

LANCOM LN-630acn

Quick Reference Guide



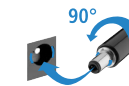
1 Reset button
 Pressed up to 5 seconds: device restart

Pressed until first flashing up of all LEDs:
 configuration reset and device restart

2 Ethernet Interface
 Use the Ethernet cable to connect the interface ETH1 (PoE) to your PC or a LAN switch.



3 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.

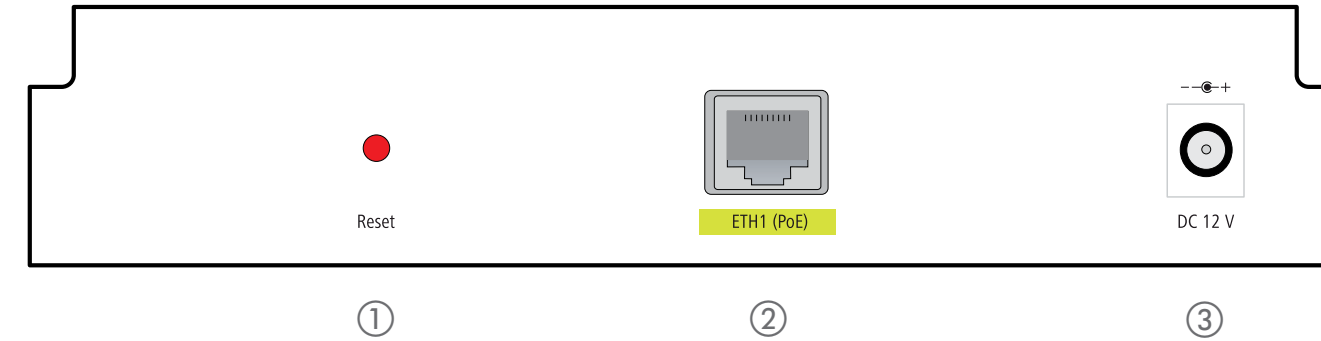


Please observe the following when setting up the device

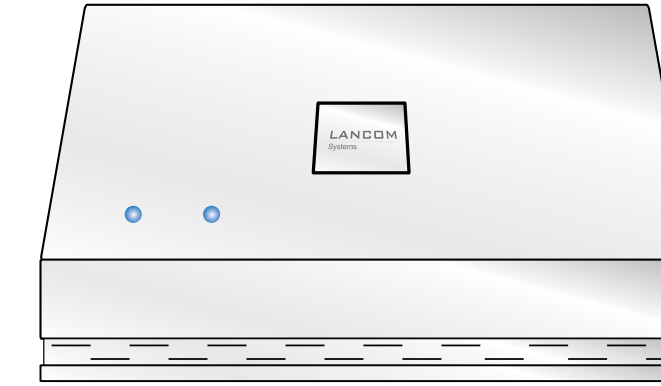
- > For devices to be operated on the desktop, please attach the adhesive rubber footpads
- > Do not rest any objects on top of the device and do not stack multiple devices
- > In case of wall or ceiling mounting, use the drilling template as supplied
- > Keep the ventilation slots on the side of the 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.

! Please note that when the two Wi-Fi modules are operating in the same frequency band, mutual interference cannot be ruled out.



SETTING UP AND CONNECTING THE DEVICE



1 Power

Off	Device switched off
Green, permanently*	Device operational, resp. device paired / claimed and LANCOM Management Cloud (LMC) accessible
Red / green, blinking	Configuration password not set. Without a configuration password, the configuration data in the device is unprotected.
Orange / green, blinking alternately with the WLAN link LED	At least one Wi-Fi module is in managed mode and has not found a WLAN controller yet. The corresponding Wi-Fi module(s) is/are switched off until a WLAN controller is found to supply a configuration, or until being switched manually into another operating mode.
Orange / red, blinking alternately with the WLAN link LED	At least one Wi-Fi module is in managed mode and has found a WLAN controller. However, the WLAN controller cannot assign a configuration because the firmware and/or the device's loader version is not compatible with the WLAN controller.
1x green inverse blinking*	Connection to the LMC active, pairing OK, device not claimed
2x green inverse blinking*	Pairing error, resp. LMC activation code 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 is 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 and P2P wireless connections, followed by a pause (default). Alternatively the frequency of the flashing can indicate signal strength over the defined P2P link or the signal strength between the access point and the device operating in client mode.
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.

Hardware	
Power supply	12 V DC, external power adapter (110 or 230V) with bayonet connector to secure against disconnection or PoE as per 802.3af via ETH 1
Power consumption	max. 10 W via PoE and power adapter
Environment	Temperature range 0–45 °C, 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 (channels available vary according to country regulations; DFS for automatic dynamic channel selection required)
Interfaces	
ETH1 (PoE)	10 / 100 / 1000 Base-TX, Autosensing, Auto Node-Hub, PoE compliant with IEEE 802.3af
Declaration of conformity	
Hereby, LANCOM Systems GmbH Adenauerstrasse 20/B2 D-52146 Wuersele, 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	Quick Reference Guide (DE/EN), Installation Guide (DE/EN)
Cables	1 Ethernet cable, 3 m
Power adapter (only EU devices)	External power adapter, NEST 12 V / 1.5 A DC/5, barrel connector 2.1 / 5.5 mm bayonet, LANCOM item no. 111507 (EU, 230 V)