



... connecting your business

## LANCOM LN-830acn dual Wireless

### Quick Reference Guide



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

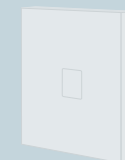


- Keep the ventilation slots on the side of the device clear of obstruction

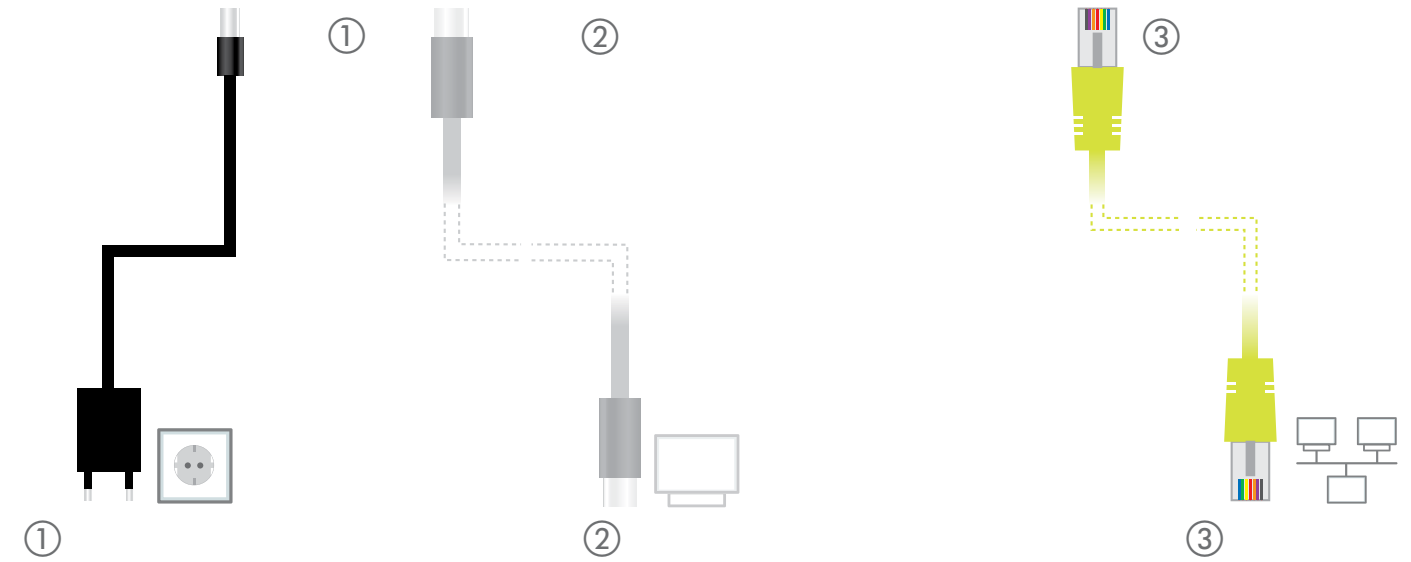
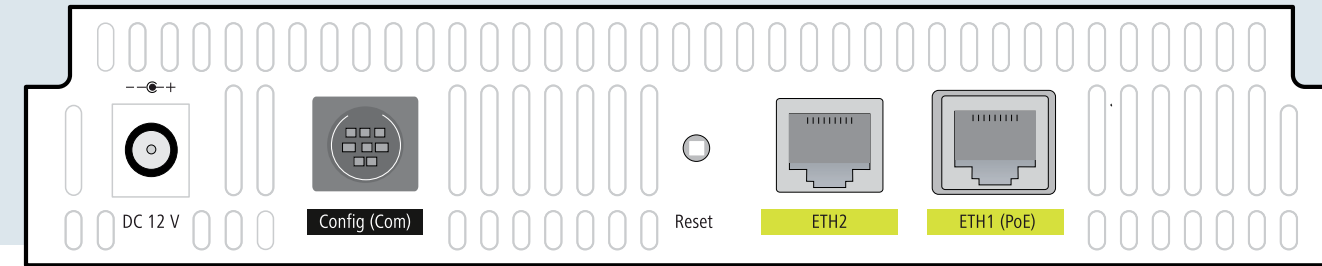
- In case of wall or ceiling mounting, use the drilling template as supplied



- Lockable wall and ceiling mounting with the LANCOM Wall Mount (LN) (available as an accessory)



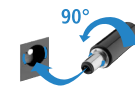
**LANCOM**  
Systems



①

#### Power

When connecting the cable to the device, turn the bayonet connector 90° clockwise until it clicks into place.



Use only the supplied power adapter!

②

#### Optional: Serial configuration cable

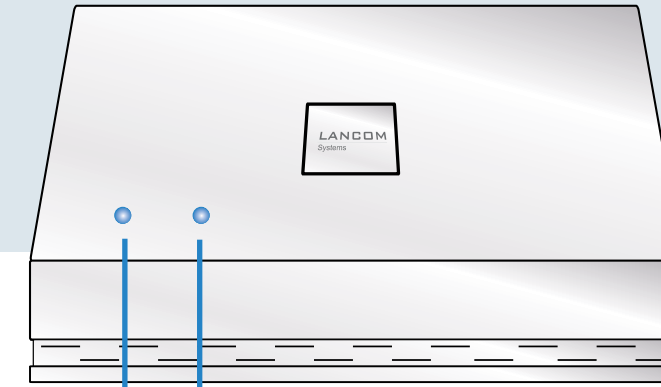
You can configure the device by connecting it to a PC with a configuration cable (available separately).

③

#### LAN

Use the cable with the kiwi-colored connectors to connect interface ETH1 PoE or ETH2 to your PC or a LAN switch.

MOUNTING AND CONNECTING THE DEVICE



#### ① Power

Off	Gerät abgeschaltet
grün dauerhaft an	Gerät betriebsbereit
Green, on (constant)	Configuration password not set. Without a configuration password, the configuration data in the device is unprotected.
Blinking alternately orange/green with the WLAN link LED	At least one WLAN module is in managed mode and has not found a WLAN Controller yet. The corresponding WLAN 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.
Blinking alternately orange/red with the WLAN link LED	At least one WLAN 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.

#### ② WLAN Link

Off	No WLAN network defined or WLAN module deactivated. The WLAN module is not transmitting beacons.
Green	At least one WLAN network is defined and WLAN module activated. The WLAN module is transmitting beacons.
Green inverse flashing	Number of flashes = number of connected WLAN 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.
Blinking green	DFS scanning or other scan procedure.
Red, blinking	Hardware error in the WLAN module.

Hardware	
Power supply	12 V DC, external power adapter (110 or 230V) with bayonet connector to secure against disconnection PoE as per 802.3af via ETH-1
Power consumption	Approx. 11 W via 12V/1A power adapter (value refers to the overall power for the access point and power adapter), about 12 W via PoE
Environment	Temperature range 0–40 °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

WLAN	
Frequency band	2400-2483.5 MHz (ISM) or 5150-5825 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 26 non-overlapping channels (channels available vary according to country regulations; DFS for automatic dynamic channel selection required)

Interfaces	
ETH-1 PoE	10/100/1000 Base-TX, autosensing, auto node hub, PoE compliant with IEEE 802.3af
ETH-2	10/100/1000 Base-TX, autosensing, auto node hub
DSL over LAN (DSLol)	The LAN port can (even parallel to LAN mode) be used as a WAN port for connecting external DSL modems (PPPoE) or external routers.
Serial interface	Serial configuration interface/COM-port (8-pin mini-DIN): 9,600 - 115,000 baud

Declaration of conformity	
The Declaration of Conformity can be found on the product page of our website <a href="http://www.lancom.eu">www.lancom.eu</a>	
Package content	
Manual	Quick Installation Guide (DE/EN/FR/ES/IT/PT/NL)
CD/DVD	CD/DVD with firmware, management software (LANconfig, LANmonitor, LANCAPI) and documentation
Cable	Ethernet cable, 3 m (LAN: kiwi-colored connectors; WAN: green connectors)
Power adapter	External power adapter, NEST 12 V/1.5 A DC/S, barrel connector 2.1/5.5 mm bayonet, LANCOM item no. 110723 (EU, 230 V), LANCOM item no. 110829 (UK, 230 V)

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TECHNICAL DETAILS