



Diligence WiFi

Quick Start Guide

Cloud - based Monitoring with Comark Cloud

Comark Cloud harnesses the power of IoT to automate data logging and alert notifications, giving you the ability to monitor and manage multiple data logging devices in different locations completely remotely. The system easily scales to meet your needs. Perfect for compact systems with just a few measuring points, or corporate solutions with thousands of devices around the globe.

- View data from multiple sensors
- Assign access to multiple users
- View, analyse and export data
- Set up email alerts providing alarm and status reports
- Broadcast daily summary emails



3 easy steps to get started with your RF300 WiFi sensor

1. Charge your sensor

Your sensor will arrive partly charged, but for optimum performance you should charge it for 24 hours before use. The sensor will automatically start to recharge when connected to a PC or USB charger using the USB cable provided.

Battery states

The Symbols below show the range of battery states that your device may display.



Battery OK/Charged



Solid with bars

Battery Low



Symbol flashes

Battery Charging



Bars cycling

2. Set up your sensor

Option 1 - Set up using the Comark Cloud App*

- Sign up for an Cloud Cloud account at www.comarkinstruments.com.
- Install the Comark Cloud for RF300 from the App Store or Google Play.
- Run the App and sign in to your Comark Cloud account.
- Select ☰ followed by Set Up Device, and then WiFi Sensor.
- Follow the in-app instructions to connect your sensor.
- Once connected, you can use the App and Comark Cloud to view your data and update sensor settings.

* Only applicable to V5 firmware and upwards.



Option 2 - Set up using the PC software

- Download the latest RF300 Diligence WiFi PC Software from www.comarkinstruments.com/software.
- Install and run the software, accepting any firewall or security warnings.
- Select Set-Up Device and choose one of the following options:
 - On The Cloud - for remote access to your device and data. You can sign up for a Comark Cloud account at www.comarkinstruments.com.
 - On This PC - to store data on your own PC.
- Follow the on-screen instructions to connect your sensor.

Note: The PC software also allows you to apply sensor firmware updates. We recommend updating to the latest firmware.



3. Position your sensor

When placing your sensors, press the button three times to reveal signal strength indication and ensure that the device remains within range of the network, consider local heat sources and radio obstructions when positioning your device. Any physical obstructions between the router/ access point and sensor will affect the signal range. In this case WiFi extenders can be used to increase the range of your network.

Signal states

The Symbols below show the range of signal states that your device can display.

Signal icon not displayed



Sensor is not set-up

Signal icon flashes



Sensor is trying to communicate

Signal icon solid



Sensor has successfully communicated



Technical Support

You can view FAQs, Help Guides and other support resources at www.comarkinstruments.com.

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Important safety information

WARNING: Failure to follow these safety instructions could result in fire, electrical shock, other injury or damage.

Batteries

The rechargeable battery should only be replaced by the manufacturer. All internal components are non-serviceable. Contact us for details of our battery replacement service.

Repairing or modifying

Never attempt to repair or modify Comark's products. Dismantling Comark's products, including the removal of external screws, may cause damage that is not covered under the warranty. Servicing should only be provided by the manufacturer. If the Comark product has been submerged in water, punctured, or seriously damaged do not use it and return it to the manufacturer.

Charging

Only use a USB Power Adaptor or a USB port to charge Comark products. Read all safety instructions for any third party products and accessories before use with this product. We are not responsible for the operation of any third party accessories or their compliance with safety and regulatory standards. We do not recommend charging the battery when the

unit is at 40°C (104°F) or above. Some of our products employ safety features to prevent this.

Using connectors and ports

Never force a connector into a port; check for obstruction in the port, make sure that the connector matches the port and that you have positioned the connector correctly in relation to the port. If the connector and port do not join with reasonable ease they probably do not match and should not be used.

Disposal and recycling

You must dispose of Comark's products according to relevant laws and regulations. Comark's products contain electronic components and lithium polymer batteries and therefore they must be disposed of separately from household waste.



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www.comarkinstruments.com