

# Night Owl Installation Manual



# Contents

---

Equipment required	3
What's in the box?	3
Installation	4
Network	5



# Equipment required

---

- Measuring tape
- Crosshead screwdriver
- Drill
- Equipment for adapting network cable
- Cable trunking
- RJ connectors and modular pliers
- Mobile phone to check 4G/5G coverage
- Pre-configured Night Owl system

## What's in the box?

---



# Installation



The Night Owl should be installed horizontally, and not tilted to more than 33 degrees relative to the ceiling. It should be mounted at least 30cm from the ceiling and adjacent items such as wall lights or cupboards.

Night Owl shouldn't point directly at a window to avoid strong backlight or reflections that may reduce camera effectiveness.

Night Owl will detect activity up to four meters in circumference from the camera when operating in the dark.

Night Owl has 'blind zones' which change with positioning height (the area below the camera which it cannot detect):

- 230 cm: 92 cm blind zone
- 240 cm: 95 cm blind zone

Once you have tested the location in light and dark modes, screw the wall bracket into the desired position using all three supplied screws. Attach the camera and use the tightening screw to achieve the correct angle, which should be as horizontal as possible.

If an audio unit is being installed, it should be positioned under the camera. A longer cable may be used if the supplied cable isn't long enough.



- Mount audio unit underneath the camera

# Network

- 4G

We use Telia with an IoT SIM card in the Night Owl, and the signal strength should be between -85 and -51 dB. (If you have Telia on your mobile, you can check that you have at least three lines of coverage exactly where the Nattugla is to be installed.)

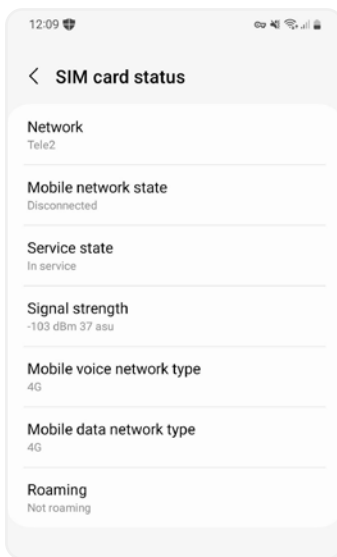
If there is poor coverage where the Nattugla is to be placed but a stable Wi-Fi connection is available, check if it is possible to connect to it.

You must use the supplied PoE adapter for power. Plug the Cat6 cable into the Night Owl. Connect the Cat6 cable to the PoE adapter (the input is marked with PoE) and then connect the PoE adapter to a power source.

- Android

Check the signal strength on an android by navigating to Settings > About Phone > Status > SIM card status. Or by opening the “Phone” app and dialing this number: “\*#0011#”.

You have now entered the phones Service Mode.

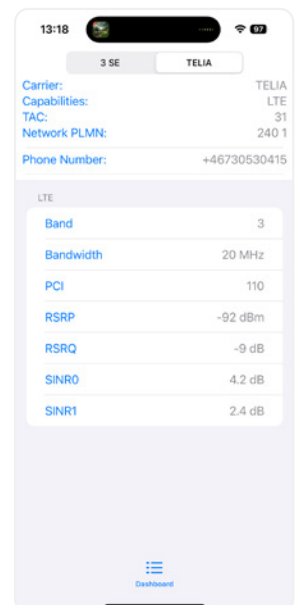
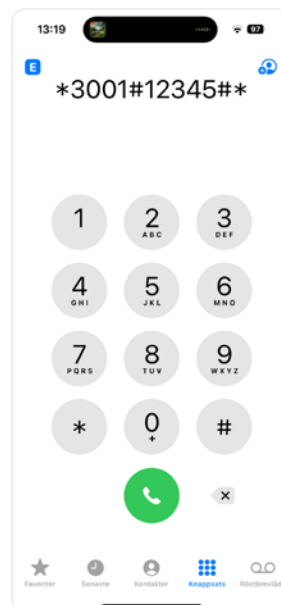


- iPhone

Check the signal strength on an iPhone by opening the “Phone” app and dialing this number:

“\*3001#12345#\*”.

You have now entered the iPhones Field Test Mode.



- Ethernet

You can use an unlimited length of cable. A 5m Cat6 cable is included. Plug the Cat6 cable into the Night Owl. Connect the Cat6 cable to the PoE adapter (the input is marked with PoE) and then connect the PoE adapter to a power source. Or if the ethernetport is patched to a PoE switch, connect the Cat6 cable directly to the ethernet port.

Let Night Owl rest for about 2 minutes before performing a test inspection.

- WiFi

Night Owl supports 2.4Ghz and 5Ghz, WPA2 and WPA2-Enterprise.