LANCOM L-320agn Wireless

Quick Reference Guide

LANCOM
Systems

Config (COM)   Reset   ETH-1 (10/100/1000)   DC 12 V

①   ②   ③
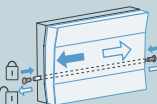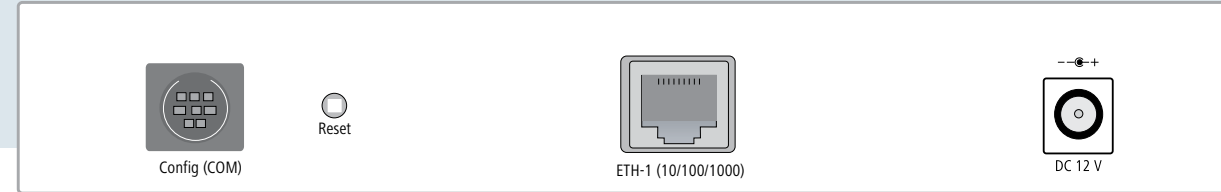
① Optional: Serial configuration cable
You can connect the device to a PC with a configuration cable (available separately).

② LAN
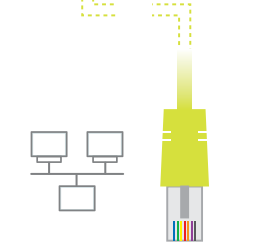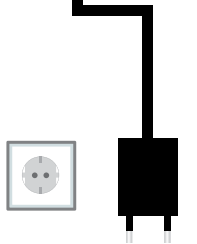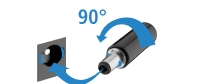Use the cable with the kiwi-colored connectors to connect the interfaces ETH to your PC or a LAN switch.
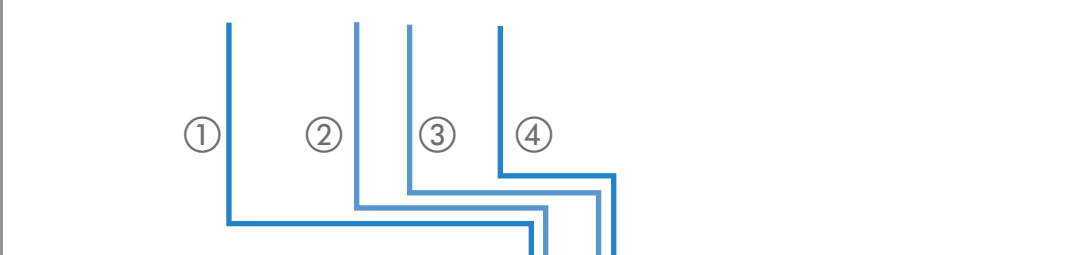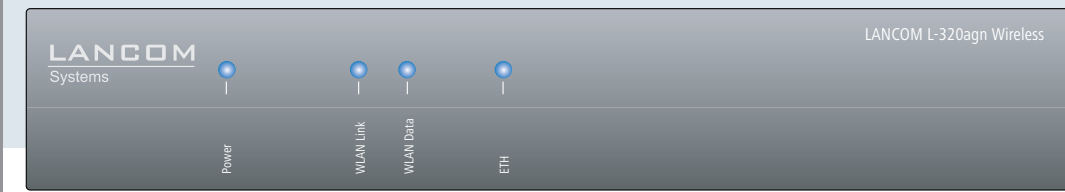
③ Power
When connecting the cable to the device, turn the bayonet connector 90° clockwise until it clicks into place.

90°

Use only the supplied power adapter.

MOUNTING AND CONNECTING THE DEVICE

LANCOM L-320agn Wireless

①   ②   ③   ④

① Power

Off	Device switched off
Green, on (permanently)	Device operational
Blinking green	Configuration password not set. Without a configuration password, the configuration data in the device is unprotected.

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.

④ WLAN Data

Flickering green	TX data traffic.
Flickering red	Error in wireless LAN (TX error, e.g. transmission error due to a poor connection)
Red, blinking	Hardware error in the WLAN module

③ ETH

Off	No networking device attached
Green, on (permanently)	Connection to network device operational, no data traffic
Flickering green	Data traffic

License information for the device firmware (LCOS) is available in the file LCOS-Licenses.txt on the data medium supplied.

TECHNICAL DATA

Hardware	
Power supply	12 V DC, external power adapter (110 or 230 V) with bayonet connector to secure against disconnection
Power consumption	Approx. 4.5 W via 12V/1A power adapter (value refers to the overall power for the access point and power adapter), approx. 5.1 W via PoE
Environment	Temperature range 0–45 °C; humidity 0–95 %; non-condensing
Housing	Robust synthetic housing, rear connectors, ready for wall mounting, Kensington lock; measures 210 x 45 x 140 mm (W x H x D)
Number of fans	None; fanless design, no rotating parts, high MTBF
WLAN	
Frequency band	2,400–2,483.5 MHz (ISM) or 5,150–5,825 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	10/100/1000 Base-TX, autosensing, auto node hub, PoE compliant with IEEE 802.3af
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	
For the declaration of conformity, see the product page on our website www.lancom-systems.eu	
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 12V/1.5A 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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