

Qoltec[®]



SAFETY WARNINGS FOR USE ANTEN LoRa

The following list of safety warnings has been compiled in accordance with the requirements of the General Product Safety Regulation (EU) 2023/988 (GPSR). Its purpose is to protect users from potential hazards arising from the misuse of products. The warnings have been formulated in a simple and way understandable to be accessible to a wide audience, including the elderly and people with reduced mobility.

The LoRa antennas on offer from manufacturer NTEC sp. z o.o. are CE certified, indicating their compliance with EU safety standards.

Use LoRa antennas as intended and as recommended by the manufacturer.

BASIC HAZARDS AND PRECAUTIONS

1. Electrical risk

- Ensure that the antenna is properly connected to the unit and that the cables are in good working order.
- Take care when installing near power lines to avoid electrocution.

2. Mechanical risks:

- Ensure that the antenna is securely fixed to prevent it from accidentally falling or being damaged.
- Use weatherproof fixings such as wind, rain or snow.

3. Risks associated with RF (Radio Frequency) radiation:

- Avoid prolonged exposure to close proximity to high-powered antennas.
- Make sure the antenna meets the RF emission standards of your country.

SPECIFIC HAZARDS ARISING FROM USE

4. Risk of damage during installation:

- Install the antenna in accordance with the manufacturer's recommendations, ensuring optimal positioning and signal direction.
- Avoid mounting in areas that may cause interference, such as proximity to metal surfaces.

5. Network interference:

- LoRa antennas can interfere with other radio devices in the vicinity. Make sure they are configured correctly.
- Before purchasing, make sure you have LoRaWAN devices and the antenna will be compatible with them.

6. Impact of weather conditions:

- Choose antennas that are resistant to rain, snow, UV radiation and corrosion.
- Protect the antenna connectors from moisture with protective covers or seals.

MAINTENANCE PRECAUTIONS

7. Cleaning and maintenance:

- Regularly remove dust and dirt from the surface of the antenna, especially for outdoor installation.
- Check the condition of fixings and cables for damage or wear.

8. Status check:

- Regularly check the antenna and its mounts for mechanical damage, such as cracks or loose components.
- If the antenna shows signs of wear or damage, replace it with a new one to ensure network stability and contact the sub-supplier.

9. Storage

- When the antenna is not in use, store it in a dry, clean place, away from moisture, dust

ADDITIONAL WARNINGS

10. Child safety

- Keep antennas and their mounting components out of the reach of children to prevent accidental activation or damage.

11. Avoid modifications

- Do not attempt to repair or modify yourself the antennas, as this may affect their security and the quality of the connection.

12. Compatibility:

- Choose antennas that are compatible with your device and meet the technical standards in your country.

13. Action in the event of an emergency:

- If the unit exhibits abnormal operation, such as overheating, sparking, unusual odour or noises, immediately switch it off and disconnect it from the power supply and then contact the service centre.
- If you observe any unsafe product behaviour, contact the urgently manufacturer.

THE IMPORTANCE OF COMPLYING WITH THE WARNINGS

Following the above warnings minimises the risk of personal injury, equipment failure and property damage. Ignoring the recommendations can lead to serious health and material risks. Keep yourself and your loved ones safe by observing the precautions indicated.

PRODUCER

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