LANCOM WLC-30
Quick Reference Guide

Cloud-ready

LANCOM Systems
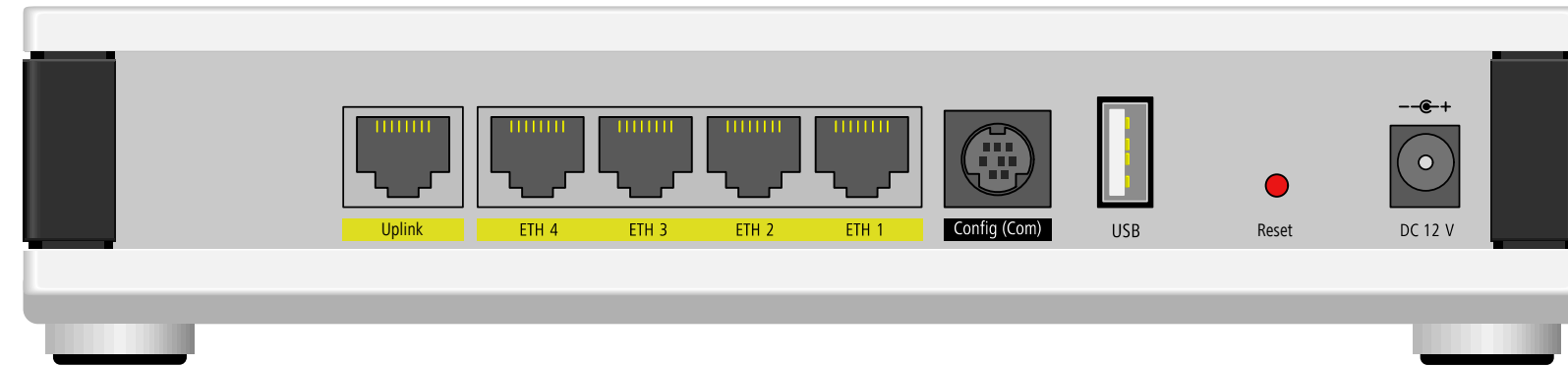
① **TP Ethernet interface (Uplink)**
Connect the Uplink interface to a LAN switch or a WAN modem with a suitable cable.

② **TP Ethernet interfaces**
Use one of the enclosed cables with the kiwi-colored connectors to connect the interface ETH 1 to ETH 4 to your PC or a LAN switch.

③ **Serial configuration interface**
For configuration, connect the device and a PC with a configuration cable (cable sold separately).

④ **USB interface**
You can use the USB interface to connect a USB printer or a USB flash drive for device configuration
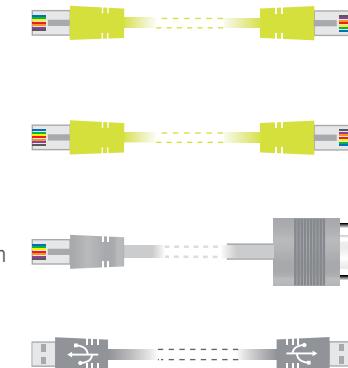
⑤ **Reset button**
Pressed up to 5 seconds: device restart

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

⑥ **Power**
After connecting the cable to the device, turn the bayonet connector 90° clockwise until it clicks into place.
Use only the supplied power adapter.
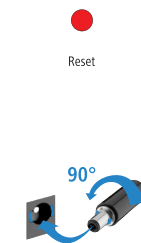
Please observe the following when setting up the device
> The mains plug of the device must be freely accessible.
> For devices to be operated on the desktop, please attach the adhesive rubber footpads.
> Do not rest any objects on top of the device and do not stack multiple devices.
> Keep the ventilation slots on the side of the device clear of obstruction.

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.

MOUNTING AND CONNECTING THE DEVICE
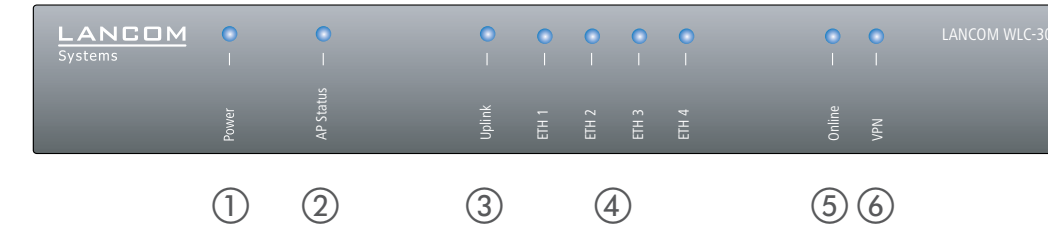
① Power

Off	Device switched off
Green, permanently*	Device operational, resp. device paired / claimed and LANCOM Management Cloud (LMC) accessible
Green/orange, blinking	Configuration password not set. Without a configuration password, the configuration data in the device is unprotected.
Red, blinking	Charge or time limit reached
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 AP Status

Green, permanently	At least one active access point is connected and authenticated; no new and no missing access point.
Green/orange, blinking	At least one new access point.
Red, permanently	The LANCOM Wi-Fi controller is not yet operational; one of the following elements is missing: > Root certificate > Device certificate > Current time > Random number for the DTLS encryption
Red, blinking	At least one of the expected access points is missing.

③ Uplink

Off	No networking device attached
Green, permanently	Connection to network device operational, no data traffic
Green, flickering	Data transmission

④ ETH

Off	No networking device attached
Green, permanently	Connection to network device operational, no data traffic
Green, flickering	Data transmission

⑤ Online

Off	WAN connection inactive
Green, permanently	WAN connection active
Red, permanently	WAN connection error

⑥ VPN

Off	No VPN connection active
Green, permanently	VPN connection active
Green, blinking	Establishing VPN connections

*) The additional power LED statuses are displayed in 5-seconds rotation if the device is configured to be managed by the LANCOM Management Cloud.

TECHNICAL DATA

Hardware

Power supply	12 V DC, external power adapter (110 or 230 V) with bayonet connector to secure against disconnection
Power consumption	Max. 8.5 W
Environment	Temperature range 0–40 °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

Uplink	10 / 100 / 1000 Mbps Gigabit Ethernet
ETH	4 individual ports, 10 / 100 / 1000 Mbps Gigabit Ethernet. 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 Uplink 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.

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, GRE, L2TPv2 (LAC or LNS), IPv6 over PPP (IPv6 and IPv4/IPv6 Dual Stack Session), IPv6oE (autoconfiguration, DHCPv6 or static)

Declaration of conformity

Hereby, LANCOM Systems GmbH | Adenauerstrasse 20/B2 | D-52146 Wuerselen, declares that this device is in compliance with Directives 2014/30/EU, 2014/35/EU, 2011/65/EU, and Regulation (EC) No. 1907/2006. The full text of the EU Declaration of Conformity is available at the following Internet address: www.lancom-systems.com/doc

Package content

Documentation	Quick Reference Guide (DE/EN), Installation Guide (DE/EN)
Cable	Ethernet cable, 3m (kiwi-colored connectors)
WLC Public Spot	Function included in firmware
Power adapter	External power adapter, 12 V / 2 A DC, barrel connector 2.1 / 5.5 mm bayonet, LANCOM item no. 111303 (not for WW devices)

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Device connector labels: Uplink | ETH 4 | ETH 3 | ETH 2 | ETH 1 | Config (Com) | USB | Reset | DC 12 V

Front panel labels: LANCOM Systems | Power | AP Status | Uplink | ETH 1 | ETH 2 | ETH 3 | ETH 4 | Online | VPN | LANCOM WLC-30