# LANCOM WLC-4006

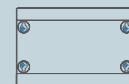## Quick Reference Guide

**LANCOM Systems**

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**Please observe the following when setting up the device**

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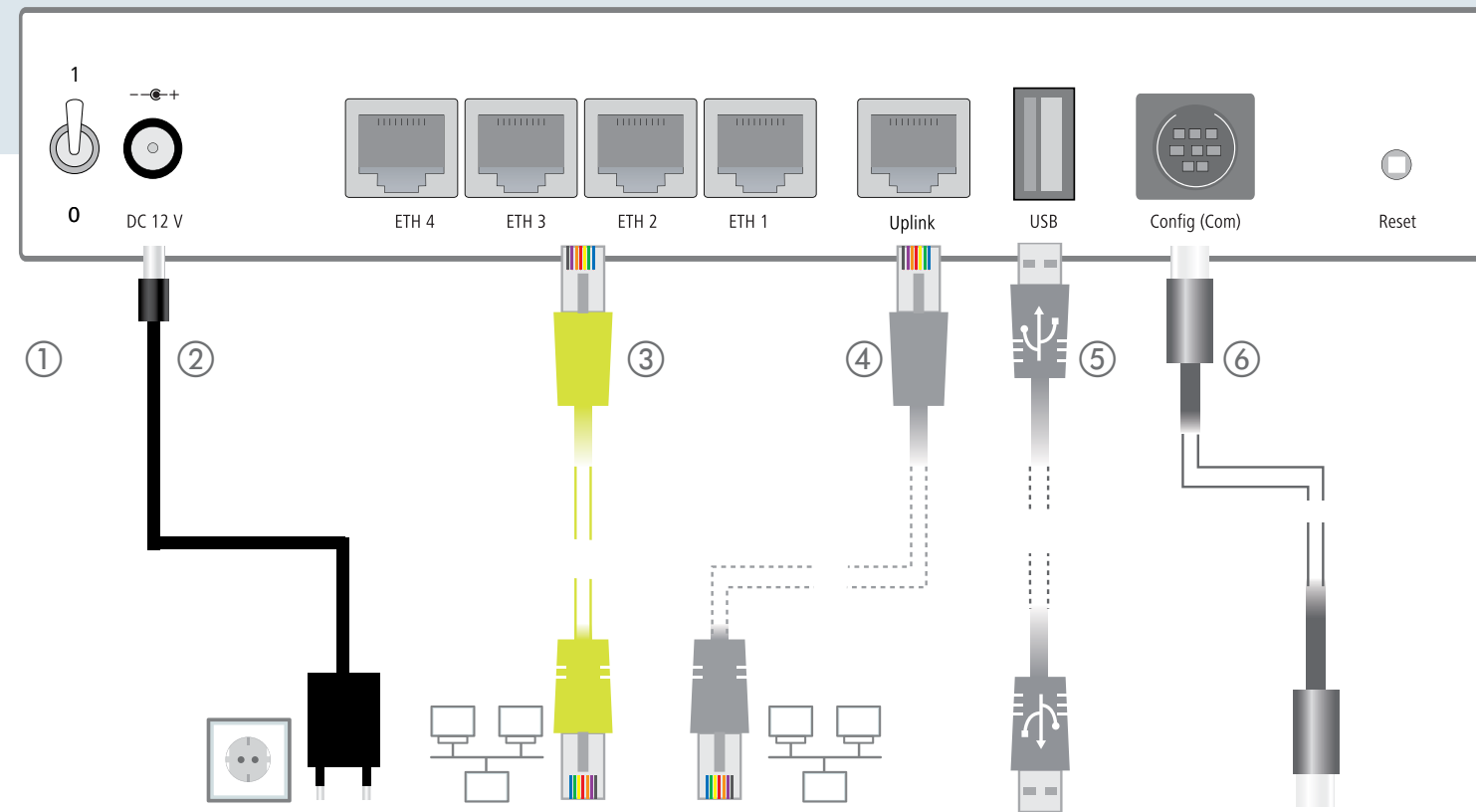- Do not rest any objects on top of the device

- Keep the ventilation slots on the side of the device clear of obstruction
- In case of wall mounting, use the drilling template as supplied

- Rack installation with the optional LANCOM Rack Mount (not supplied)

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DC 12 V · ETH 4 · ETH 3 · ETH 2 · ETH 1 · Uplink · USB · Config (Com) · Reset

① ② ③ ④ ⑤ ⑥

**① On/off switch**
Use this switch to turn the device on or off.

**② Power connector**
Supply the device with power.
Use only the supplied power adapter.

**③ LAN**
Use the cable with the kiwi-colored connectors to connect one of the interfaces ETH1 to ETH4 to your PC or a LAN switch.

**④ Optional: Uplink**
Connect the Uplink interface to a LAN switch or a WAN modem with a suitable cable.

**⑤ Optional: USB**
You can use the USB interface to connect a USB printer or a USB flash drive for device configuration.

**⑥ Serial configuration cable**
You can connect the device to a PC with a configuration cable.

> ⚠ Unplug the power plug from the power socket to ensure that the device is completely separated from the power supply!

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## MOUNTING AND CONNECTING THE DEVICE



① ② ③ ④ ⑤ ⑥

### ① Power

| | |
|---|---|
| Off | Device switched off |
| Green on (permanently) | Device operational |
| Blinking green/orange | Configuration password not set. Without a configuration password, the configuration data in the device is unprotected. |
| Blinking red | Charge or time limit reached |

### ② AP Status

| | |
|---|---|
| Green on (permanently) | At least one active access point is connected and authenticated; no new and no missing access point. |
| Blinking green/orange | At least one new access point. |
| Red on (permanently) | The LANCOM WLAN controller is not yet operational; one of the following elements is missing:<br>■ Root certificate<br>■ Device certificate<br>■ Current time<br>■ Random number for the DTLS encryption |
| Blinking red | At least one of the expected access points is missing. |

### ③ Uplink

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

### ⑥ VPN

| | |
|---|---|
| Off | No VPN connection active |
| Green on (permanently) | VPN connection active |
| Blinking green | Establishing VPN connections |

### ⑤ Online

| | |
|---|---|
| Off | WAN connection inactive |
| Green on (permanently) | WAN connection active |
| Red on (permanently) | WAN connection error |

### ④ ETH

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

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## TECHNICAL DATA

| Hardware | |
|---|---|
| Power supply | 12 V DC, external power adapter (230 V) |
| Power consumption | 7.5 W |
| Environment | Temperature range 5–40°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 |

| Interfaces | |
|---|---|
| ETH | 4 individual ports, 10/100 Mbps Fast Ethernet.<br>Each Ethernet port can be freely configured (LAN, WAN, monitor port, off). LAN ports operate in switch mode or isolated. Additionally, external DSL modems or termination routers can be operated at the WAN port together with policy-based routing. |
| USB | USB 2.0 Hi-Speed host port for connecting USB printers (USB print server) or USB data media (FAT file system) |
| Config (Com) | Serial configuration interface / COM port (8-pin Mini-DIN): 9,600 - 115,000 baud, suitable for optional connection of analog/GPRS modems. Supports the internal COM-port server. |
| Uplink | 10/100 Mbps Fast Ethernet |

| WAN protocols | |
|---|---|
| Ethernet | PPPoE, Multi-PPPoE, ML-PPP, PPTP (PAC or PNS) and plain Ethernet (with or without DHCP), RIP-1, RIP-2, VLAN, IP |

| Declaration of conformity | |
|---|---|
| CE | EN 55024, EN 60950 |

| Package content | |
|---|---|
| Manual | Quick Reference Guide (DE/EN), Installation Guide (DE/EN/FR/ES/IT/PT/NL) |
| CD/DVD | Data medium with firmware, management software (LANconfig, LANmonitor) and documentation |
| Cable | Ethernet cable, 3m (kiwi-colored connectors) |
| Cable | Serial configuration cable, 1.5 m |
| WLC Public Spot | Function included in firmware as of LCOS version 7.5 |
| Power adapter | External power supply adapter (230V), NEST 12V/1.5A DC/S, barrel connector 2.1/5.5mm, for EU LANCOM item no. 110758, for UK LANCOM item no. 110722 |