

Resource  
Data Management

# **RDM Mobile App**

Installation & User Guide  
Software Revision 2.7



RDM Mobile App

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# The RDM App

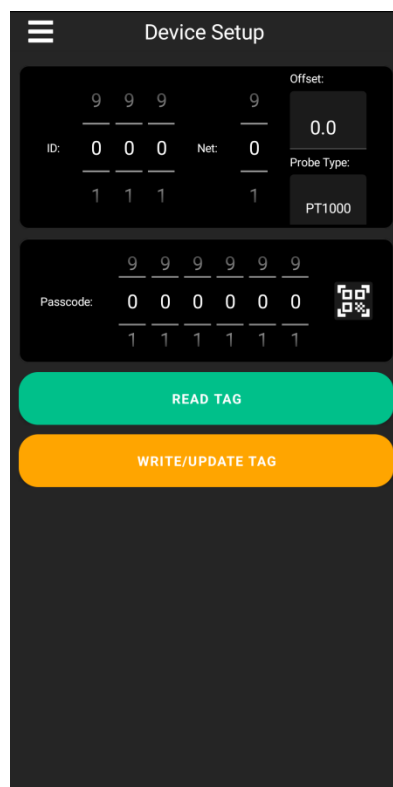
## From Resource Data Management

The RDM Mobile App is intended for use primarily with our Bluetooth range. The app allows the user to communicate with the Bluetooth probe using their mobile phone for quick and easy setup. The App also lets the user gain access to RDM documentation, either through a manual search or scanning the barcode of the product they have.

## RDM App

To begin, ensure NFC is active on the mobile device and then open the App\*.

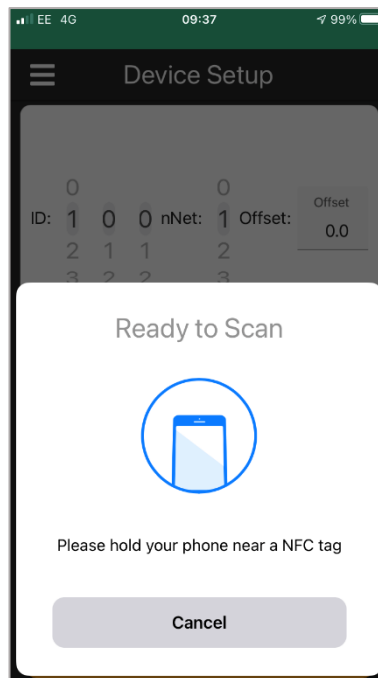
When opening the app the following screen will be displayed. This screen is used to communicate and setup the Bluetooth Probe.



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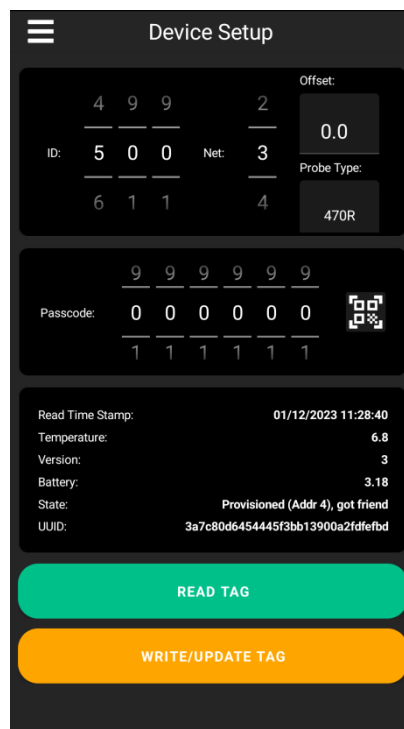
## Connecting to a Bluetooth Probe

To connect to the Bluetooth probe, press on the 'READ TAG' option and hold the mobile device closely over the probe. The App will then show the screen below as it tries to locate and connect to the Bluetooth probe. This will allow you to setup the Probe or read its current configuration.



## Configuring a Bluetooth Probe

Once the mobile device has connected to the probe, a screen like below is shown. This screen is used to read/edit the configuration of the probe, set the probe type and any offsets that may be required. It will also show the temperature of the probe at the time it was read. If the Probe has been previously configured you will see the current setup details of the Probe.



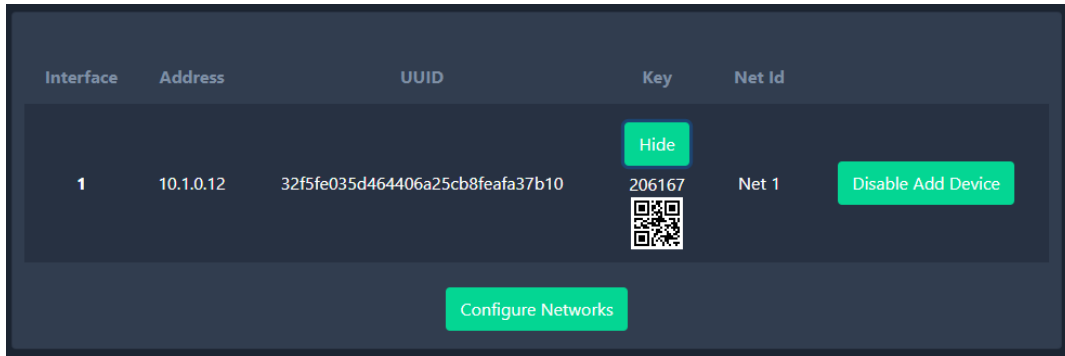
**Note:** - Setting the probe type must be done when the Probe is initially being logged on.



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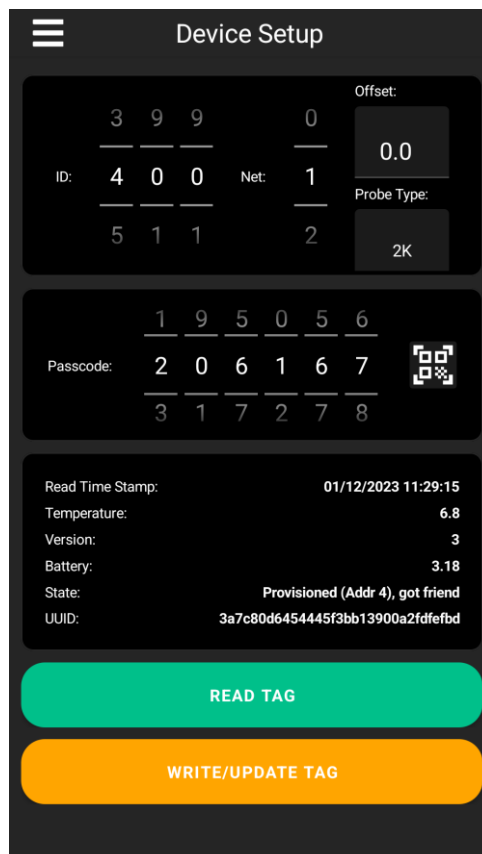
To configure the Probe, firstly assign the network ID (0 – 3) to match the network ID setup within the [Data Manager](#). For example, if adding a probe to a DMTouch with the settings below then the 'nNet' setting must be set to 1 in the app. Then assign the probe a unique Probe ID (000 – 999). Set the correct probe type and apply a temperature offset if required.

Within the DMTouch Wireless Mesh setup screen the 'Enable Add Device' button must be pressed so that the DMTouch will accept new devices to the network. Once pressed it will be active for 12 hours or until the panel is restarted.



Note: - The 'Passcode' option does not need to be used in the initial setup, its only needs to be entered when modifying the probes settings.

The picture below is a Probe setup screen that has been configured with an ID and network ID and is ready to log on.



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Once complete, hold the mobile device over the Bluetooth Probe and press the 'Write/Update Tag' to finalise the setup. The Probe will then use the ID and Passcode to log on to the Data Manager's Bluetooth network. It will then appear in the device list as WPRXXX where 'XXX' represents the device ID.

Device	Description	Value	Status	Pack	TPI
WPR400	Training Room Probe 1	24.4 ⓘ	Normal		

**Note: - Any offsets applied to the Bluetooth probe will not show in the DMTouch**

## Viewing the status of a Bluetooth Probe

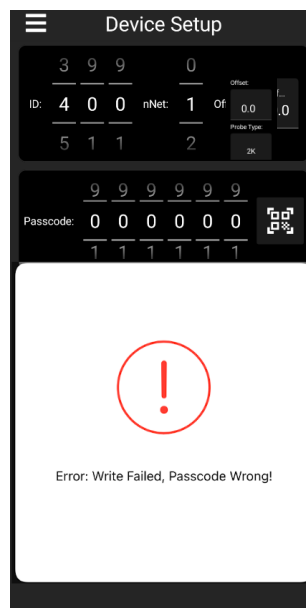
The Status of the Bluetooth Probe can be read by the same method outlined above from within the app.

The details of the Network configuration, temperature reading along with other details will be shown. Using the 'refresh' symbol will clear any details read from the probe so to be ready for reading any others.

## Modifying a Bluetooth Probe

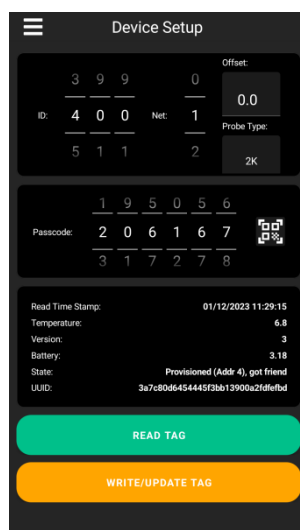
For security, if you need change the probe configuration (i.e, ID, nNet or Offset), you will need the Key Passcode from the DMTouch. This can be found under the RDM Bluetooth Wireless Mesh menu in the DMTouch. The user can manually enter the passcode key or use the QR Code feature which will read the code and populate the details.

Failure to enter the Passcode or an incorrect Passcode, will result in an error message appearing



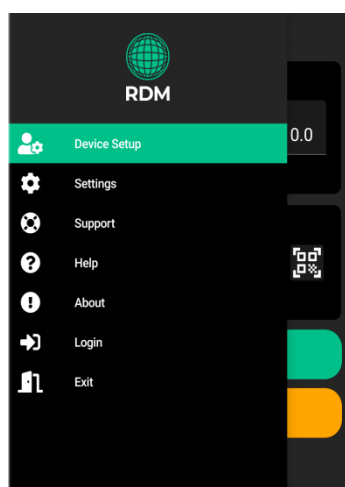
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Once all the information has been entered, press 'Write/Update Tag' to send the information. This will then update the information in the probe and those changes will be picked up by the DMTouch. Pressing on the 'Read Tag' button will refresh the information to confirm it has been set.



**Note:** - The passcode is only available in version 2.0.2 or above for the probe and 4.0 or above on the DMTouch.

## Main Menu



Pressing the three lines at the top left of the screen will take you to the main menu screen, which will display the screen on the right.

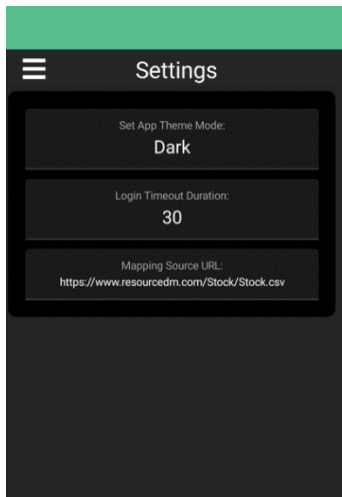
On the main menu you will see the following screen. This will allow you to access

- Device Setup
- Settings
- Support
- Help
- About
- Login (Documentation)
- Exit



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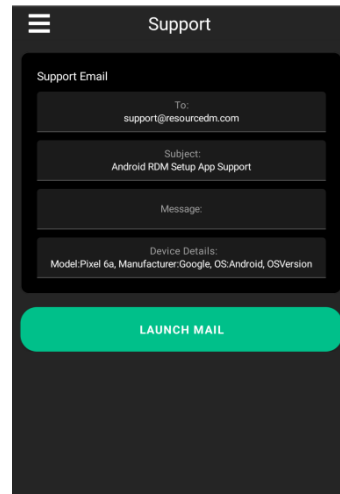
### Settings



This screen will allow you to toggle the App between the Light and Dark theme and also set a time before the user is logged out. The Mapping Source URL relates to the barcode scanner and shouldn't be changed unless recommended by RDM

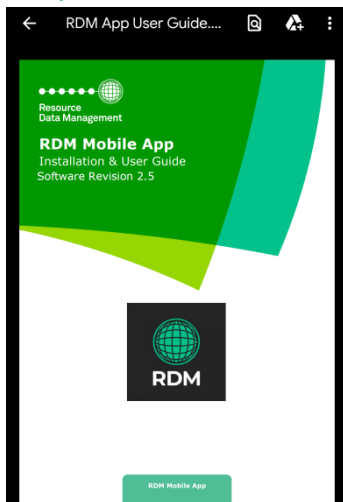
**\*Note:** App may differ to the images shown above.

### Support



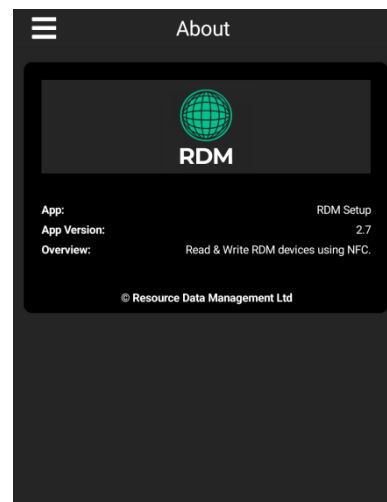
The support screen allows you to send an email to the RDM Technical Support Dept. with any queries or issues you are having with the App or Bluetooth setup.

### Help



Pressing the Help button will load up the RDM Mobile App User Guide for further information on how to use the app.

### About

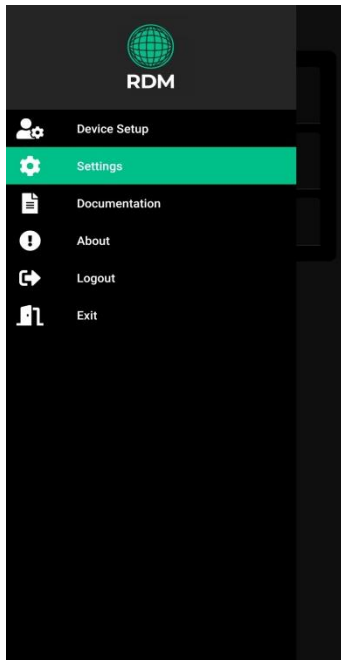


This screen shows you information about the App running (e.g. App Version)



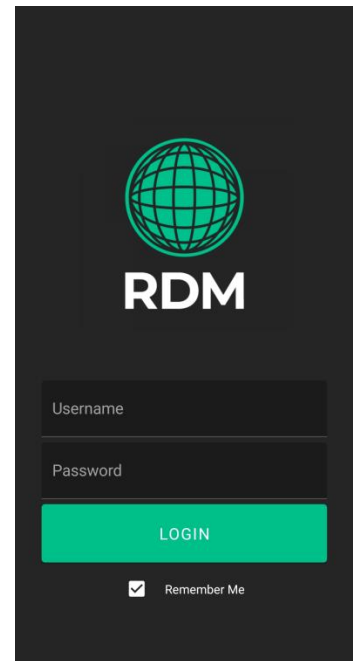
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## Login



To use the Login menu, the user must first have created a RDM Support Account at <https://www.resourcedm.com/support-registration/>. Using the Username and Password that was entered during the creation of the account will allow the user to search and download RDM documentation.

**Note :** The users device must have internet connection for the very first login. After that the user can log in both when in the online and offline state.



## Documentation

When the user logs in, they will see the screen below. This screen will allow the user to search for any documentation that is available on the RDM Webpage and also download it to the user's device.

### Screen Information


Labels for the Documentation screen:


- Online/Offline Indicator
- Search bar
- Document count
- Document Region
- Scanner Icon
- Filter Toggle
- File stored locally on device
- Download progress
- File stored on RDM website
- Click to delete from local device



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Once logged into the documentation page you will see a list of documents that are currently on the RDM webpage.

The user can either use the search box to type in the part number or description to locate the desired document or using the scanner icon  at the top left of the screen which will allow the user to scan the barcode on the device to locate the part number and related document.

There is also a filter icon  which when pressed can be used to allow the user to filter the results by part number, description, category (commissioning guide, user guide, installation guide, data sheet or CAD drawing), region or when the document was uploaded.

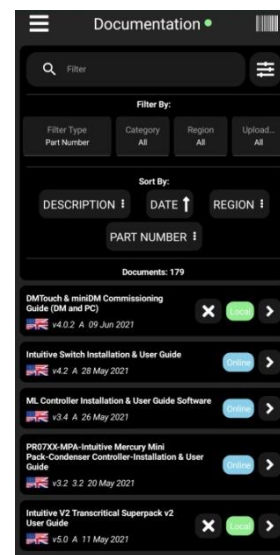
The documents will show as 'Online' and will be coloured blue as they are stored centrally on the RDM webpage. By clicking on the arrow on the right side of the document name, the app will download the requested document to the users device.

This will change the status from 'Online' to 'Local' as it is now stored locally on the device and will show green. This will allow the user to view the document even if the connection indicator at the top of the screen has gone grey to show no internet connection available.

Once downloaded, the user can scroll up and down through the document. An example of a downloaded document is on the right.

The document can be deleted by pressing on the 'X' symbol. This will return the document to 'Online'

Note: - The document list will automatically update when the user logs into the app or can be updated when in use by using the 'pull down' gesture on the users screen.




## Offline State

When the connection indicator at the top of the page displays grey, then the users device has lost connection to the internet and they will not be able to access or download any documentation. The only documentation available will be any documentation that has been previously downloaded and is showing 'local'. So, if the user is going to an area that doesn't have a good internet signal, they can download any needed documents prior to going to that area and they will be able to access the required document.



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### Using the scanner

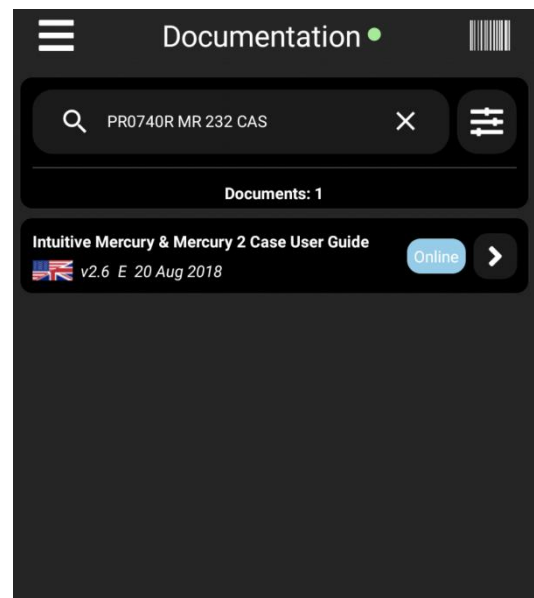
To use of the scanner function you need to press on the  icon at the top right of the app. The user's device will prompt to allow the RDM App to use the camera. Once allowed, the user can then point the camera at the label of the controller/device with the RDM barcode (example below). The scanning of the barcode should allow the app to pick up the part number and search for the required document.

In the example below, if the user scans the barcode of the controller on the right hand side, the app would then check and search through the documentation and come back with the results on the right, which the user can then download and view.

Controller barcode



Search Results



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## Downloading the App

Apple: - The App can be downloaded at <https://apps.apple.com/app/id1542795609> or by using the QR code below: -



Android: - The App can be downloaded at:-  
<https://play.google.com/store/apps/details?id=com.resourcedm.rdmsetup>



## Revision History

Date	Revision	Changes
21/08/21	2.2	First release of documentation.
23/12/2022	2.5	Support option added.
04/12/2023	2.7	Support added for changing probe types



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