LANCOM LW-500
Quick Reference Guide

Please observe the following when setting up the device:

1. Do not rest any objects on top of the device.
2. Keep the ventilation slots on the top of the device clear of obstruction.
3. In case of wall mounting, use the mounting plate as supplied.

Before initial startup, please make sure to take notice of the information regarding the intended use in the enclosed installation guide!

Only operate the device with a professionally installed power supply at a nearby socket that is freely accessible at all times.

TECHNICAL DETAILS
LANCOM LW-500

Hardware

Power supply
12 V DC, external power adapter (110 or 230 V) or PoE as per 802.3af via LAN1

Power consumption
max. 10 W

Environment
Temperature range 0 °C to 40 °C; humidity 0-95 %; non-condensing

Housing
Robust synthetic housing, ready for wall and ceiling mounting; measures 176 x 30 mm (D x H)

Wi-Fi

Frequency band
2400-2483.5 MHz (ISM) or 5150-5725 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 19 (automatic dynamic channel selection required)

Interfaces
LAN1 (PoE)
10 / 100 / 1000 Base-TX, autosensing, auto node hub, PoE compliant with IEEE 802.3af

LAN2
10 / 100 / 1000 Base-TX, autosensing, auto node hub

Declaration of conformity
Hereby, LANCOM Systems GmbH | Adenauerstrasse 20/B2 | D-52146 Wuerselen, declares that this radio equipment is in compliance with Directive 2014/53/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), Mounting Instructions (DE/EN)

Mounting material
Mounting material for wall- and ceiling mounting

Cable
1 Ethernet cable 1 m

Power adapter
External power adapter APD WA-12M12R, 12 V / 1 A DC/S, barrel connector 2.1 / 5.5 mm

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Power

Ready power to the device using the enclosed power adapter. Do not use the supplied power adapter.

Power information LED (PoE)
For the second Ethernet port to connect, the interface is PoE compliant with the IEEE 802.3af standard.

Ethernet interface LAN1 (PoE)
Use the enclosed Ethernet cable to connect the interface LAN1 (PoE) to your PC or a LAN switch.

Ethernet interface LAN2
Use an Ethernet cable to connect the interface LAN2 to your PC or a LAN switch.

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