



...connecting your business

LANCOM L-151gn Wireless

Quick Reference Guide



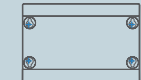
Please observe the following when setting up the device

- For devices to be operated on the desktop, please attach the adhesive rubber footpads
- Do not rest any objects on top of the device

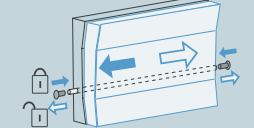


- Keep the ventilation slots on the side of the device clear of obstruction

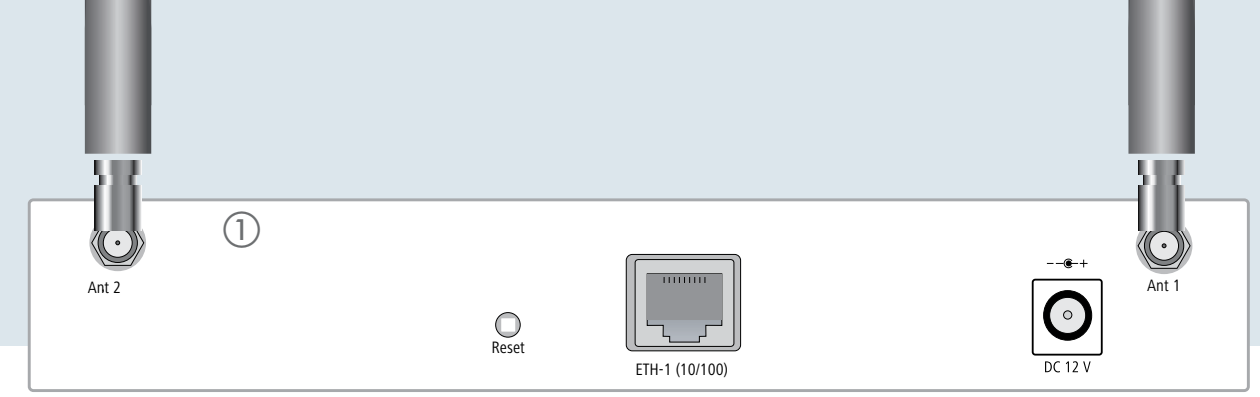
- In case of wall mounting, use the drilling template as supplied



- Lockable wall mounting with the LANCOM Wall Mount (available as an accessory).



! If you operate separately purchased antennas, please ensure that you do not exceed the maximum allowed transmission power for your system. The system operator is responsible for adhering to the threshold values. Antennas are only to be attached or changed when the device is switched off. Mounting or demounting antennas while the device switched on may cause the destruction of the WLAN module!



①

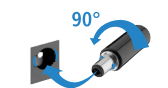
WLAN antennas
Screw the WLAN antennas supplied onto the connectors Ant 1 and Ant 2. Depending on how the antennas are to be used, the 'Antenna Grouping' may need to be configured in order to ensure the desired MIMO behavior.

②

LAN
Use the cable with the kiwi-colored connectors to connect the interfaces ETH to your PC or a LAN switch.

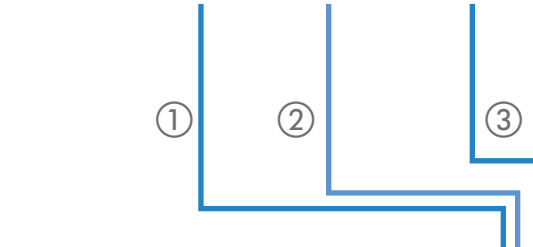
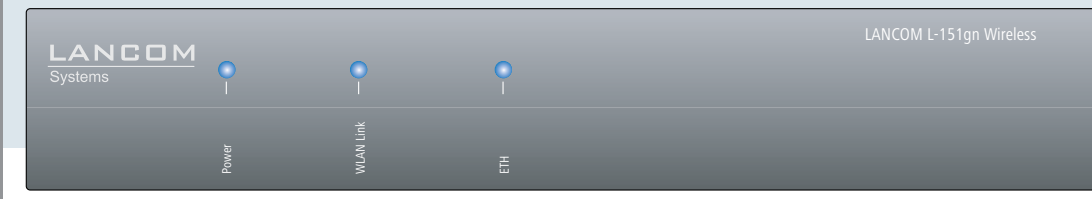
③

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



Use only the supplied power adapter.

MOUNTING AND CONNECTING THE DEVICE



| 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, followed by a pause (default). Alternatively the frequency of the flashing can indicate signal strength between the access point and the device operating in client mode. |

| 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.

| Hardware | |
|-----------------------------|--|
| Power supply | 12 V DC, external power adapter (110 or 230V) with bayonet connector to secure against disconnection |
| Power consumption | Approx. 5 watt via 12V/1.5A power adapter (value refers to the overall power for the access point and power adapter), about 4.3 watts via PoE |
| Environment | Temperature range 0 – 50°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 | 2400-2483.5 MHz (ISM) (restrictions vary between countries) |
| Radio channels 2.4 GHz | Up to 13 channels, max. 3 non-overlapping (2.4-GHz band) |
| Interfaces | |
| ETH | 10/100 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. |
| External antenna connectors | Two reverse SMA connectors for external LANCOM AirLancer Extender antennas or for antennas from other vendors. |
| Declaration of conformity | |
| CE | EN 301 489-1, EN 301 489-17, EN 60950-1 |
| 2.4-GHz WLAN | ETS 300 328 |
| Notifications | Certifications notified in Germany, Belgium, Netherlands, Luxembourg, Austria, Spain, Switzerland, UK, Italy, Portugal, Czech Republic, Denmark, Malta, France |
| 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, 3m (LAN: kiwi-colored connectors; WAN: green connectors) |
| Antennas | Two 3-dBi dipole antennas |
| 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 DATA