

LED description & technical details

Hardware Quick Reference

LANCOM LX-6400

LANCOM LX-6402



A **B**

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	12 V DC, external power adapter or PoE based on 802.3at via ETH1 For an overview of the power supplies compatible with your device, see www.lancom-systems.com/kb/power-supplies .
Power consumption	Max. 22 W via 12 V / 2.5 A power adapter (value refers to the total power consumption of access point and power adapter), Max. 24 W via PoE (value solely refers to the power consumption of the access point)
Environment	Temperature range 0–40 °C Access point overheating is avoided by automatic throttling of the Wi-Fi modules. Humidity 0-95 %; non-condensing
Housing	Robust synthetic housing, rear connectors, ready for wall and ceiling mounting; measures 205 x 42 x 205 mm (W x H x D)
Number of fans	None; fanless design, no rotating parts, high MTBF

Wi-Fi

Frequency band	2,400-2,483.5 MHz (ISM) or 5,150–5,350 MHz, 5,470-5,725 MHz (restrictions vary between countries)
Radio channels 2.4 GHz	Up to 13 channels, max. 3 non-overlapping (2.4 GHz band)
Radio channels 5 GHz	Up to 19 non-overlapping channels (automatic dynamic channel selection required)

Interfaces

ETH1 (PoE)	10 / 100 / 1000 / 2.5G Base-T; PoE adapter compliant to IEEE 802.3at required
ETH2	10 / 100 / 1000 Base-T
Serial interface	Serial configuration interface / COM-port (8-pin mini-DIN): 115,000 baud

Package content

Antennas (only LX-6402)	4 dipole dual-band antennas, maximum gain: 2,3 dBi in the 2.4 GHz band, 5 dBi in the 5 GHz band.
Cable	Ethernet cable, 3 m
Power adapter	External power adapter (not included with bulk item)

*) 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 2014/30/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 the following Internet address: www.lancom-systems.com/doc



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