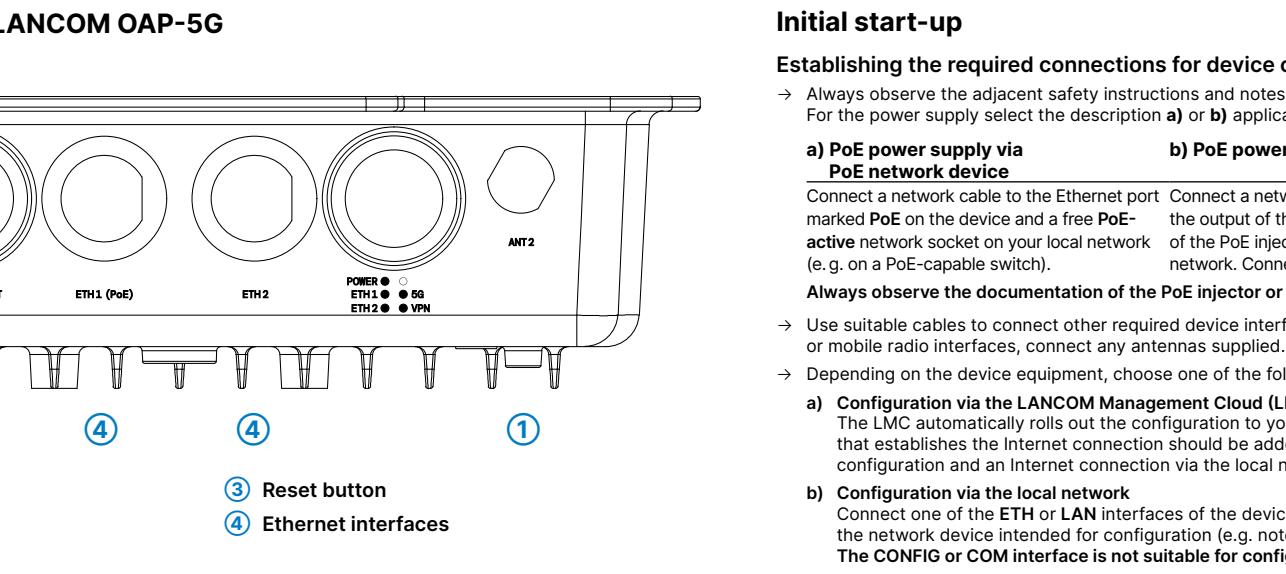


Documentation / Firmware	Service & Support	All information on your device
Basically, current versions of the LCOS firmware, drivers, tools and documentation for all LANCOM and AirLancer products are available for download free of charge from our website: <a href="http://www.lancom-systems.com/knowledgebase">www.lancom-systems.com/knowledgebase</a>	The LANCOM Knowledge Base — with over 2,500 articles — is available to you at any time via the LANCOM website: <a href="http://www.lancom-systems.com/knowledgebase">www.lancom-systems.com/knowledgebase</a>	
You will also find explanations of all the functions of your LANCOM device in the LCOS Reference Manual: <a href="http://www.lancom-systems.de/docs/LCOS_Refmanual/EN/">www.lancom-systems.de/docs/LCOS_Refmanual/EN/</a>	If you have any further questions, please submit your request via our Service & Support portal: <a href="http://www.lancom-systems.com/service-support">www.lancom-systems.com/service-support</a>	
All information on the interfaces and connection options of your device can be found under the following QR code in the <b>Hardware Quick Reference</b> :	Information on the lifecycle, in particular on End of Sale / End of Life and on the supply of LANCOM devices with security updates can be found at: <a href="http://www.lancom-systems.com/lifecycle">www.lancom-systems.com/lifecycle</a>	
	<b>Package contents</b>	
Cables	Water-resistant, UV-resistant Ethernet cable with screw connector, 15 m	
External antennas	4 5G antennas	
Mounting kit	Equipment for wall and pole mounting, screws included	
Covering cap	Ensures that the unit remains sealed in case an Ethernet port is unused	
Grounding cable	To avoid electrostatic charge	

# Quick Installation Guide

## LANCOM OAP-5G



## Initial start-up

### Establishing the required connections for device configuration

- Under no circumstances should the device housing be opened and the device repaired without authorization. Any device with a case that has been opened is excluded from the warranty.
- Always observe the adjacent safety instructions and notes.
- If antennas are available, they may only be installed or replaced when the device is switched off. Mounting / demounting antennas while the device is powered on may cause the destruction of the radio module.
- Mounting, installation, and commissioning of the device may only be carried out by qualified personnel.

#### a) PoE power supply via PoE network device

#### b) PoE power supply via separate PoE injector

Connect a network cable to the Ethernet port marked PoE on the device and the output of the PoE injector. Then connect another network cable to the input of the PoE injector and a free **NON-PoE-active** network outlet of your local network. Connect the PoE injector to the power supply.

**Always observe the documentation of the PoE injector or PoE switch!**

→ Use suitable cables to connect other required device interfaces to other components and, in the case of devices with Wi-Fi or mobile radio interfaces, connect any antennas supplied.

→ Depending on the device equipment, choose one of the following configuration methods **a** or **b**

#### a) Configuration via the LANCOM Management Cloud (LMC)

The LMC automatically rolls out the configuration to your device, provided it has access to the Internet. If a router that establishes the Internet connection should be added to the LMC, it may first be necessary to configure a basic configuration and an Internet connection via the local network, as described under **b**.

#### b) Configuration via the local network

Connect one of the ETH or LAN interfaces of the device via an Ethernet cable either to a network switch or directly to the network device intended for configuration (e.g. notebook).

**The CONFIG or COM interface is not suitable for configuration via the network!**

### Options for initial start-up of the unconfigured device

#### → Option 1: via the LANCOM Management Cloud (LMC)

The LANCOM Management Cloud allows LANCOM partners to automate the commissioning, centralized management, and monitoring of LANCOM devices. Further information on commissioning and configuration via the LMC can be found at [www.lancom-systems.com/lmc-access](http://www.lancom-systems.com/lmc-access).

#### → Option 2: via web browser (WEBconfig)

Configuration via web browser is an easy and fast variant, since no additional software is required on the computer used for configuration.

### Power supply

Before start-up, the following points must be observed, as improper use can lead to personal injury and damage to property, as well as voiding the warranty:

→ If available, the power plug of the device must be freely accessible.

→ Operate the device only with a professionally installed power supply at a nearby and at all times freely accessible socket.

→ Only use the enclosed power supply / IEC cable or the one listed in the hardware quick reference.

→ A high touch current is possible for devices with metal housing and grounding screw! Before connecting the power supply, connect the grounding screw to a suitable ground potential.

→ Some devices support power supply via an Ethernet cable (Power over Ethernet - PoE). Please refer to the corresponding notes in the hardware quick reference of the device.

→ Never operate damaged components.

→ Only switch on the device when the housing is closed.

→ The device must not be installed during thunderstorms and should be disconnected from the power supply during thunderstorms.

→ In case of emergency (e.g. damage, ingress of liquids or objects, for example through the ventilation slots), disconnect the power supply immediately.

### Applications

→ The devices may only be used in accordance with the relevant national regulations and under consideration of the legal situation applicable there.

→ The devices must not be used for the actuation, control, and data transmission of machinery that, in case of malfunction or failure, may present a danger to life and limb.

→ The devices with their respective software are not designed, intended or certified for use in: the operation of weapons, weapons systems, nuclear facilities, mass transportation, autonomous vehicles, aircraft, life support computers or equipment (including resuscitators and surgical implants), pollution control, hazardous materials management, or other hazardous applications where failure of the device or software could lead to a situation in which personal injury or death could result. The customer is aware that the use of the devices or software in such applications is entirely at the customer's risk.

### Initial start-up

Establishing the required connections for device configuration

→ Always observe the adjacent safety instructions and notes.

→ If antennas are available, they may only be installed or replaced when the device is switched off. Mounting / demounting antennas while the device is powered on may cause the destruction of the radio module.

→ Mounting, installation, and commissioning of the device may only be carried out by qualified personnel.

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#### b) Configuration via the local network

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→ Some devices support power supply via an Ethernet cable (Power over Ethernet - PoE). Please refer to the corresponding notes in the hardware quick reference of the device.

→ Never operate damaged components.

→ Only switch on the device when the housing is closed.

→ The device must not be installed during thunderstorms and should be disconnected from the power supply during thunderstorms.

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Establishing the required connections for device configuration

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#### b) Configuration via the local network

Connect one of the ETH or LAN interfaces of the device via an Ethernet cable either to a network switch or directly to the network device intended for configuration (e.g. notebook).

#### c) Configuration via the Windows software LANconfig ([www.lancom-systems.com/downloads](http://www.lancom-systems.com/downloads))

Please wait until the booting process of the device is completed before starting LANconfig.

Unconfigured LANCOM devices are automatically found by LANconfig in the local network (LAN) and the setup wizard **Basic settings** is then started.

After the setup wizard has finished, the initial start-up of the device is complete.

If necessary, make further configurations using the setup wizards available for selection.

### Options for initial start-up of the unconfigured device

#### → Option 1: via the LANCOM Management Cloud (LMC)

The LANCOM Management Cloud allows LANCOM partners to automate the commissioning, centralized management, and monitoring of LANCOM devices. Further information on commissioning and configuration via the LMC can be found at [www.lancom-systems.com/lmc-access](http://www.lancom-systems.com/lmc-access).

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→ The device must not be installed during thunderstorms and should be disconnected from the power supply during thunderstorms.

→ In case of emergency (e.g. damage, ingress of liquids or objects, for example through the ventilation slots), disconnect the power supply immediately.

### Applications

→ The devices may only be used in accordance with the relevant national regulations and under consideration