

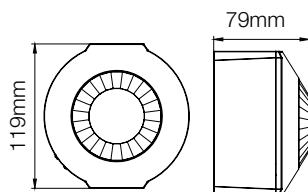
INSTALLATION INSTRUCTIONS

DECOSENSE APEX Surface-mount PIR Sensor LHT1252

Thank you for purchasing this Simx Lighting DECOSENSE APEX sensor. This product can be installed in exposed exterior and wet locations. It requires a 230V AC power supply to operate and should be installed by a registered electrician.

TECHNICAL SPECIFICATIONS

Power Source	220 - 240V ~ 50 Hz
Detection Range	Max 28 metres diameter, 360°
Time-on adjustment	5 secs - 90mins
Sensitivity Adjustment	High, Medium, Low
Manual Override	Yes, 8hr default
Standby Power	Max 0.5W
Maximum Switchable Load	2000W Incandescent (Resistive)
	300W LED (PF>0.9)
Parallel Connection	Unlimited
Protection Rating	IP65
Safety	Class II
Operating Temperature	-5°C to +40°C
Mounting Height	Surface Mount up to 20 m
Conduit Cut-out Guides	Ø16, Ø20, Ø25 mm
Warranty	3 Years



! IMPORTANT

This product is suitable for use only with a supply voltage of 220-240V AC 50Hz.

All electrical work must be carried out in accordance with local and national electrical codes as applicable. We strongly recommend that this sensor is installed by a registered electrician.

Always switch power off prior to installation. A means of mains power isolation must be installed in the circuit to allow safe access for any internal cleaning or maintenance.

This sensor is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Young children should be supervised to ensure that they do not play with the appliance.

Any changes or modifications made or attempted to this product, without the prior written approval of the manufacturer, will void any and all stated warranties.

BEFORE YOU START

Please read all the instructions prior to installation.

An internal switch should be installed to turn the power to the unit ON & OFF. This allows the sensor to be easily switched off when not required or for maintenance purposes.

To achieve the best results, consider the following:

Before selecting an installation location, note that movement across the detection zone is more effective than movement directly toward or away from the sensor.

Maximum detection diameter reduces according to the mounting height (Fig. 1).

To avoid false triggering, the sensor should be installed away from heat sources such as heaters, air conditioning units, flue vents etc. Maintain a minimum separation distance of 3.0 metres from Wi-Fi routers and CCTV cameras to prevent RF interference between devices.

Avoid locating above highly reflective surfaces such as smooth white walls, swimming pools, etc.

INSTALLATION

We strongly recommend that this sensor is installed by a registered electrician.

Switch off the power supply before commencing any electrical work.

The housing assembly is shown in Fig. 2.

Use the surface-mount base as a template for drilling the mounting and power cable holes.

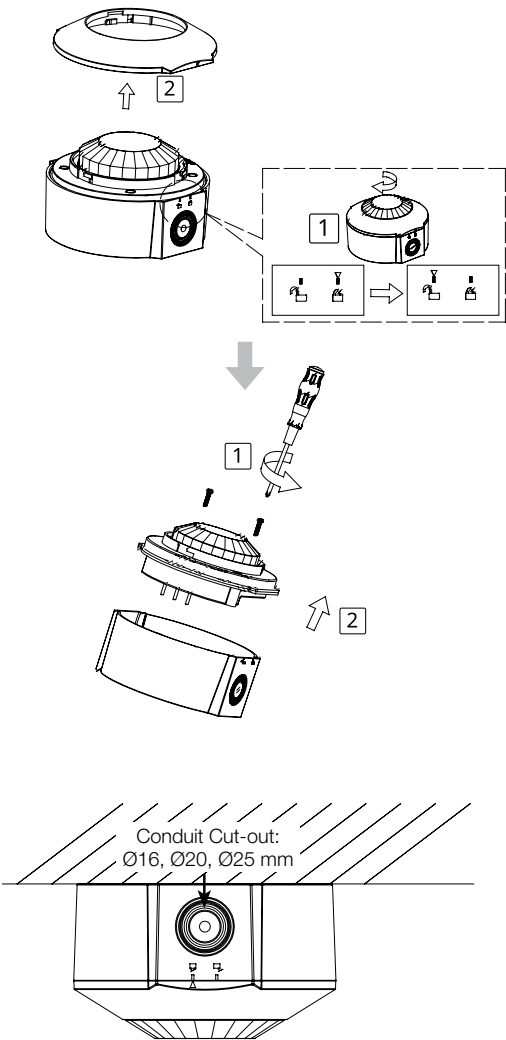
Care should be taken to avoid drilling or cutting into concealed electrical wiring or plumbing.

For conduit mounting, drill out the access point guides in the housing. Use appropriate installation practices to maintain the product IP65 rating.

Fig. 1 Detection Range According to Mounting Height

Mh	Detection Range
5m	Ø10m
10m	Ø18m
15m	Ø24m
20m	Ø28m

Fig. 2 Housing Assembly



WIRING

Standard connection

Connect the main supply cable to the terminal block in accordance with the diagram in Fig. 3.

Maximum cable size: 2.5mm².

Wire sensors in parallel when connecting multiple units on a single circuit. Switching capacity remains the same as for a single sensor.

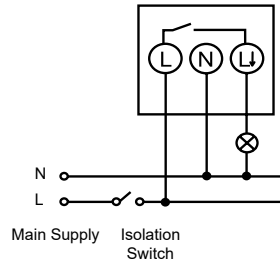
Reassemble the housing. Reconnect the power supply and test the circuit.

Factory default settings: 200 LUX, 20 mins switch off delay.

Modifying sensor settings is explained in the SmartLife App section.

Fig. 3

Electrical Termination



SMARTLIFE APP MANUAL



SmartLife



This manual will help you set up and configure the DECOSENSE APEX PIR Sensor using the SmartLife app.

The factory default settings are suitable for many applications. For commercial spaces such as warehouses, the app allows you to adjust the lux level, PIR sensitivity, PIR delay and other sensor settings to suit the site.

To begin, search for SmartLife in the Apple App Store or Google Play, or scan the QR code to download the SmartLife app.



USER ACCOUNTS

There are four ways to log in to the SmartLife app

Register an account

1. Tap **Log in with Password > Register** in the top right corner of the page to go to the **Register** page.
2. Enter a mobile phone number or email address.
3. Agree to the User Agreement, Privacy Policy, and Third-Party Information Sharing List, then tap **Get Verification Code**.
4. Enter the verification code sent to your mobile phone or email address.
5. Set a password, then tap **Done**.

Quick login

1. Open the SmartLife app.
2. The app may automatically detect the mobile phone number from the SIM card in your phone.
3. Tap **Quick Login** to log in using this number.

Log in with an existing account

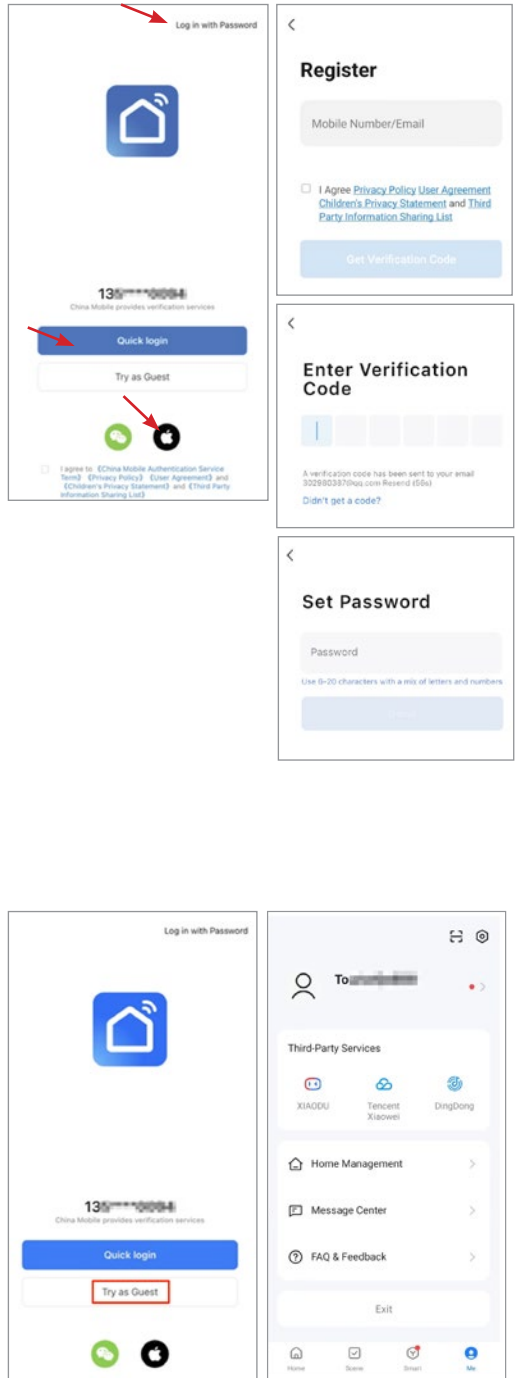
1. Open the SmartLife app.
2. If you have already registered an account, tap Log In.
3. Enter your registered mobile phone number or email address and password, then tap Log In.

Third-party account

On an iPhone, you can also log in using your Apple ID.

Try as guest

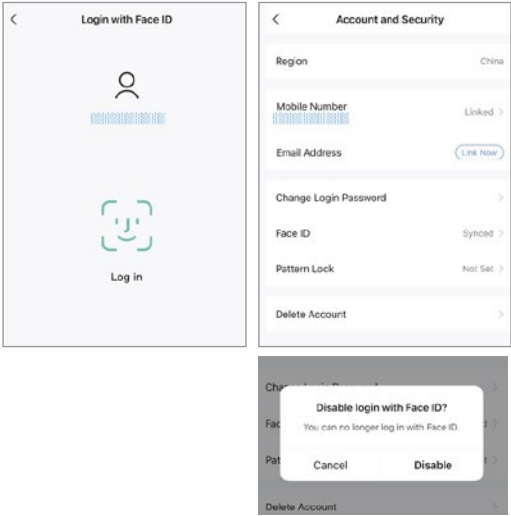
4. Open the app and tap **Try as Guest**.
5. A message will appear advising that some features, including cloud storage, third-party voice control and device sharing, are not available in trial mode.
6. Tap **Continue** to open the **Home** page.
7. Complete your account information to access all available app features.



Configure biometric login

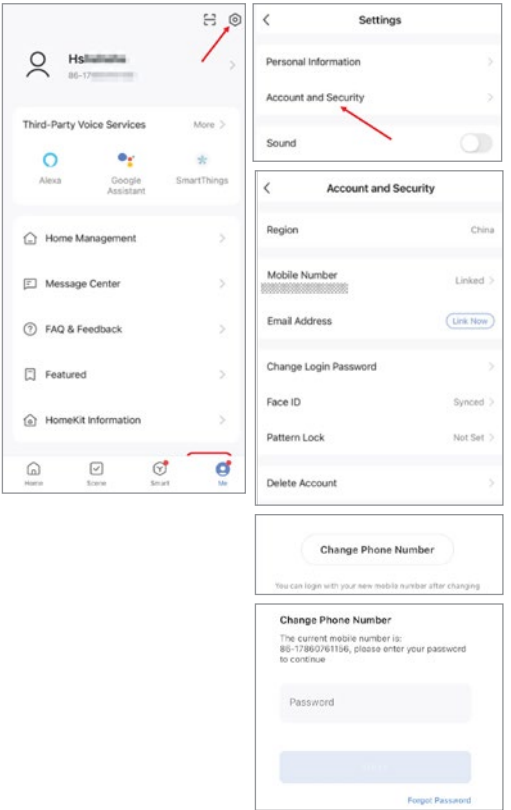
Biometric login makes signing in faster and more secure. On supported devices, the app can use Face ID or fingerprint login, so you do not need to enter your account details and password each time.

You can enable or disable biometric login from the **Account and Security** page.



Change account details

1. After logging in to the app, tap **Me**, then tap the **Settings** icon.
2. On the **Settings** page, tap **Account and Security**.
3. Tap **Mobile Number** to change the mobile phone number linked to the account, or tap **Email Address** to change the email address.
4. To change the mobile phone number, tap **Mobile Number > Change Phone Number**.
5. Enter your password, then tap **Next**.
6. On the **Bind Mobile Number** page, enter the new mobile phone number and tap **Get Verification Code**.
7. Enter the verification code sent to your phone.

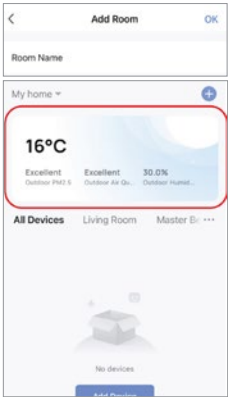
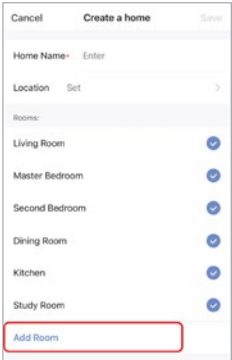
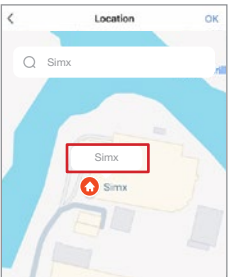
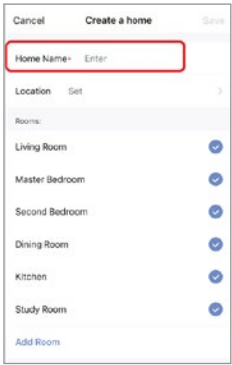
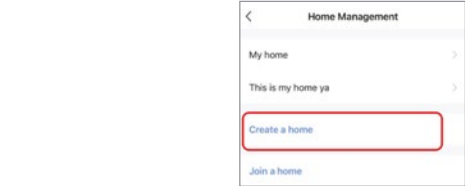
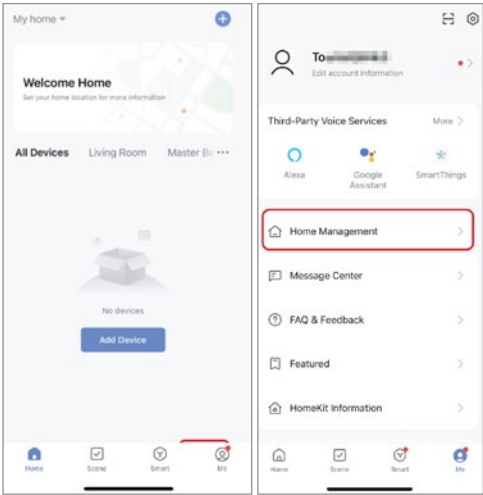


SETUP

Manage warehouses and users

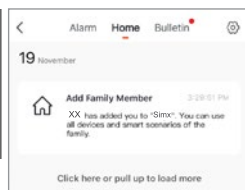
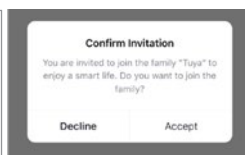
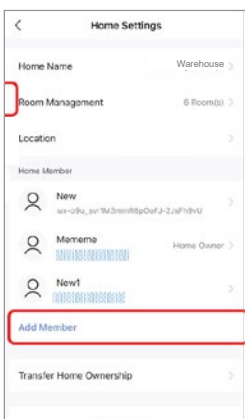
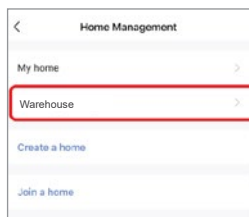
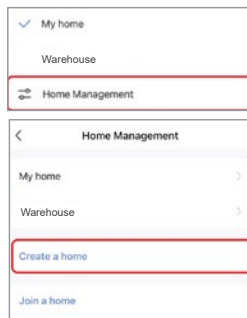
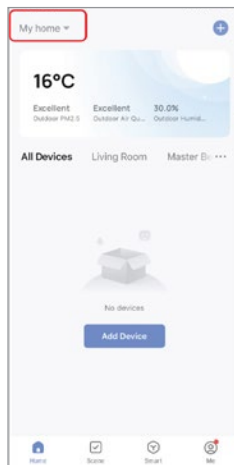
In the SmartLife app, a space or site is managed as a **Home**.

1. After logging in to the app as a new user, the **Home** page will appear. This is where connected devices are listed.
2. The user's avatar is shown in the top-left corner of the page. Before setup is completed, the **Home** page may not show weather, environment or room information.
3. In the bottom navigation bar, tap **Me > Home Management** to open the **Home Management** page.
4. To set up a 'warehouse', tap **Create a home**.
5. Enter a name for the warehouse in the **Home Name** field. A maximum of 25 characters is allowed.
6. Tap **Location**. On the **Location** page, check that the location is correct, then tap **OK** in the top-right corner. The location is based on your phone's location. You can also adjust the location manually using coordinates.
7. Select the required areas in the **Rooms** section. You can use the default room names in the app, or tap **Add Room** to create room names that suit the warehouse layout, such as Loading Bay, Aisle 1, Office, Dispatch or Storage. A maximum of 25 characters is allowed for each room name.
8. Once the warehouse information has been completed, return to the **Home** page. The app will show information such as weather, temperature and room names. Homes are independent of each other.
9. If more than one 'warehouse' or site has been added, tap the name in the top-left corner of the page to switch between sites.



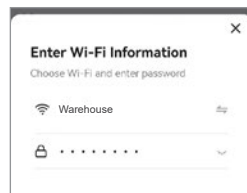
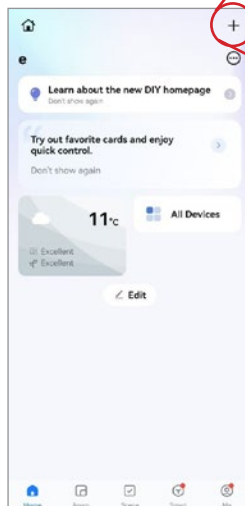
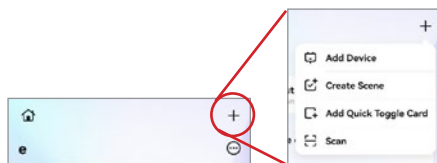
Manage multiple warehouses and users

- From the drop-down list, tap **Home Management** to manage warehouses, create a new warehouse or join an existing warehouse.
- One account can be used to control multiple warehouses. Devices in each warehouse are managed independently.
- To manage a warehouse, tap the warehouse name, then select **Home Management** from the drop-down list.
- On the **Home Management** page, tap the warehouse name to open **Home Settings**.
- Tap **Add Member** to invite another user to access the warehouse.
- If a user is invited to join a warehouse, they will receive a notification in the app. The invitation will also appear in the app's message centre.



ADD DEVICES

- Press and hold the switch on the sensor for more than 5 seconds to reset the sensor.
- Open the SmartLife app and tap **+**.
- Tap **Add Device**. The app will search for nearby sensors.
- Tap the sensor icon when it appears.
- Enter the Wi-Fi name and password, then tap **Done**.



FEATURES

Device Control Mode

PIR Auto Control:

The sensor output is controlled by PIR detection.

Manual Control:

The sensor output is controlled manually.

PIR Switch:

Turns PIR control on or off when the sensor is in PIR Auto Control mode.

Light Switch:

Shows the output status when the sensor is in PIR Auto Control mode. In Manual Control mode, this switch turns the connected load on or off.

PIR State:

Shows the PIR detection status.

PIR Sensitivity:

Adjusts the PIR sensitivity to High, Medium or Low.

CDS:

Adjusts the lux level from 20 to 1000 lux.

PIR Delay:

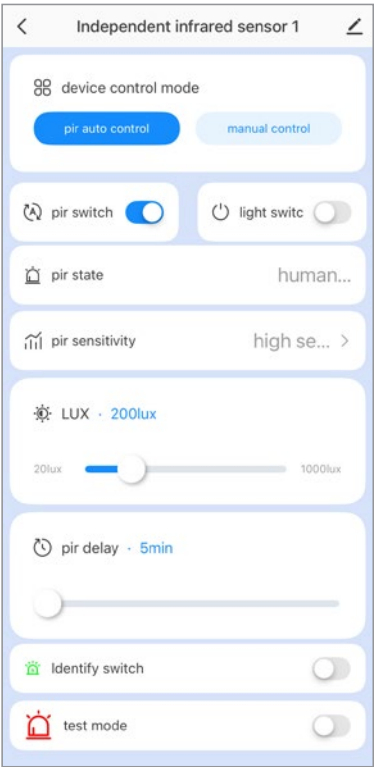
Adjusts the PIR delay from 5 seconds to 90 minutes.

Identify Switch:

Makes the sensor's red LED double flash so the sensor being configured can be identified.

Test Mode:

Allows the connected load to be switched on or off to test the output.



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Ph: +64 9 259 1660 | Technical Support Ph: +64 9 259 1662

e: sales@simx.co.nz | www.simx.co.nz

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PRODUCT COMPLIANCE

This product complies with all applicable standards for construction, electrical safety and EMC/RFI suppression.

MANUFACTURER'S EXTENDED WARRANTY

This product is guaranteed by SIMX Ltd for 36 MONTHS from the date of purchase against faulty materials or workmanship which affects its designed ability to detect or switch. During this period if the product has a defect of this nature it will be repaired or replaced free of charge by SIMX with the same item, or a similar one of higher specification. ON CONDITION THAT:

The buyer returns it to the seller from whom it was bought, freight paid.

The product has been bought by the user i.e. a receipt/sales invoice is produced as proof of purchase.

The product has not been misused or handled carelessly, installed in any way contrary to the installation instructions, or installed in any unusually exposed or harsh environmental conditions.

This guarantee excludes liability for discolouration or fading of plastic.

This product does not have any user-replaceable parts.

It does not confer any rights other than those expressly set out above and does not cover any claims for consequential loss or damage.

Our Goods come with guarantees that cannot be excluded under New Zealand Consumer Law.

You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the Goods repaired or replaced if the Goods fail to be of acceptable quality and the failure does not amount to a major failure.



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