WIRELESS SMART SIREN INSTALLATION MANUAL



Centurion Systems (Pty) Ltd
www.centsys.com

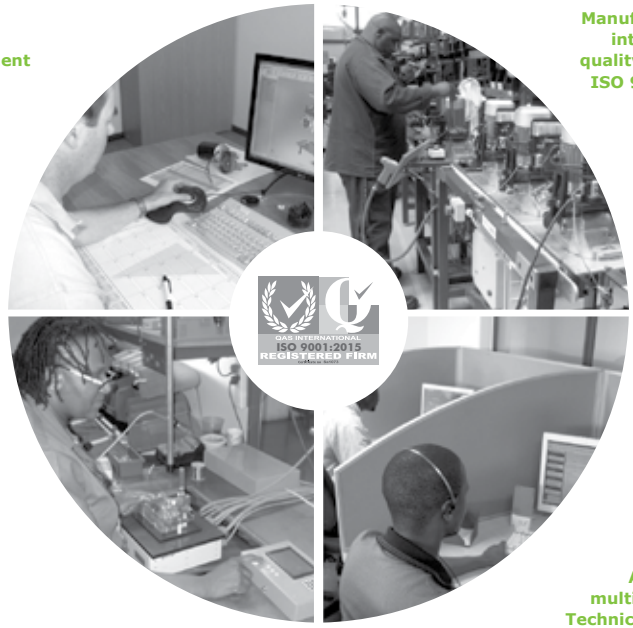
Company Profile



1986 1990 1995 1999 Today

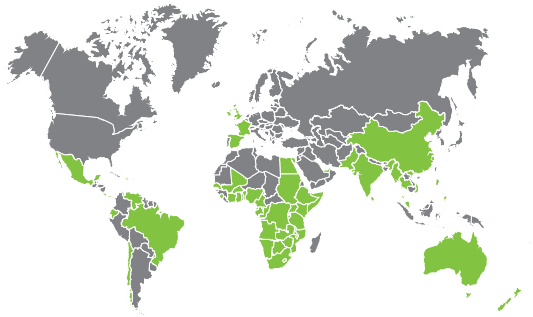
In-house R&D development team

Manufactures to international quality standard ISO 9001:2015



100% testing of products

After-sales multi-language Technical Support



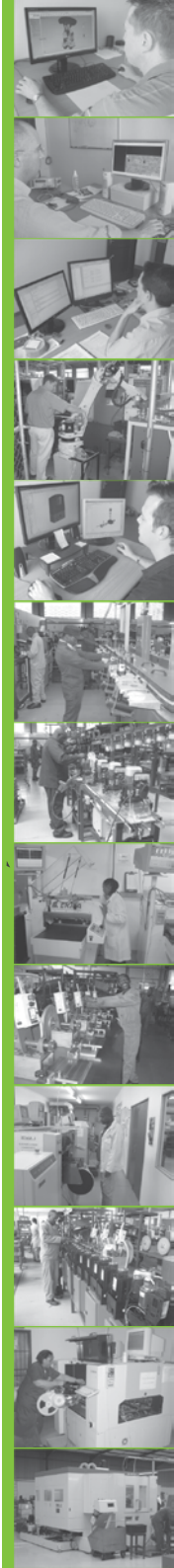
Sales and technical support to Africa, Europe, Asia, the Americas, Australia and the Pacific

Technical Support Operating Times

Monday to Friday
08h00 to 16h30 GMT+2,

Saturdays
08h00 to 14h00 GMT+2

Centurion Systems (Pty) Ltd reserves the right to make changes to the product described in this manual without notice and without obligation to notify any persons of any such revisions or changes. Additionally, **Centurion Systems (Pty) Ltd** makes no representations or warranties with respect to this manual. No part of this document may be copied, stored in a retrieval system or transmitted in any form or by any means electronic, mechanical, optical or photographic, without the express prior written consent of **Centurion Systems (Pty) Ltd.**



Contents

1.	**INTRODUCTION**	**Page 4**
1.1.	**Important Safety Information**	**Page 4**
1.2.	**Battery Safety**	**Page 5**
2.	**SPECIFICATIONS**	**Page 6**
2.1.	**Physical Dimensions**	**Page 6**
2.2.	**Technical Specifications**	**Page 6**
3.	**PRODUCT IDENTIFICATION**	**Page 7**
4.	**PRODUCT INSTALLATION**	**Page 8**
4.1.	**Preparing for Installation**	**Page 8**
4.2.	**Removing the Front Cover**	**Page 8**
4.3.	**Installing the Applications**	**Page 9**
4.4.	**Adding Whitelist Operators to the Wireless SMART Siren**	**Page 9**
4.5.	**Securing the Mounting Bracket onto the Wall**	**Page 10**
4.6.	**Wiring (Optional)**	**Page 10**
5.	**FINALISING THE INSTALLATION**	**Page 11**
5.1.	**Attaching the Wireless SMART Siren to the Bracket**	**Page 11**
5.2.	**Operator Settings**	**Page 11**

Icons used in this manual



This icon indicates tips and other information that could be useful during the installation.



This icon denotes variations and other aspects that should be considered during installation.



This icon indicates warning, caution or attention! Please take special note of critical aspects that MUST be adhered to in order to prevent injury.

1. Introduction

The **Wireless SMART Siren** integrates seamlessly with the SMART ecosystem to offer high impact deterrence and dependable protection to your automated gate or garage system. This low-power, Wireless Siren monitors up to four SMART Operators and triggers loud audible alerts plus bright visual warnings when it detects tampering or alarms.

The **Wireless SMART Siren** operates on either 4x CR123A batteries or an external 12-24V DC Power Supply, so it can be installed in various locations. The MyCentsys or MyCentsys Pro Apps are used to pair and configure sound patterns, set volume and adjust the LED brightness.

Dedicated input and output terminals enable seamless integration with external alarm triggers and existing security response systems, supporting a wide range of applications.

The advanced tamper detection deters unauthorised removal of the **Wireless SMART Siren**.

1.1. Important Safety Information



ATTENTION!

To ensure the safety of people and possessions, it is important that you read all of the following instructions.

Incorrect installation or incorrect use of the product could cause serious harm to people.

The installer, being either professional or DIY, is the last person on the site who can ensure that the Wireless SMART Siren is safely installed and that the whole system can be operated safely.

Warnings for the Installer

CAREFULLY READ AND FOLLOW ALL INSTRUCTIONS before installing the product.

1. All installation, repair, and service work to this product must be done by a suitably qualified person.
2. Do not in any way modify the components of the system.
3. Do not leave packing materials (plastic, polystyrene, etc.) within reach of children as such materials are potential sources of danger.
4. Dispose of all waste products like packing materials, according to local regulations.
5. Centurion Systems (Pty) Ltd does not accept any liability caused by improper use of the product, or for use other than that for which the product was intended.
6. This product was designed and built strictly for the use indicated in this documentation. Any other use, not expressly indicated here, could compromise the service life/operation of the product and/or be a source of danger.
7. Anything not expressly specified in these instructions is not permitted.

1.2. Battery Safety

1.2.1. Safety Warnings



ATTENTION!

- **Risk of fire or explosion if the battery is incorrectly replaced, handled, or disposed of**
- **Use only the battery type that has been specified by the manufacturer**
- **Do not short-circuit, crush, puncture, disassemble, or deform the batteries**
- **Do not expose the batteries to fire, excessive heat, or direct sunlight**
- **Do not immerse in water or other liquids**
- **Do not attempt to recharge non-rechargeable batteries**
- **Replace batteries only with the same or an equivalent type**
- **Remove the batteries from the product if it will not be in use for extended periods**
- **Keep batteries out of reach of children**

1.2.2. Safe Disposal of Batteries



ATTENTION!

This product contains lithium batteries. The batteries must be removed and disposed of separately in accordance with applicable local environmental regulations.

- **Do not dispose of batteries with household waste**
- **Dispose of used batteries in accordance with local environmental regulations**
- **Batteries must be recycled at an approved collection or recycling facility**
- **Do not incinerate batteries, as they may explode**
- **Where possible, insulate battery terminals prior to disposal to prevent short circuits**

2. Product Specifications

2.1. Physical Dimensions

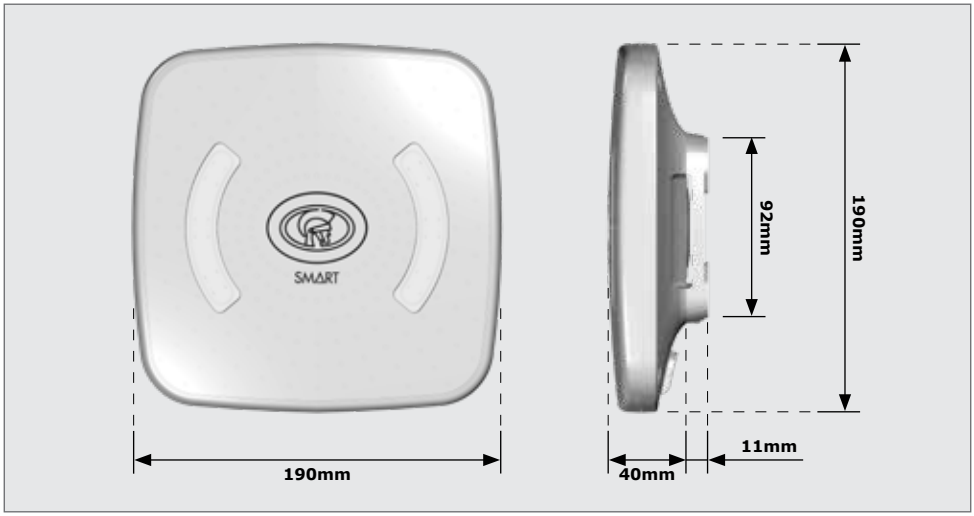


FIGURE 1

2.2. Technical Specifications

Power Supply[1]	4x Lithium Manganese Dioxide CR123A (3V each) or Optional DC input: 12V-24V DC
Battery Life[2]	Up to 5 years
External Input Voltage	12V - 24V DC 400 mA
Output Current Draw (Max)	100 mA
Sound Pressure Level[3]	MAX 110dB @ 1m
Battery Status	Viewable on the MyCENTSYS Pro / MyCentsys Apps
Battery Low	Notifications via the MyCentsys Remote App
Maximum Operating Distance to SMART/SMART+ Controller[4,5]	Up to 150m line of sight
Tamper Alarm	Yes
Operating Temperature	-15°C to +60°C
Operating Humidity	0 to 90% non-condensing
Housing Material	ASA
Connectivity	Smartphone / app control over 2.4 GHz wireless
Degree of Protection	IP54

TABLE 1

1. Rechargeable batteries cannot be used with the Wireless SMART Siren.
2. Dependent on ambient temperature and frequency of activations.
3. Adjustable via MyCentsys Pro App.
4. Dependent on environmental obstacles and interference.
5. The D3 SMΔRT/SMΔRT+, D5 SMΔRT (PCA14013 range of controllers), and SDO4 SMΔRT are not supported.

3. Product Identification

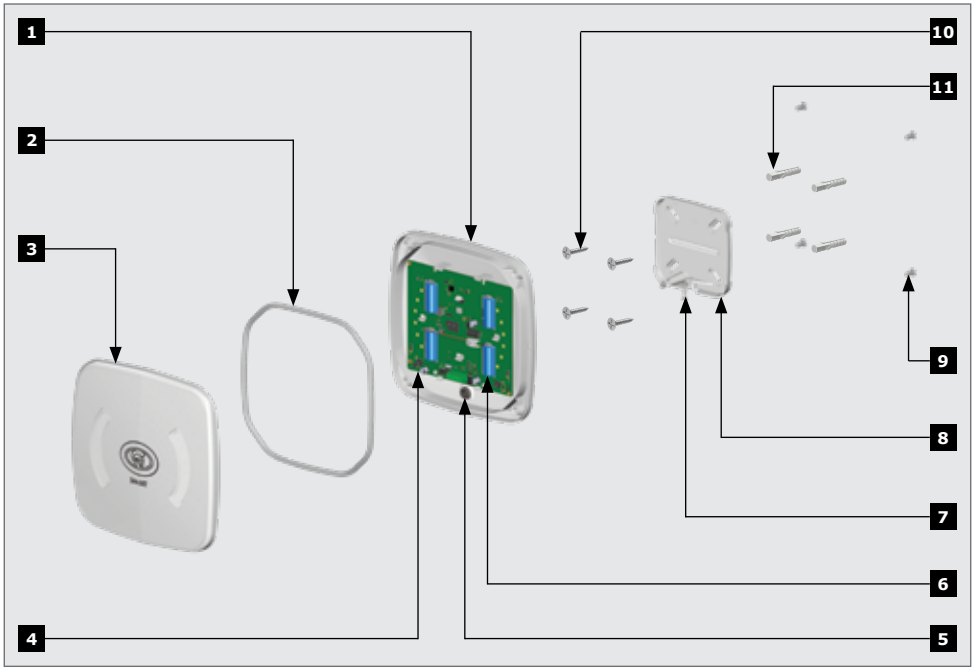


FIGURE 2

1. Back Cover
2. Seal
3. Front Cover
4. PC Board
5. Rubber Grommet
6. CR123A Battery (x4 Supplied)
7. Attachment Screw
8. Mounting Bracket
9. Housing Screw (x4 Supplied)
10. Self-tapping Screw (x4 Supplied)
11. Wall Plug (x4 Supplied)

4. Product Installation

4.1. Preparing for installation

Using a Phillips (Star) Screw Driver, unscrew the Attachment Screw a few millimeters. It is found underneath the Mounting Bracket at the back of the Housing.

The Attachment Screw does not need to be removed.

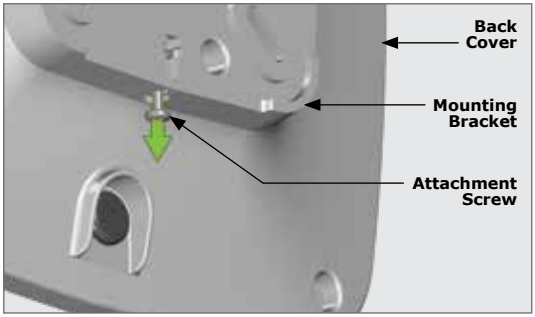


FIGURE 3

Using the Attachment Screw as leverage, tilt the Mounting Bracket away from the Back Cover of the **Wireless SMART Siren**, from the bottom upward.

The Mounting Bracket should clip off with an audible "Click".

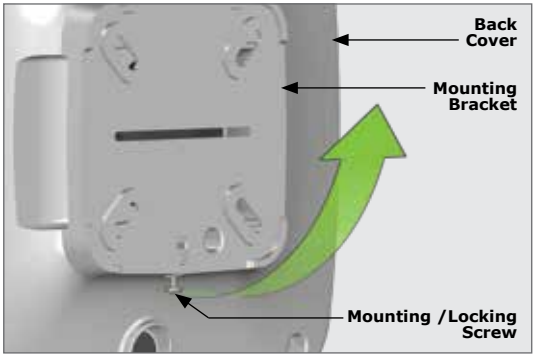


FIGURE 4

4.2. Removing the Front Cover

Using a Phillips (Star) Screw Driver, remove the four(4) 4x10mm Housing Screws to separate the Front Cover from the Back Cover.

Place the four(4) 4x10mm Housing Screws in a safe place with the front cover.

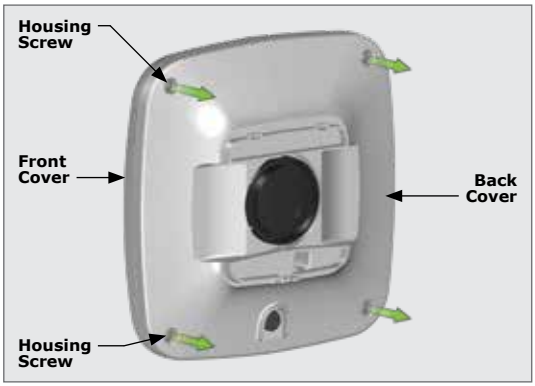


FIGURE 5

4.3. Installing the Applications

1. Tap or scan the hyperlinked QR Code or applicable App Store Icon in Figure 6.
2. Select the App Store applicable to the operating system being used, either Apple App Store, Android Google Play Store or the Huawei App Gallery.
3. Download and install the application(s).

Alternatively, go directly to the app store of the operating system being used, and search for the apps. "**MyCentsys Pro**", "**MyCentsys**" and/or "**MyCentsys Remote**".

Download and install the application onto the smartphone.



FIGURE 6

4.4. Adding Whitelist Operators to the Wireless SMART Siren

Open the MyCentsys or MyCentsys Pro app and connect to the Wireless SMART Siren. If prompted by the app, press the Authentication Button to proceed.

Complete the Wireless SMART Siren setup by following the Setup Wizard to whitelist operators.

If the Wireless SMART Siren has already been configured, additional operators can be whitelisted by navigating to the Whitelisting section in the app.

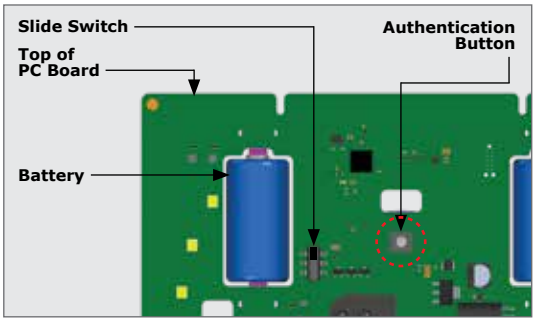


FIGURE 7

Tap "**Add**" to view nearby operators, select the operators to be whitelisted (up to a maximum of four), and tap "**Continue**".

Whitelisting must be done with the front cover off, unless you are an Admin User of the Wireless SMART Siren.

Use the Positioning Assistant to find the optimal mounting location for the **Wireless SMART Siren**.

4.5. Securing the Mounting Bracket onto the Wall

Use a Spirit Level to mark a horizontal line on the mounting surface. Use the Guide on the Mounting Bracket to ensure that the bracket is straight and then mark the positions of the Mounting holes.

Using a 6mm Masonry drill bit, drill the mounting holes. Insert the Wall Plugs and then secure the Mounting bracket to the wall using the Self Tapping Screws.

Note the orientation of the Mounting Bracket, marked by "**UP**".

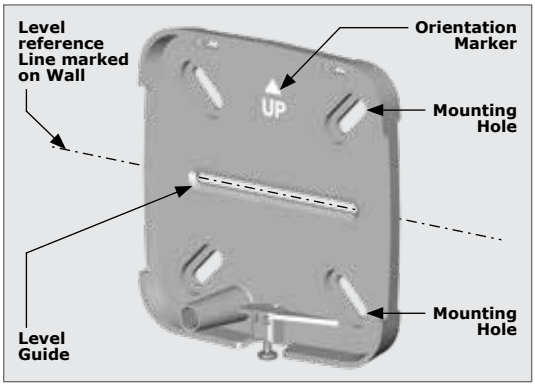


FIGURE 8

4.6. Wiring (Optional)

Although this is a wireless device, some sites may opt for an external power source, or to connect the **Wireless SMART Siren** to an existing security system.

If no wiring is required, proceed to **Section 5** - *"Finalising the Installation"*

Make a hole through the Black Rubber Grommet at the bottom of the Back Cover.

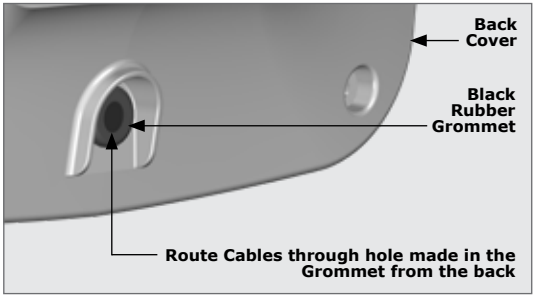


FIGURE 9

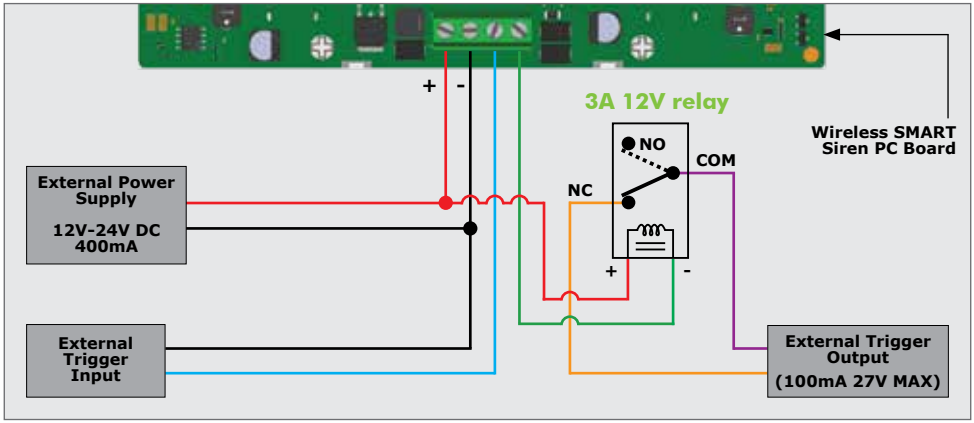


FIGURE 10

Route the cabling through the hole in the Grommet at the bottom of the Back Cover.

5. Finalising the Installation

Once Paired, and the configuration is completed, replace the front cover, and secure it back into position with the four(4) 4x10mm Housing Screws.

5.1. Attaching the Wireless SMART Siren to the Bracket

Align the lip of the **Wireless SMART Siren** with the inner-top edge of the Mounting Bracket and then clip the siren into place.

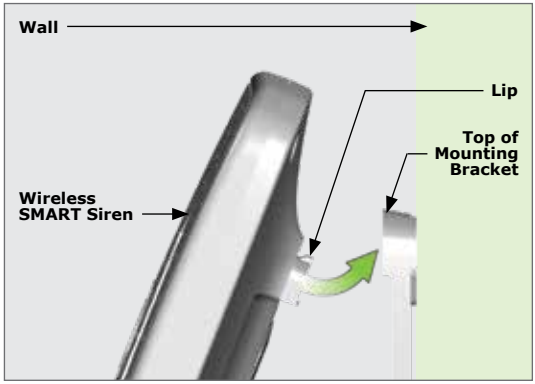


FIGURE 11

Using a Phillips (Star) Screw Driver, tighten the Attachment Screw underneath the Mounting Bracket at the Back of the Housing to secure the **Wireless SMART Siren** in place.

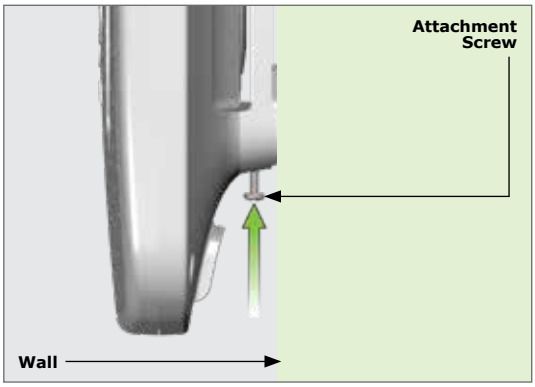


FIGURE 12

5.2. Operator Settings

Connect to the Operator(s) using the MyCentsys or MyCentsys Pro App and enable and arm the required Alarm(s)

Connect with us on:

International Customers	Australian Customers
@CenturionSystemsRSA	FAACTechnologiesAustralia
@Centurion.Systems	@faac_technologies_australia
@Centurion-Systems	FAACTechnologiesAustralia
@CenturionSystems	@FAACTechnologiesAustralia
@Centurion.Systems	
@AskCenturion	
@Centurion.Systems	
Centurion-Systems	

Subscribe to the newsletter:

www.centsys.com/subscribe

WhatsApp - Technical Support

South Africa:
+27 (0)83 650 4010

International:
+27 (0)83 650 4244

Monday to Friday:
from 08h00 to 16h30 (GMT+2)

Saturday:
from 08h00 to 14h00 (GMT+2)

Call:
1300 322 228 (FAAC Australia)

Email:
sales.au@faactechnologies.com

Technical Support Email:
technical.au@faactechnologies.com

E&OE Centurion Systems (Pty) Ltd reserves the right to change any product without prior notice
All product and brand names in this document that are accompanied by the ® symbol are registered trademarks in South Africa and/or other countries, in favour of Centurion Systems (Pty) Ltd, South Africa.

The CENTURION and CENTSYS logos, all product and brand names in this document that are accompanied by the TM symbol are trademarks of Centurion Systems (Pty) Ltd, in South Africa and other territories; all rights are reserved.
We invite you to contact us for further details.

Doc number: 1416.D.01.0001

www.centsys.com
www.centsys.com.au