Clicking over the Cancel button will terminate the Add New Device process.

11. If the new Siren was properly detected by the CCU within this time-frame, the counter will freeze and a **Device Properties** sub-window will appear within the **Add New Device** window, where the Siren's system name/location needs to be typed-in.

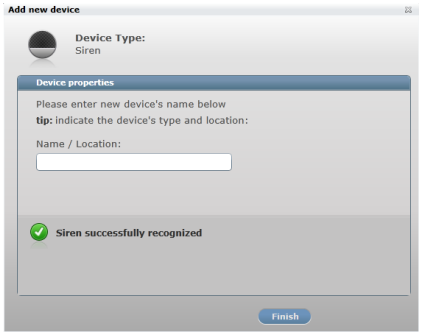


Figure 99: Add New Siren Device Properties

Clicking over the Finish button will end the Add New Device process while the new Siren is added onto the system configuration.

12. You may verify that the Indoor Siren (SRN) was properly added by checking the details of the We.R™ Web Application's **Devices** page.

## 3.10. The Wireless Access Control Tag Reader (TR5) – ES800TR5

The Wireless Access Control Tag Reader is a battery operated, wireless, passive, powerful access control and system arming device.

Pending its location, the Tag Reader may also serve the purpose of a door bell.

Accessories available for the Tag Reader:

- Double-sided adhesive tape.
- Tag(s).


Figure 100: The Tag Reader and a Tag

### 3.10.1. The Tag Reader Function

The Tag Reader features:

- User identity verification via portable proximity RFID tag in wireless access control application
- An intuitive user-friendly interface
- 5-button design provides system status, arming and other functions
- Tamper protection
- Provides command options to Arm, Partial Arm, Disarming and Force Arm the system

- Provides command options for personal SOS alarm (panic button)
- Dual purpose as tag reader and doorbell button
- Indoor and sheltered outdoor installation
- Support for up to 8 Tags

### 3.10.2. Installing the Tag Reader

The Tag Reader should be mounted near the premises' entrance, indoor or sheltered outdoor.

The Tag Reader mounting base is the unit's back cover (where it also serves the purpose of batteries cover).

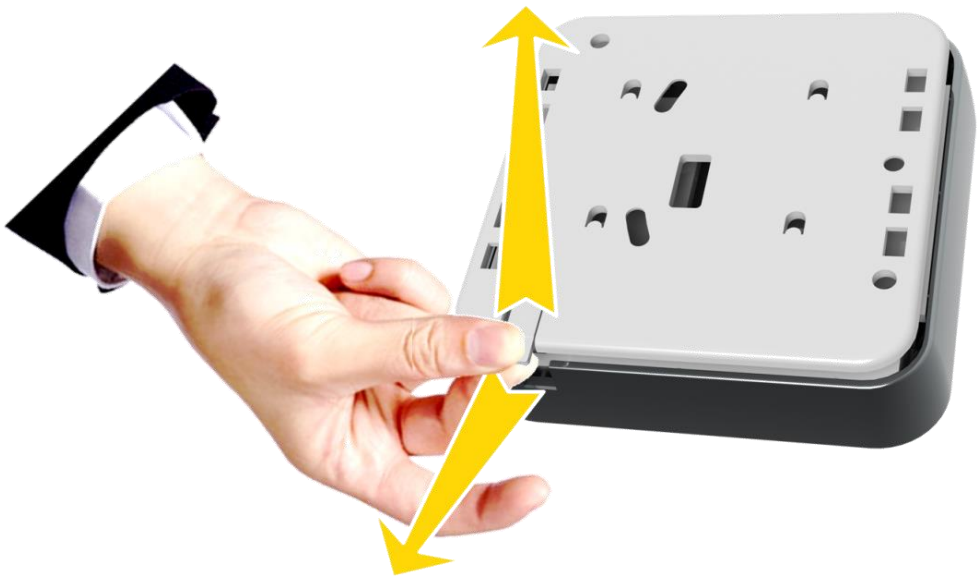

Figure 101: Releasing the Tag Reader Mounting Base

The mounting base should be disassembled from the Tag Reader body, as demonstrated in Figure 101 above, and attached either by the double-sided tape (pre-attached to the mounting base) or using screws as demonstrated in Figure 102 below.

#### 3.10.2.1. Tag Reader Positioning Recommendations

- The Tag Reader should be mounted near the premises' entrance, indoor or outdoor as needed.

  The Tag Reader location also determines its function:

  - Installed within the premises (indoor), the Tag Reader, utilizing its 5-buttons keyboard, functions as one of the We.R™ system's arming devices allowing full or partial arming per system definitions, SOS (panic button, and provide system status display (with LEDs).

    Installed indoor, it can also be used, in conjunction with the Tags, for system disarming.

  - Install outdoor (i.e. near the front door), the Tag Reader serves as a door bell (in conjunction with the Siren, see paragraph 3.9.1 above).

    Installed outdoor, the Tag Reader can also be used, in conjunction with the Tags, for system disarming.

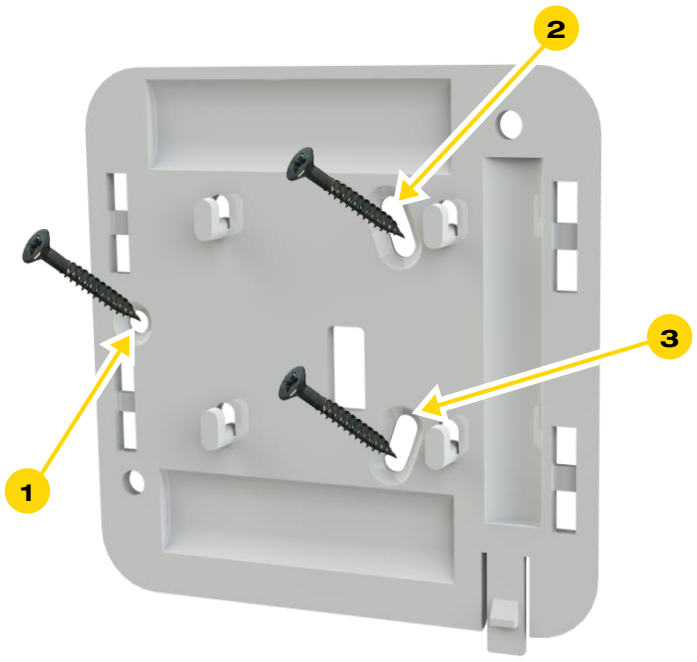


Figure 102: Tag Reader Mounting Base with Screws

- The Tag Reader should be mounted (with the release tab pointing down) on a flat vertical surface.
- Attach the Tag Reader to a surface that is clean, dry, flat and smooth.
- The Tag Reader must be mounted within 700m (2300ft) (open air nominal) of the CCU.

#### 3.10.2.2. Installing with Screws

1. Release the Tag Reader mounting base by lifting the tab and sliding the base in the tab's direction as demonstrated in Figure 101 above.
2. Place and hold the base on the desired mounting location and mark the drilling locations.
3. Drill the holes; insert three (3) dowels if needed, place the base over them and screw in the three (3) screws.
4. Slide the Tag Reader back onto its mounting base.

#### 3.10.2.3. Installing with Pre-attached Double-side Tape

1. Release the Tag Reader mounting base by lifting the tab and sliding the base in the tab's direction as demonstrated in Figure 101 above.
2. Clean the surface where the Tag Reader should be installed.
3. Peel the tapes' protective covers.
4. Attach the mounting base to its designated location while applying slight pressure.
5. Slide the Tag Reader into the mounting base.

#### 3.10.2.4. Dismounting the Tag Reader

For dismounting the Tag Reader from its designated installation site:

1. Press over the tab.
2. Slide the Tag Reader body upwards as demonstrated in Figure 103 below.


Figure 103: Dismounting the Tag Reader

### 3.10.3. Adding the Tag Reader to the We.R™ System

The Tag Reader need to be functionally added to the system following the above described physical installation procedure.

The addition of the Tag Reader is a standard Add Device procedure performed as follows:

Note: You may also want to refer to paragraph 5.1 below to get acquainted with the process of installing/replacing batteries in the Tag Reader.

1. Prepare three (3) AA-size Alkaline batteries required to power the Tag Reader.
2. Activate the We.R™ Web Application.
3. Select the **Devices** page (tab) and click over the 

button.
4. A roll-down selection menu will open.

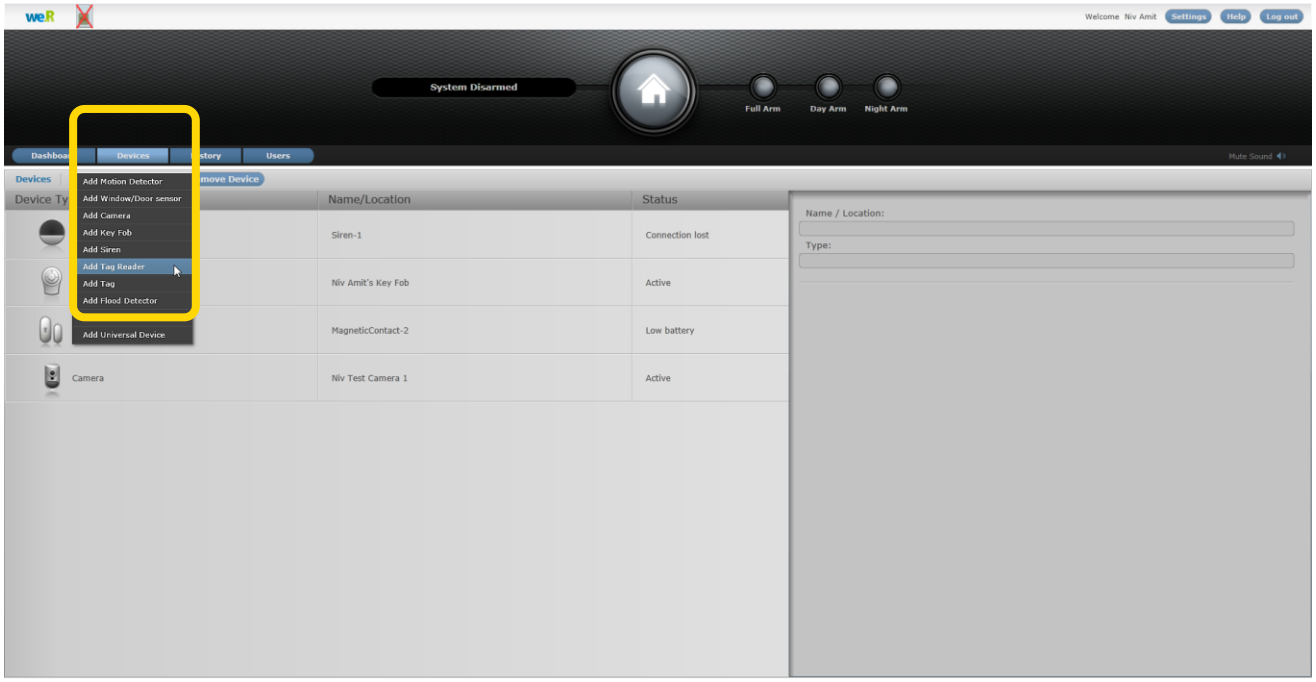


Figure 104: Add Tag Reader Device Utilizing Web Application

13. Click over the **Add Tag Reader** option of the menu as illustrated in Figure 104 above.
14. An **Add New Device (Tag Reader)** window will pop-up and its timer will start running.
15. Verify that the Device Type is Tag Reader.

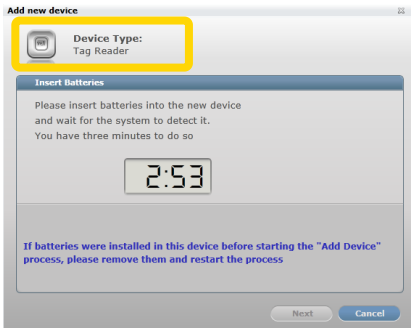


Figure 105: Add Tag Reader Window

8. The down-counter provides a time-frame of three (3) minutes within which the batteries should be installed to power-up the Tag Reader, as demonstrated in Figure 106 below:


Figure 106: Inserting the Batteries into the Tag Reader

Verify batteries polarity to match marking within the batteries' compartment.

> Note: In case the installation of the batteries could not be accomplished within the three (3) minutes period, it is possible to restart the process by applying step 1 (on page 138) and onwards again.

9. The insertion of batteries into the Tag Reader triggers a handshake process in which the Tag Reader communicates with the CCU to inform it of its presence and the CCU add it to its peripherals' inventory.
10. If the CCU did not detect the new Tag Reader within this time-frame, the following error (⊗) message will appear within the **Add New Device** window:

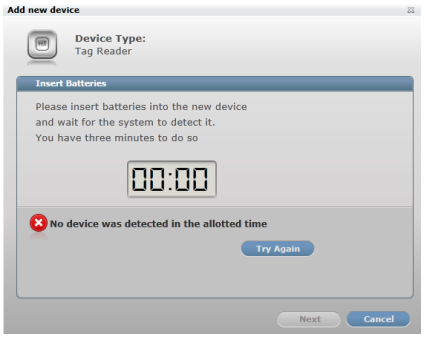


Figure 107: Add New Tag Reader Timeout Error Message

In such a case, it is possible to re-initiate the Add New Device process by clicking over the Try Again button.

Clicking over the Cancel button will terminate the Add New Device process.

11. If the new Tag Reader was properly detected by the CCU within this time-frame, the counter will freeze and a **Device Properties** sub-window will appear within the **Add New Device** window, where the Tag Reader's system name/location needs to be typed-in.

In addition to the Tag Reader name/location, this window defines the Tag Reader operating function pending its location – indoor or outdoor.

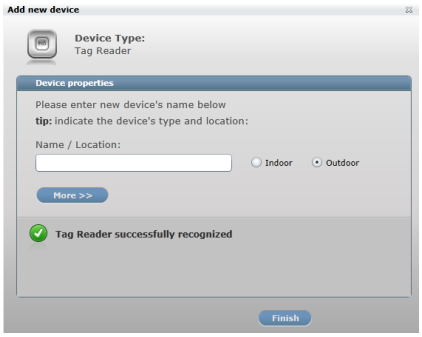


Figure 108: Add New Tag Reader Device Properties

Clicking over the  button will expand this window to include definition for the Tag Reader in case installed outdoor and serves as a door bell:



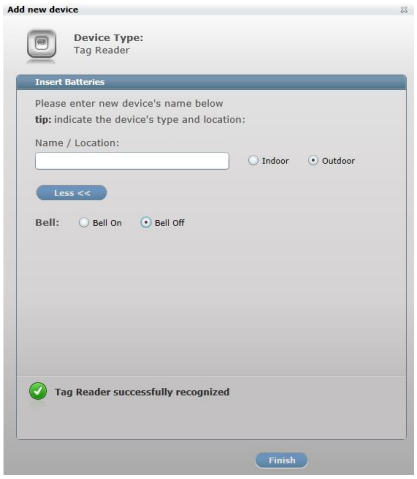


Figure 109: Add New Tag Reader Outdoor Properties

Clicking over the Less << button will reduce this window back to its original size (see Figure 108 above).

Clicking over the Finish button will end the Add New Device process while the new Tag Reader is added onto the system configuration.

12. You may verify that the Tag Reader (TR5) was properly added by checking the details of the We.R™ Web Application's **Devices** page.

### 3.10.4. Adding Tags to the We.R™ System

Once a Tag Reader was added to the We.R™ system, its related Tags may also be added.

A Tag is a personal device, just like the Remote Control Unit (Key Fob), identifying the holder to the system.

It is a passive device (requiring no battery for power) utilizing advanced magnetics and RFID technologies for its purpose.

Figure 110: The Tag

Each Tag Reader supports identification of up to 8 Tags.

The addition of the Tag is a similar to the Add Device procedure performed as follows:

1. Activate the We.R™ Web Application.
2. Select the **Devices** page (tab) and click over the 

button.

   A roll-down selection menu will open.

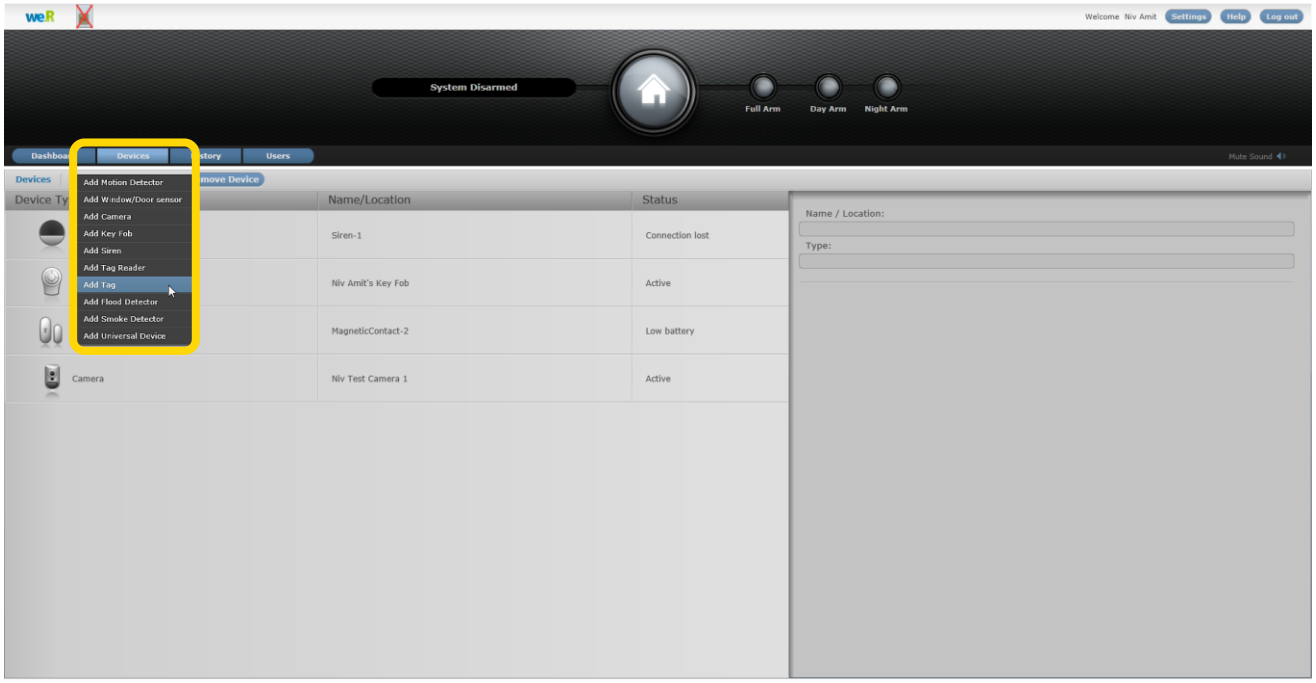


Figure 111: Add Tag Device Utilizing Web Application

3. Click over the **Add Tag** option of the menu as illustrated in Figure 111 above.
4. An **Add Device (Tag)** window will pop-up but its timer will not start running (like in every Add Device procedure) until the tag is assigned to a specific, pre-defined, system User.

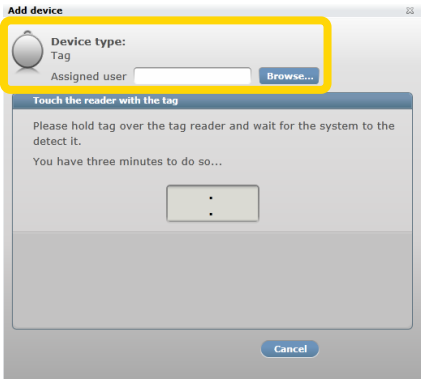


Figure 112: Add Tag Window

5. To assign the Tag to a User, click over the Browse... button.

   A window with a list of all pre-defined system Users will open:

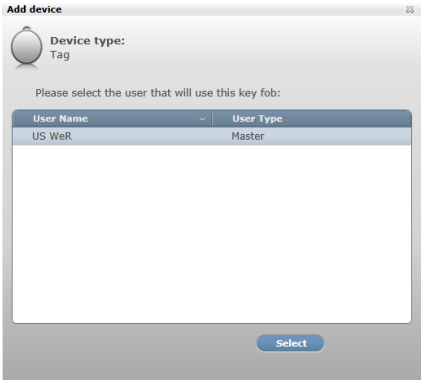


Figure 113: Select User to Assign the Tag to Window

6. Click over the User to become the owner of the Tag to highlight its row and then click over the Select button.

7. A new window will open, similar to the initial Add Tag Window (see above Figure 112), but with an added optional field allow typing of an additional label name for the Tag:


Figure 114: Tag Label and Stopwatch Window

Type-in (optionally) a Tag Label name and click over the Start button.

The down-counter (timer) will start counting down a period of three (3) minutes.

8. The down-counter provides a time-frame of three (3) minutes within which the Tag should be held over the Tag Reader to be detected by the system.
9. Holding the Tag over the Tag Reader triggers the Tag Reader to “read” the Tag’s identity and trigger a handshake process in which the Tag Reader communicates with the CCU to inform it of the detected Tag presence and the CCU add it to its peripherals’ inventory.
10. If the CCU did not identify the new Tag within this time-frame, the following error (⊗) message will appear within the **Add New Device** window:

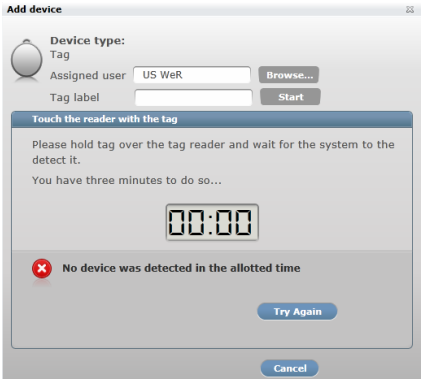


Figure 115: Add New Tag Timeout Error Message

In such a case, it is possible to re-initiate the Add New Device process by clicking over the Try Again button.

Clicking over the Cancel button will terminate the Add New Device process.

11. If the new Tag was properly identified by the CCU within this time-frame, the counter will freeze.
12. You may verify that the Tag was properly added by checking the details of the We.R™ Web Application's **Devices** page.

## 3.11. The Flood Detector (FL) – ES800FL

The Flood Detector (FL) is a We.R™ sensor/detector for early warning of developing floods.

This sensor device consists of two (2) connected elements – a passive Fluid Sensor Unit and a larger RF Transmitter Unit.

Accessories available for the Flood Detector:

- Double-sided adhesive tape on both the Transmitter and the Sensor.