

LANCOM WLC-4025+ LANCOM WLC-4100 Quick Reference Guide



- ① **LCD display (rotating in two lines)**
- > Device name
 - > Firmware version
 - > Device temperature
 - > Date and time
 - > CPU load
 - > Memory usage
 - > Number of VPN tunnels
 - > Data transfer in reception direction
 - > Data transfer in transmission direction
 - > Number of authenticated access points
 - > Number of access points expected (actively configured)
 - > Number of new discovered and not yet authenticated access points
 - > Number of expected access points not present
 - > SNTP status (when WLAN LED constantly red)
 - > SCEP status (when WLAN LED constantly red)

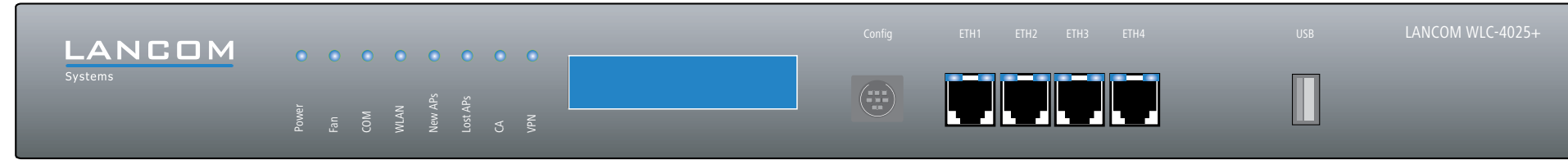


- Please observe the following when setting up the device**
- > The mains plug of the device must be freely accessible.
 - > For devices to be operated on the desktop, please attach the adhesive rubber footpads
 - > Do not rest any objects on top of the device
 - > Ensure that the ventilation slots at the back remain unobstructed

> Mount the device into a 19" unit in a server cabinet using the provided screws and mounting brackets.



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

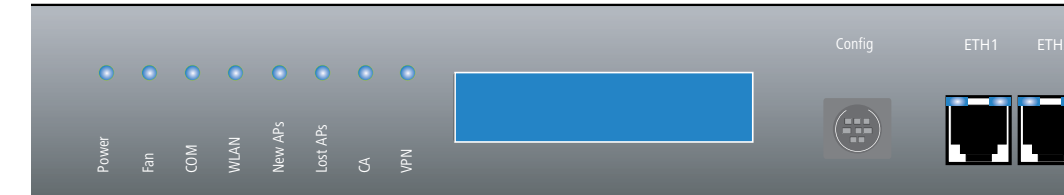


- ① ② ③ ④

- ② **Configuration interface**
Use the included serial configuration cable to connect the serial interface (COM) to the serial interface of the device you want to use for configuring / monitoring.
- ③ **Ethernet interface**
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 **USB interface**
You can use the USB interface to connect a compatible USB cellular modem, a USB printer or a USB flash drive for device configuration.
- ⑤ **Power switch and power connector (device back side)**
Supply power to the device via the supplied power cable.
- ⑥ Use the power switch to turn the device on or off.



MOUNTING AND CONNECTING THE DEVICE



- ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Power	
Off	Device switched off
Green, permanently	Device operational
Green / orange, blinking	Configuration password not set. Without a password the device's configuration data is unprotected.
Red, blinking	Charge or time limit reached
② Fan	
Green, permanently	CPU temperature OK
Orange, permanently	CPU temperature > 55°
Red, blinking	Hardware failure of the fan or CPU temperature > 60°; additional acoustic signal
③ COM	
Off	No session logged on for the serial configuration interface
Green, permanently	Serial configuration session logged on
Orange, flickering	Data transmission during the configuration session
④ WLAN	
Red, permanently	The LANCOM WLAN controller is not yet operational; one of the following elements is missing: <ul style="list-style-type: none"> > Root certificate > Device certificate > Current time > Entropy for the DTLS encryption
Green, permanently	At least one active access point connected and authenticated.
Red, blinking	The device is operational but not connected to an active access point.

⑤ New APs	
Orange, blinking	At least one new access point for authentication has been found.
⑥ Lost APs	
Red, blinking	At least one expected access point has not been found.
⑦ CA	
Off	Internal CA switched off
Green, permanently	Internal CA switched on and ready
Red, permanently	Internal CA switched on; an error has occurred
Orange, permanently	CA switched on and ready; request pending
⑧ VPN	
Off	No VPN connection active
Green, permanently	VPN connection active
Green, blinking	Establishing VPN connections
⑨ ETH (one green and one yellow LED each)	
Green off	No networking device attached
Green, permanently	Connection to network device operational, no data traffic
Green, flickering	Data transmission
Yellow off	1000 Mbps
Yellow, permanently	10 / 100 Mbps

Hardware	
Power supply	Internal power supply unit (110-230 V, 50-60 Hz)
Power consumption	30 W
Environment	Temperature range 5 – 40 °C; humidity 0-95 %; non-condensing
Housing	Robust metal housing, 19" 1U with mounting brackets, network connectors on the front
Number of fans	1
Interfaces	
ETH	4 individual ports for 10 / 100 / 1000-Mbps Ethernet, Ethernet ports can be electrically disabled in the LCOS configuration. Each Ethernet port can be freely configured (LAN, WAN, monitor port, off). LAN ports operate in bridge 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), serial devices (COM-port servers), USB data media (FAT file system), or supported mobile radio USB modems; bi-directional data transfer available.
Serial Interface	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
Declaration of conformity	
Hereby, LANCOM Systems declares that this device is in compliance with Directives 2014/30/EU and 2014/35/EU. The full text of the EU declaration of conformity is available at the following internet address: www.lancom-systems.com/ce/	
Package content	
Documentation	Quick Reference Guide (DE/EN), Installation Guide (DE/EN), FCC Documentation
Cables	1 Ethernet cable 3 m (kiwi-colored connectors), 1 serial configuration cable 1.5 m, 1 IEC power cord
Mounting brackets	Two 19" brackets for rack mounting