



Essence Security

MyShield

Installation Guide



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Table of Contents

- 1. Introduction3
- 2. Prerequisites3
- 3. Choose an Installation Location..... 4
- 4. Test the Installation Location.....5
- 5. Mount MyShield..... 8
- 6. Install the MyShield Application on a Mobile Phone 10
- 7. Register as a New MyShield User 11
- 8. Add Your MyShield Device to the MyShield App 11
- 9. Perform a Walk Test 11
- 10. Test MyShield Operation 12
- 11. Perform an Intrusion Test with the Monitoring Center 14
- 12. Replace the Simulation Canister with a Live Smoke Canister 14

1. Introduction

MyShield is a remotely triggered, smoke generating security device for detection and discouragement of intruders.

This document describes how to install the MyShield device and to verify that installation is optimal.

Install the device at a location that meets the criteria listed in [Choose an Installation Location](#) on page 4 so that the sensor can detect movement throughout its coverage area, and to ensure that the smoke diffuser fills the room as effectively as possible.

Installation includes the following steps:

- Selecting and testing an installation site for your MyShield device, as described in the following sections:
 - [Choosing an installation location](#) on page 4
 - [Testing the installation location](#) on page 5
 - [Mounting MyShield](#) on page 8
- Working with the Essence MyShield mobile application, as described in the following sections:
 - [Installing the MyShield application on a mobile phone](#) on page 10
 - [Registering as a new MyShield user](#) on page 11
 - [Adding your MyShield device to the MyShield app](#) on page 11
- Performing the following tests:
 - [Walk test](#) on page 11
 - [Operational test](#) on page 12
 - [Intrusion test](#) on page 14
- Inserting a live smoke canister, as described at [Replace the Simulation Canister with a Live Smoke Canister](#) on page 14

2. Prerequisites

Make sure that you have the following:

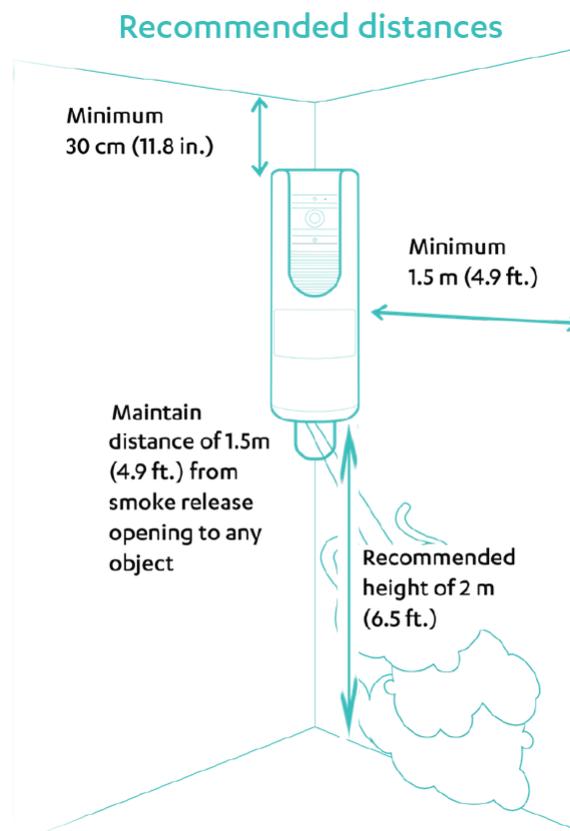
- The MyShield device
- The simulation canister (identifiable by its red top and bottom covers)
- The *Simulation Canister Getting Started Guide* included in the device packaging
- Eight CR-123A 3V batteries (six for MyShield, two for the simulation canister)
- A CAT-M micro-SIM (3FF) card recommended by your vendor
- A plastic PIR sensor cover (order separately)

- A drill
- A Philips head screwdriver
- Two 3 X 35 DIN 7982 C screws and wall anchors (provided)

3. Choose an Installation Location

Choose an installation location that meets the following criteria:

- Indoors
- Has CAT-M cellular network coverage
- On a wall or in a corner at a height of 2 m (6.5 ft.)
- Perpendicular to the floor
- Not above an entry door
- Out of direct sunlight
- In accordance with the following recommended distances:



4. Test the Installation Location

Before mounting MyShield, perform the following test to make sure that you have chosen an optimal installation location:

1. With the bottom of MyShield facing up, slide the bottom panel until it clicks.



2. Remove the bottom panel.
3. Pull the wall mount up until it clicks.



4. Remove the wall mount.
5. Insert the SIM card into the slot until it clicks.



6. While pressing the red release button, pull out the battery holder.



7. Insert the batteries into the battery holder, observing the correct polarity.



WARNING! A new battery may explode if incorrectly installed. Use only the same or equivalent battery type recommended by the manufacturer.

- Slide the battery holder into the battery compartment until it clicks. A sound is heard and the LED flashes red.



- Place the bottom panel over the bottom of MyShield.

MyShield automatically begins to check the quality of its cellular network connection.

The test lasts approximately two minutes during which time MyShield beeps every 30 seconds.

When MyShield requires further statistics about the quality of the cellular network connection, the test may last 4 minutes during which time MyShield beeps every 30 seconds.



NOTE: It may take up to ten minutes before MyShield starts beeping.

Do not move the MyShield until you hear an announcement indicating the quality of the reception.

At the end of the test MyShield emits one of the following voice announcements and sends you a text message (if you have registered for this service): *Good reception*, *Poor reception*, or *No reception*.

- If you receive a *Good reception* message, you can mount MyShield in this position.
 - If you receive a *Poor reception* message, the device may operate more slowly due to a lower data rate. Repeating the test at another location is recommended.
 - If you receive a *No reception* message, repeat the test at another location.
- To repeat the test, simply remove the battery holder by pressing the red release button, and then reinsert it.
 - Place MyShield as close as possible to the new chosen location and wait for the new scoring result.

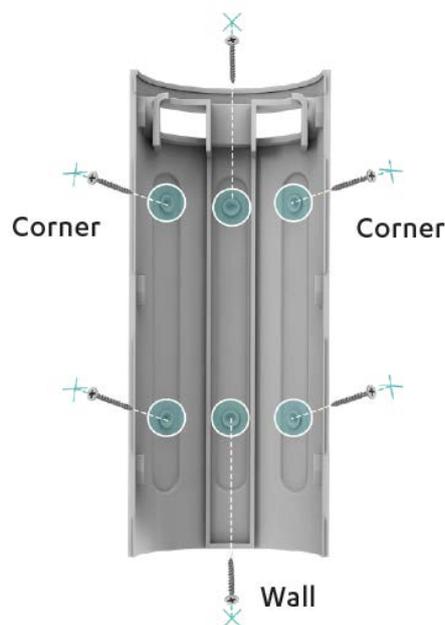


TIP: If there is still no reception after repeating the test, try using a SIM card from a different operator.

5. Mount MyShield

Attach MyShield to the wall in accordance with the distances shown in [Choose an Installation Location](#) on page 4.

1. Position the wall mount:
 - Perpendicular to the floor
 - Flat against the wall or in a corner
2. Drill holes in the wall mount's hole guides that correspond with where you want to mount MyShield.



3. Mark the position of the screws on the wall through the holes in the wall mount.
4. Drill holes where marked and insert the wall anchors.
5. Align the wall mount with the wall anchors.
6. Screw the screws through the wall mount, into the wall anchors.
7. Place MyShield over the wall mount so that the top of MyShield is slightly higher than the top of the wall mount and slide MyShield down until it clicks.



8. Turn on the simulation canister and insert it, as described in the *Simulation Canister Getting Started Guide*.
9. Place the bottom panel over the bottom of MyShield.
10. Slide the bottom panel toward the back of MyShield until it clicks.

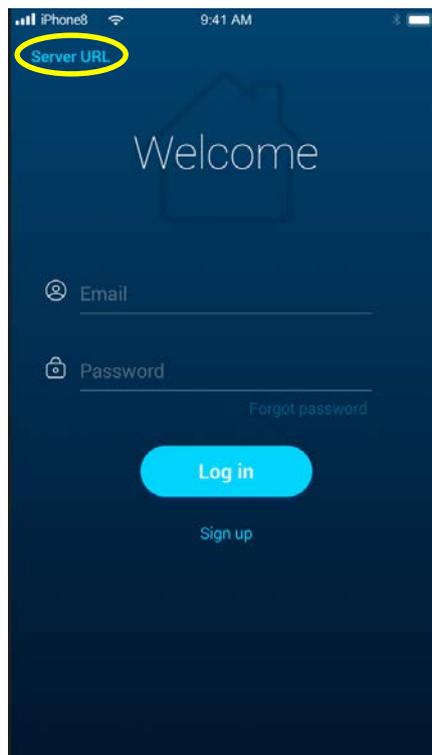


6. Install the MyShield Application on a Mobile Phone

1. Scan the QR code below, or download the Essence MyShield app to your phone.



2. After installation, open the app.
3. Before registering for the first time, tap the **Server URL** link in the top left corner of the screen.



4. In the URL string [alpha@https://csprod-external.esi-cloud.com/](https://csprod-external.esi-cloud.com/), replace “alpha” with the name provided by your vendor (using lower-case characters only).

7. Register as a New MyShield User

1. In the MyShield app **Welcome** screen, sign up using the user's email address and password.
2. Confirm the email address by tapping the link in the confirmation email sent to this address.
If you do not see the confirmation email, check your spam folder.
You are now a registered MyShield user.

8. Add Your MyShield Device to the MyShield App

1. In the MyShield app, tap **Settings > My app > Language**, and select your preferred language.
2. In the middle of the main screen, tap the plus sign (+).
3. When prompted, allow MyShield to access your camera.
4. Scan the QR code on the device or on the device packaging
Alternatively, manually enter the serial number for the device.
5. Change the device name if desired.
6. Tap **OK** to add the device.

9. Perform a Walk Test

The walk test checks if the motion detector is working correctly.

To perform a walk test:

1. Note that the motion detector's field of view (FOV) is as follows:
 - PIR—FOV 155° up to 12 m (39 ft.)
 - PIR with pet immune lens—FOV 145° up to 10 m (33 ft.)
2. Turn on the MyShield device.
3. Walk past MyShield while observing its LED.
 - If the LED blinks red, the motion detector has detected your movement. It is working correctly.
 - If the LED does not blink red, the motion detector has not detected your movement. Stand outside MyShield's FOV for at least five minutes, and then repeat the test.

10. Test MyShield Operation

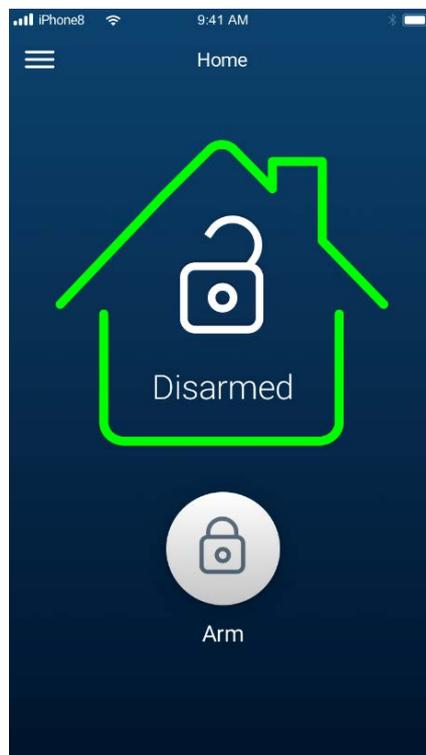
1. In the MyShield app, tap **Settings > Devices**.
2. Tap the name of the MyShield device you have added.

Operational information displays for the selected MyShield device.



NOTE: In case of a tamper error message, contact your help desk.

3. Verify that there are no error messages.
4. Return to the main screen and tap **Arm**.



5. MyShield requires a period of five minutes without detecting any movement to register an intrusion event. To enable this, either place a PIR cover (if you have one) over the MyShield lens or leave the detection area for this period.



NOTE: Repeat step 5 if you have to repeat the test described at [Test the Installation Location](#) on page 5.

6. Remove the PIR sensor cover or walk in front of the PIR sensor.

The PIR sensor will turn red for two seconds indicating that movement has been detected.

The camera will automatically start recording. If the room is dark, a bright LED will turn on.

An alarm will sound on the registered mobile phone.

MyShield will emit a voice announcement three times.

On the MyShield app you will see a red intrusion screen.

7. Wait until you receive a message that the security video was added.
8. Tap **Take action** to see the video.
9. Tap **Activate** to release smoke.



NOTE: Since you are using a simulation canister, no smoke will actually be released.

A “Deploying smoke – clear the area” warning announcement will be played.

The smoke-release door will open at the bottom of the unit, and a beep will sound, simulating the release of the smoke.

A confirmation photo of the area is taken.

10. After the confirmation photo shows on your app , tap **OK** in the top right corner.
11. Disarm the system.
12. After each intrusion event, the unit must be reset by removing and reinserting the canister and battery.

11. Perform an Intrusion Test with the Monitoring Center

If you are using a monitoring center, perform the following intrusion test to ensure that the camera and audio work properly.

1. Request that the monitoring station arm MyShield.
2. Repeat steps 5-7 as described at [Test MyShield Operation](#) on pages 13-13.
3. Have the monitoring center check the detection video.
4. Instruct the monitoring center to deploy the MyShield device.
5. Disarm MyShield.

12. Replace the Simulation Canister with a Live Smoke Canister

1. Slide and remove the bottom cover.
2. Take out the simulation canister and turn it off.
3. Remove the batteries to reset the device.
4. Wait a few seconds and reinsert the batteries.
5. Pull down the handle on the live smoke canister.



6. Slide the canister into MyShield until it stops.



7. Turn the canister handle clockwise until it clicks.



8. Push the canister handle up until it clicks. MyShield beeps. The LED lights green and then flashes red.

9. Close the bottom cover.

10. Wait until you hear an announcement indicating the quality of the reception.

Installation is now complete.



NOTE: The system is now live with the real smoke cannister. An intrusion and activation will deploy actual smoke.



NOTE: When working with a monitoring center, verify that MyShield has successfully connected to the alarm response center.

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