

NECTO MS150

Necto Cellular Temperature & Humidity Monitor MS150 User Manual

Model: MS150 | Brand: NECTO

1. INTRODUCTION

The Necto MS150 Cellular Temperature & Humidity Monitor is a 3-in-1 device designed for remote monitoring of temperature, humidity, and power status. It provides real-time alerts and continuous monitoring, making it ideal for various environments such as RVs, homes, greenhouses, and server rooms. With included cellular service, it operates independently of Wi-Fi, ensuring reliable connectivity.

Key Features:

- **2 Years of Cellular Service Included:** No monthly fees for the initial two years, providing cost-effective remote monitoring without Wi-Fi.
- **Instant Alerts & 24/7 Monitoring:** Customizable high/low temperature and humidity thresholds with real-time text and email alerts.
- **Rechargeable Internal Battery:** Offers up to 3 days of continuous monitoring during power outages.
- **Intuitive Dashboard & Easy Setup:** User-friendly online portal for remote access, settings management, and data viewing.
- **Fast Refresh & Free Data Storage:** Takes readings every 10 seconds, updates every 10 minutes, and stores data for 1 year.

2. WHAT'S INCLUDED

Your Necto MS150 package includes all necessary components for immediate setup and operation:

- Necto MS150 Sensor Unit
- Adhesive Wall Mount
- USB-C Charger
- USB Converter
- Mounting Screws

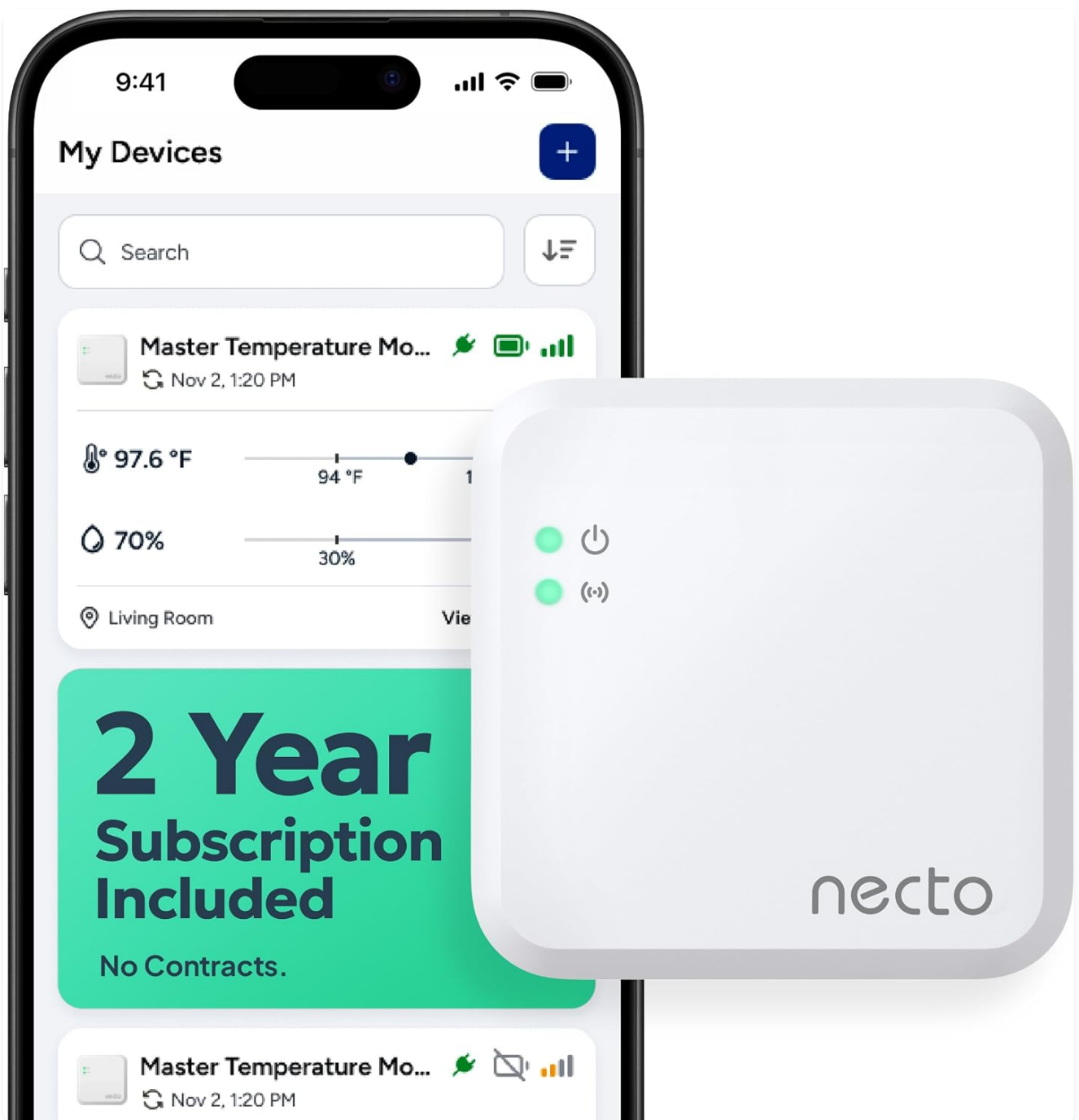


Image: The Necto MS150 unit, USB-C charger, USB converter, adhesive wall mount, and mounting screws.

Video: An overview of the Necto RV temperature monitor and sensor, showing its components and basic functionality.

3. SETUP

Setting up your Necto MS150 is a straightforward three-step process:

1. **Power Up:** Plug the Necto device into any standard wall outlet using the provided USB-C charger and USB converter. The device will automatically connect to the cellular network.
2. **Place Device:** Place the unit on any flat, stable surface or mount it to a wall using the included adhesive wall mount or mounting screws. Ensure it is placed in an area with good air circulation and away from direct heat sources or vents for accurate readings.
3. **Customize Settings:** Access the online user portal (app.getnecto.com) from your mobile phone or PC. Activate your device, then customize alert preferences and set your desired temperature and humidity thresholds.



The image shows a white, cube-shaped Necto MS150 device with the brand name 'necto' on its front. It is positioned in front of a smartphone displaying the Necto app's 'Alert Preferences' screen. The app interface includes sections for 'Alert Conditions' (Temperature High/Low, Humidity High/Low, Device Offline) and 'Alert Channels' (Email Alerts). Each condition has checkboxes for SMS, Email, and Push notifications. The device has three green status lights and a power button on top.

Intuitive and Easy-to-use App

- ✓ **Adjustable Thresholds**
Set the temp and humidity thresholds
- ✓ **Alert Preferences**
Text, email, and push notifications
- ✓ **History Data & Reports**
Past readings stored for up to 1 year

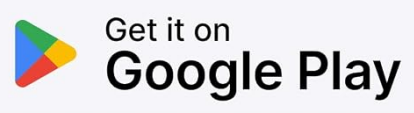


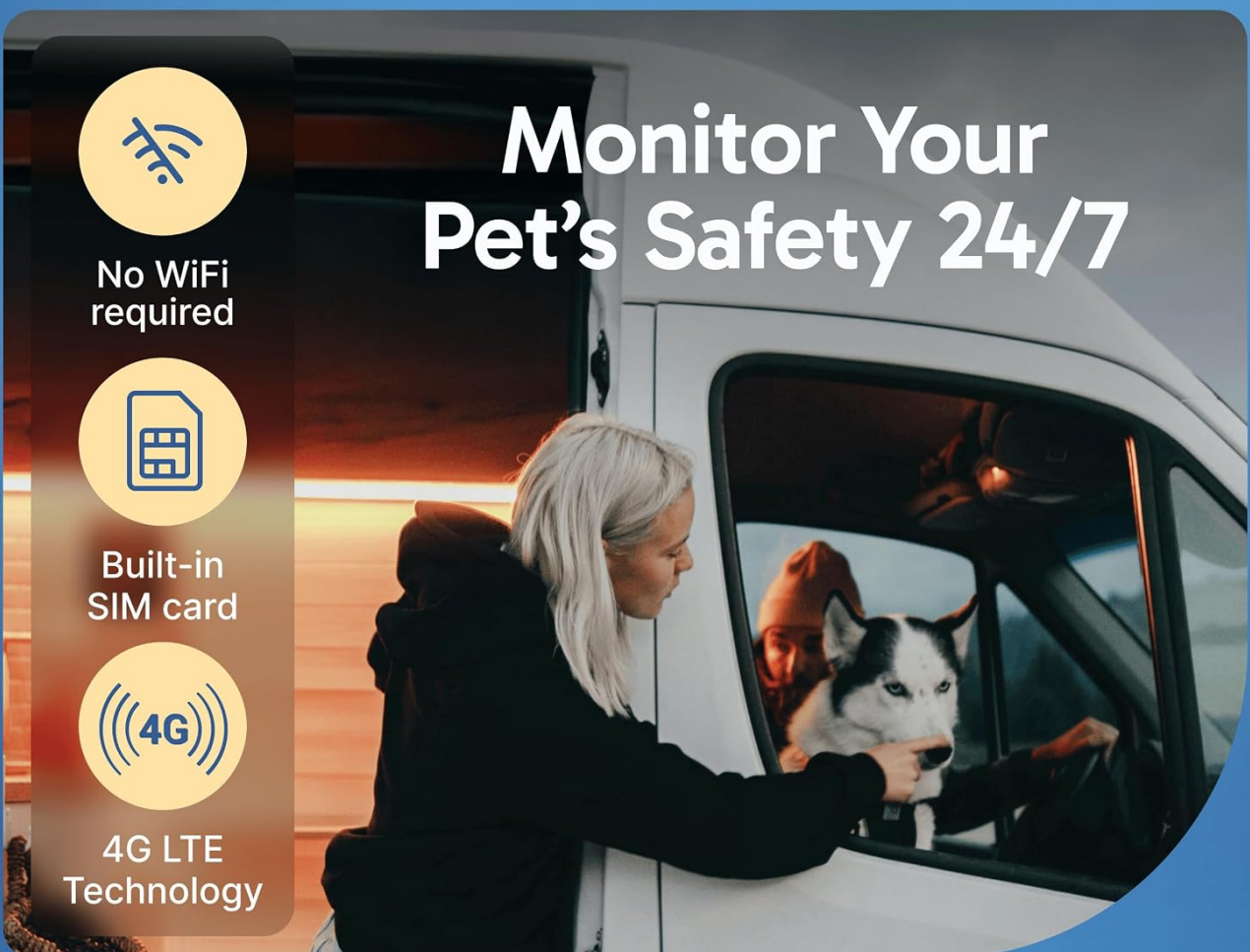
Image: Visual guide illustrating the simple three-step installation process for the Necto monitor.

Video: A demonstration of the easy setup process for the Necto RV temperature and humidity sensor.

4. OPERATING THE DEVICE & APP

The Necto MS150 provides comprehensive monitoring and alert capabilities through its intuitive online portal:

- **Real-Time Monitoring:** View current temperature and humidity readings, as well as power status, directly from the Necto app or web interface. Readings are taken every 10 seconds and updated on the portal every 10 minutes.
- **Customizable Alerts:** Set specific high and low thresholds for temperature and humidity. You can also configure alerts for power outages, low battery, and device offline status.
- **Multiple Alert Methods:** Receive instant notifications via text message and email. You can add up to 5 contacts to receive these critical alerts.
- **Data History & Reports:** Access and download up to 1 year of historical data in a CSV file for detailed analysis.



Monitor Your Pet's Safety 24/7



No WiFi required



Built-in SIM card



4G LTE Technology

Connects directly to cellular networks, just like your phone, to provide reliable monitoring with unlimited range.

 **AT&T**  **CELLULARONE**  **T Mobile**

Image: The Necto device highlighting its capabilities as a 3-in-1 sensor for humidity, power outage, and temperature.

Real-Time Monitoring Made Easy

Receive **alerts** through our Necto app, text, or email!



Necto Sensor
High Temperature Alert: Matt's sensor has detected a temperature of 89.4°F.



Necto Sensor
High Humidity Alert: Matt's sensor has detected a humidity level of 80%.



Necto Sensor
Power Outage Alert: Matt's sensor is no longer detecting power. Battery level is at 70%.



Image: The Necto mobile application's intuitive interface, allowing users to adjust thresholds, set alert preferences, and view historical data.

No Power? No Problem.

Provides 24/7 monitoring during power outages for up to 72 hours.



Low Battery Alerts



Works During Power Outages



Type-C Charging



Power Loss & Restored Alerts

Image: Examples of real-time alerts received on a smartphone from the Necto sensor for critical environmental changes.

Video: A demonstration of the Necto Temperature & Humidity Sensor's power outage monitoring feature, ideal for pet safety.

Video: This video highlights the Necto monitor's suitability for campers and trailers, ensuring pet safety on the go.

Video: An overview of the Necto RV Temperature & Humidity Sensor, emphasizing its power outage monitoring capabilities.

5. POWER MANAGEMENT

The Necto MS150 is designed for continuous operation, even during power interruptions:

- **Rechargeable Internal Battery:** The device features a long-lasting rechargeable battery that provides up to 72 hours (3 days) of operation without external power.

- **Power Outage Alerts:** In the event of a power loss, the device will immediately send alerts to your configured contacts, ensuring you are informed of any disruptions.
- **Low Battery Notifications:** Receive alerts when the device's internal battery is running low, prompting you to recharge it.

Self-Install in Minutes

Power Up

Plug device into any standard wall outlet. It will then automatically connect to the cellular network.

1



Place Device

Place on any flat surface or mount to the wall.

2



Includes 3M adhesive wall mount

Customize Settings

Select alert preferences and customize temperature/humidity thresholds.

3

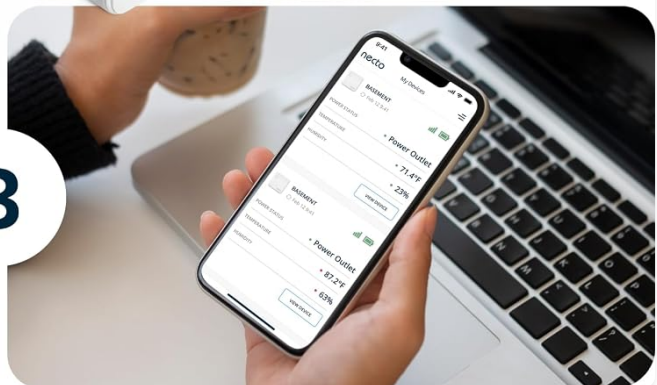


Image: The Necto monitor positioned in an RV, showcasing its ability to provide continuous monitoring and alerts even during power outages, thanks to its internal battery.

6. APPLICATIONS

The Necto MS150 is a versatile monitoring solution suitable for a wide range of environments:

- **RVs & Pet Safety:** Ensure the comfort and safety of your pets in RVs by monitoring internal temperatures and humidity, especially when you are away.
- **Greenhouses:** Maintain optimal growing conditions by tracking temperature and humidity levels to prevent

damage to plants.

- **Vacation Homes:** Monitor conditions in unoccupied properties to prevent issues like freezing pipes, excessive humidity, or power failures.
- **Server Rooms:** Protect sensitive electronic equipment from overheating and humidity fluctuations, preventing costly downtime and data loss.
- **Food Storage:** Monitor temperature and humidity in food storage areas to prevent spoilage and ensure food safety.

Ready to Use Out of the Box!

Necto connects directly to cellular networks, just like your phone, to provide reliable monitoring with unlimited range.

2 Years of Cellular Service Included

No hidden fees, everything is covered.



Built-in SIM card & data included

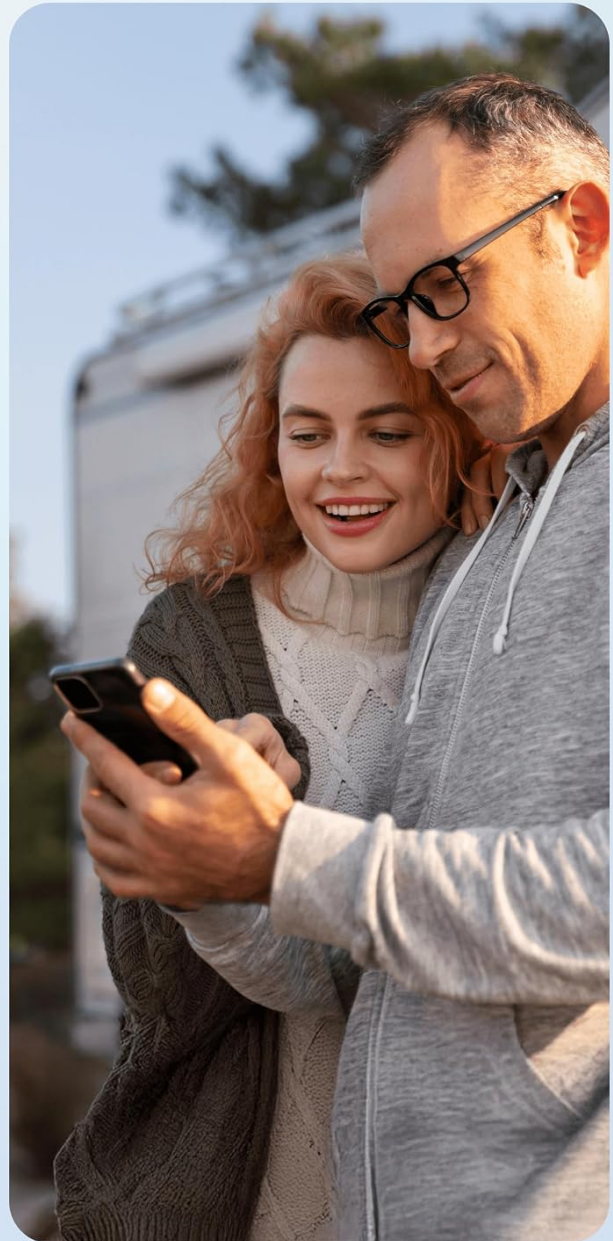


Image: A couple using their phone with the Necto monitor, emphasizing its out-of-the-box readiness and cellular connectivity for remote monitoring.

3-in-1 Sensor

Keep tabs on your home, RV, car, or pets from anywhere with the 3-IN-1 **temperature, humidity & power outage monitor.**



Image: A person with a dog inside a van, illustrating how the Necto monitor can be used to ensure pet safety through 24/7 temperature and humidity monitoring.

7. SPECIFICATIONS

Feature	Detail
Model Number	MS150
Brand	NECTO
Color	White
Product Dimensions	2.7"W x 2.7"H

Item Weight	2.15 Ounces
Battery Description	Lithium-Ion (1 included)
Mounting Type	Wall Mount
Upper Temperature Rating	120 Degrees Fahrenheit
Temperature Accuracy	0.5 Degrees Fahrenheit
Measurement Accuracy	+/-0.5%
Included Components	Sensor, Adhesive Wall Mount, USB-C Charger, USB Converter, Mounting screws

8. TROUBLESHOOTING

If you encounter any issues with your Necto MS150, please refer to the following common troubleshooting steps:

- **No Cellular Signal:** Ensure the device is in an area with adequate 4G LTE coverage. Try relocating the device to a different spot.
- **No Alerts Received:** Verify that your alert preferences are correctly configured in the Necto app/portal, including correct phone numbers and email addresses. Check your spam/junk folders for email alerts.
- **Inaccurate Readings:** Ensure the device is not placed near heat sources (e.g., direct sunlight, appliances) or vents that could affect temperature and humidity readings. Allow some time for the sensor to stabilize after relocation.
- **Device Offline:** Check if the device is powered on and connected to a power source. If operating on battery, ensure the battery is charged. If the issue persists, try restarting the device.

9. WARRANTY AND SUPPORT

The Necto MS150 comes with a manufacturer's warranty covering defects in materials and workmanship. For specific warranty details and duration, please refer to the documentation included with your product or contact NECTO customer support.

Customer Support:

For technical assistance, troubleshooting, or warranty claims, please visit the official NECTO website or refer to the contact information provided in your Quick Start Guide. Online resources and FAQs may also be available to assist you.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question