

Night Owl User Manual

Digital Visual Care System



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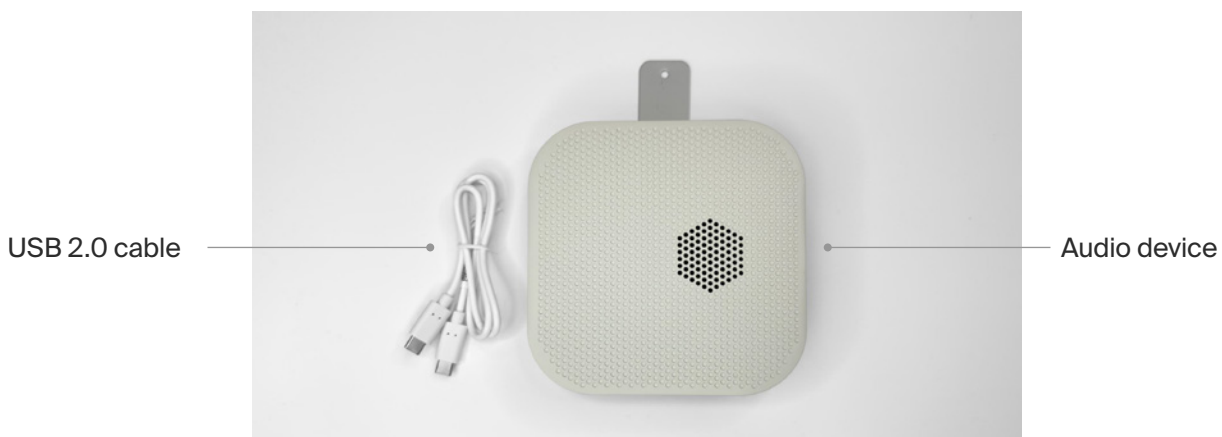
Contact Information

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What's in the box?



What is Night Owl?

Night Owl is a digital visual care system that uses discreet infra-red cameras combined with AI intelligence to actively recognise potential risks to wellness and safety and enable care givers to respond quickly and appropriately.

The system can detect events such as falls, room exits and bed/chair occupancy without the need for additional sensors or wearable devices. It provides unobtrusive support with real time alerts that enables providers to target care delivery effectively, enabling carers to be more productive and meaning care recipients aren't disrupted unnecessarily

Night Owl is mounted on the wall or the ceiling in whichever room support is required. This is commonly the bedroom, to enable care monitoring 24/7, but can also be used in the living room or hallway.



Warnings and safety

Please read this manually fully and follow the installation instructions to avoid damage to the equipment and ensure the system is optimised.

Technical specifications

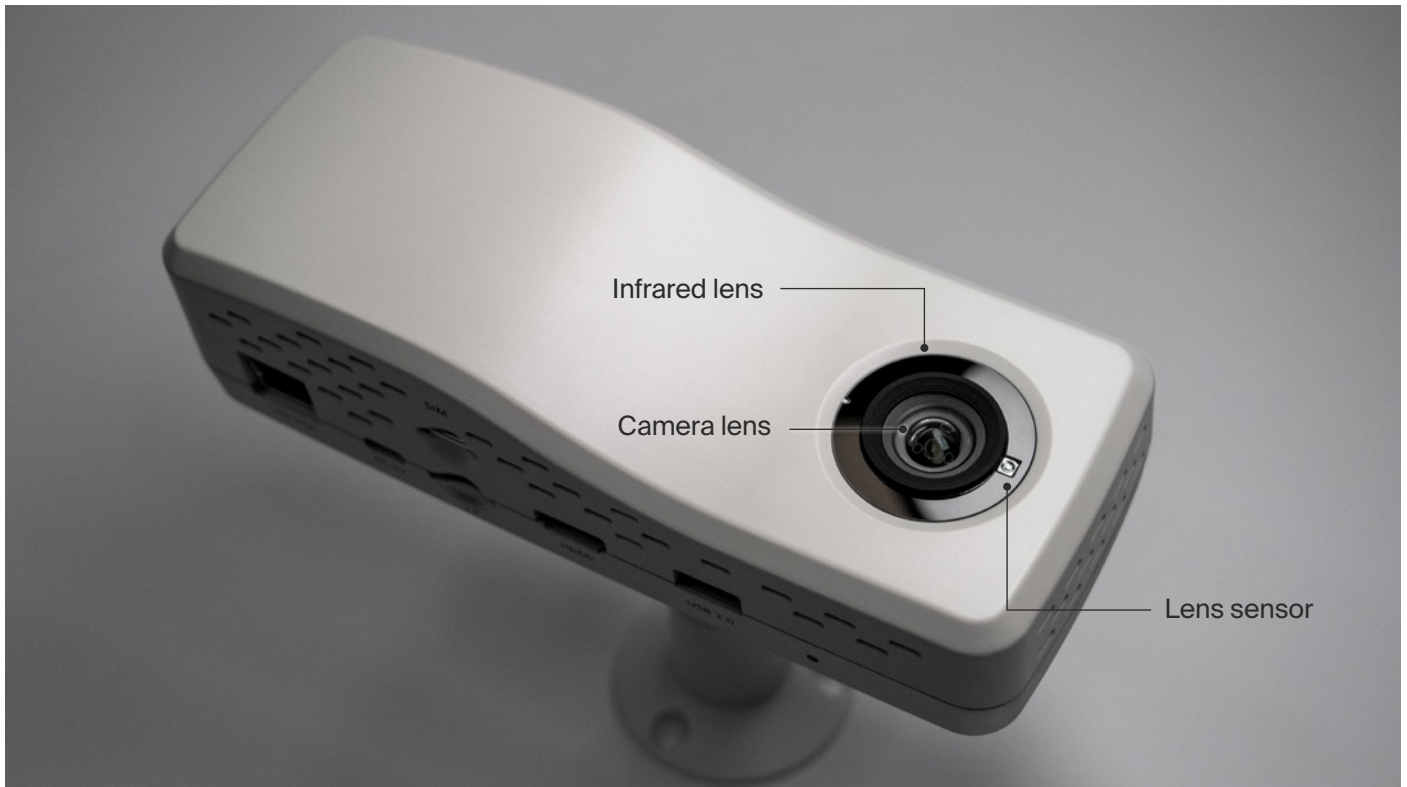
Night Owl is built by Easymeeting AS in Tromsø, Norway. The video stream is end-to-end encrypted and adheres to relevant health and care guidelines. Night Owl can operate on 4G, WiFi or a wired network.

The camera is a 120 degree camera, which works in both light and dark areas. The camera automatically switches to night mode when the environment becomes dark, using infrared cameras that are not visible to the human eye.



The camera

- Front



- Back



- Contact panel



Assembly

All installations should be tested onsite to ensure correct configuration.

Necessary equipment for installation on location:

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

Assessments before installation

The Night Owl should be mounted horizontally, with connections underneath. It is most often used in bedrooms, with the camera facing the bed, and should be mounted at a height of 210 - 230cm to support greater privacy for the user. We recommend that the camera is not tilted down more than 33 degrees in relation to the wall in order to retain realistic perspective in the room.

Where using a SIM card the signal strength for Night Owl should be 65 - 75dB.



Recommendations

- Night Owl must be mounted at least 30 cm from an adjacent wall or other mounted equipment (such as lamps or cupboards) to avoid glare from infrared diodes.
- Night owls should not point directly at a window, to avoid strong backlight or reflection that disturbs the camera.
- Night Owl will detect activity up to 4 meters in circumference from the camera when operating in the dark.
- To improve image clarity, you may need to position the Night Owl closer to the bed.
- Where the Night Owl is being used in a living room or room without ensuite, it should be placed in the corner of the room, giving a view of the door and as much of the floor as possible.
- Where the Night Owl is being used in a room which has direct access to a bathroom, it should be placed to give a view of the room door, bathroom door and as much of the floor as possible.
- The microphone is attached under the camera - if desired, a longer USB cable can be used.
- It is helpful to test to best location for the Night Owl before final installation, in both light and dark environments.



Installation

Please see our in-depth guides to assist you with installation:

Installation

<https://everon.net/wp-content/uploads/2026/05/Everon-Night-Owl-Installation-Manual.pdf>

Alarm settings

<https://everon.net/wp-content/uploads/2026/05/Everon-Night-Owl-Alarm-Settings-Manual.pdf>

Anonymisation

<https://everon.net/wp-content/uploads/2026/05/Everon-Night-Owl-Anonymisation-Guide.pdf>

Furniture scanning

<https://everon.net/wp-content/uploads/2026/05/Everon-Night-Owl-Furniture-Scanning-Manual.pdf>

Firewall and network

<https://everon.net/wp-content/uploads/2026/05/Everon-Night-Owl-Firewall-and-Network-Manual.pdf>

Alarm testing

<https://everon.net/wp-content/uploads/2026/05/Everon-Night-Owl-Alarm-Testing-Manual.pdf>

