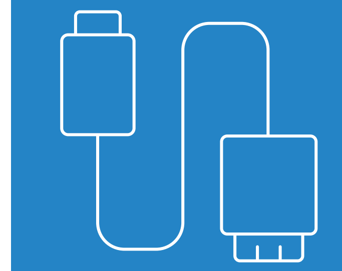
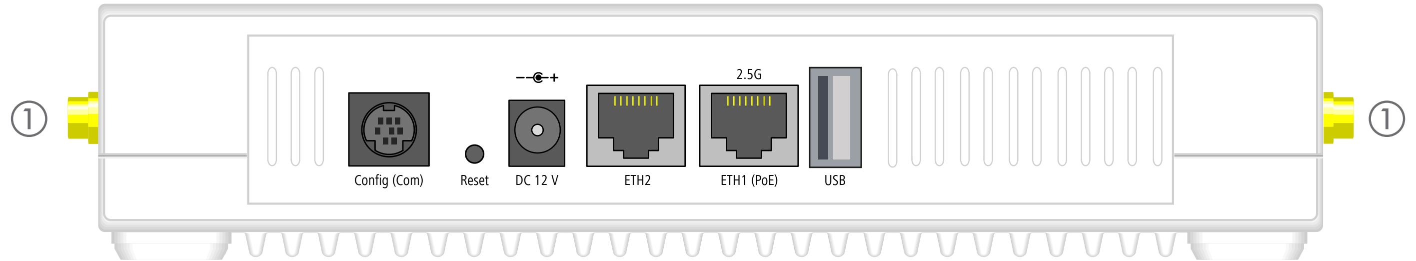
SECURE. **NETWORKS.**

LANCOM LX-6400
LANCOM LX-6402
Quick Reference Guide



Cloud-ready

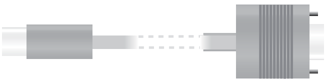
LANCOM Systems



① ② ③ ④ ⑤ ⑥

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).

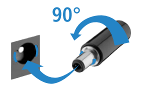


③ **Reset button**
Pressed up to 5 seconds: device restart

Pressed longer than 5 seconds:
configuration reset and device restart

Reset

④ **Power**
After connecting the cable to the device, turn the connector 90° clockwise to prevent it from accidental unplugging. Use only the supplied 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.

Please observe the following when setting up the device
- The mains plug of the device must be freely accessible.
- For devices to be operated on the desktop, please attach the adhesive rubber footpads.
- Do not rest any objects on top of the device and do not stack multiple devices. 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)

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.

MOUNTING AND CONNECTING THE DEVICE

① ②

① 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.

② 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

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

TECHNICAL DETAILS

Hardware	
Power supply	12 V DC, external power adapter (110 V or 230 V) with bayonet connector to secure against disconnection, or PoE based on 802.3at via ETH1
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	2400-2483.5 MHz (ISM) or 5180-5700 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
Declaration of Conformity	
Hereby, LANCOM Systems GmbH | Adenauerstrasse 20/B2 | D-52146 Wuerselen, declares that this radio equipment is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.lancom-systems.com/ce/	
Package content	
Documentation	Installation Guide (DE / EN), Quick Reference Guide (DE / EN)
Antennas (only LX-6402)	Four 3dBi dipole dual-band antennas
Cable	Ethernet cable, 3 m
Power adapter	External power adapter, NEST 12 V / 2.5 A DC/S, barrel connector 2.1 / 5.5 mm bayonet, LANCOM item no. 111760 (EU, 230 V) (not for WW devices)