

SHARP

SHARP CORPORATION

www.sharpsmarthome.com

All rights reserved.

SHARP

MODEL

YL-SU100M

YZ-AL100M

YZ-VC100M

SmartHome Security Kit



■ Operation Manual

Notice

Package Contents

Reference

Setup Guide

App Feature Guide

Add-on Device

- It should be clear in advance that our company is not liable for any damage to the customer or a third party due to the improper use of the product, product failure, malfunction or mismatch.
- It should be clear in advance that our company is not liable for any damage caused by the disappearance/change of recorded data in this product due to failure or repair.
- Please note that this product, after dismantling/reconstruction, is not covered by the warranty.
- Broadband connection using wifi router and working smartphone with data plan is required.
- Please make sure that the safety instructions are followed.

- Please use the DC adapter that comes with the package. Be sure to avoid the following acts: power circuit, throwing this product into the fire or water, or dismantling/transforming this product.
- Do not throw the batteries into the fire, as it may cause the batteries to rupture or catch fire.
- Do not let the children put this product into their mouth, as it may cause choking.



- Please unplug the DC adapter immediately when it has water inside, otherwise a fire, electric shock and malfunction may occur.
- Do not get this product heated when the power cord of the DC adapter is damaged or it is carrying a heavy object, otherwise a fire, electric shock and malfunction may occur.
- Do not use the DC adapter of this product with a patch panel, otherwise the power board may be overheated and deteriorate and cause a fire.
- Please unplug the DC adapter immediately once you smell smoke or a burnt odor coming from the product, otherwise a fire or electric shock may occur.
- Do not insert things like metal products into the outside connection terminal of this product. Please unplug the DC adapter of this product when foreign things get in it, otherwise a fire, electric shock and malfunction may occur. Special attention should be given to families with children at home.
- Please unplug the DC adapter immediately when this product is under intense shock or damage, otherwise a fire, electric shock and malfunction may occur.



- Do not operate this product with wet hands; otherwise an electric shock may occur.
- This product is designed as a general household machine. Do not use it for medical machines directly related to life or systems that are highly relied upon.
- Fix this product firmly on the wall. The loosening of screws and falling down of this product due to incorrect installation may cause personal injury or product damage.
- Do not install this product inside hospitals and other places where wireless machines are restricted, as it may have an impact on electronic equipment and medical machines, which may cause accidents.
- Please unplug the DC adapter of this product when this product has an impact on automobiles, helicopters, automatic doors and other automatically controlled electronic equipment, otherwise it may pose a threat to safety and operation.
- Do not install or store this product in the bathroom, humidifier or other damp places, otherwise a fire, electric shock and malfunction may occur.

- Do not install, store or place this product in places under direct sunlight, near heated machines like stoves or heaters, or in the car on a summer day with a high temperature, otherwise it may cause deformation or malfunction of the machine. In addition, some heated parts of this product may make people scalded, and the high temperature inside this product may cause a fire.
- Please unplug the DC adapter when this product is not in use and keep it in 0 ~ 40 °C environment.

- For the safe and correct use of this product, please do not use it in the following places:
 - Places where there is vibration
 - Places filled with gasified drugs or accessible to drugs
 - Near microwave or other devices, radios, televisions that have a strong magnetic field
- It may cause radio interference, screen clutter or noise to use this product near the television, radio and wireless phones. Please take this product far away from the interrupted machine when there is communication interference in the use of this product.
- Do not use this product in a sealed box or other confined places, as this may cause the increase of heat of the product.



(A) OPU
(OverCloud Processing Unit) x1



(B) OPU Power Adapter x1



(C) Ethernet Cable x1



(D) 16GB USB
Flash Drive x1



(E) HD IP Camera x2



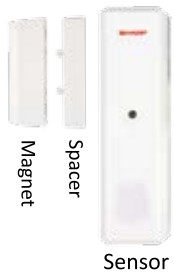
(F) IP Camera
Power Adapter x2



Mounting Screws &
Screw Anchors



Drill Template x2



(G) Door/Window Sensor x2
Spacer & Magnet x2



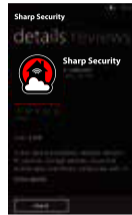
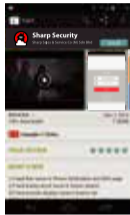
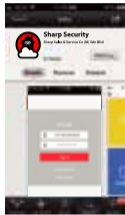
Battery x2
Double-sided Tapes



(H) Remote Control x1
(Battery Pre-installed)

ITEM	BATTERY REPLACEMENT TYPE
Motion Sensor (PIR)	CR123A 3V Battery x 1pc
Door/Window Sensor	CR123A 3V Battery x 1pc
Panic Button	CR2032 3V Battery x 1pc
Remote Control	CR2032 3V Battery x 1pc
Siren	"AAA" Alkaline battery x 3pcs *Battery not included in set.

ITEM	WIFI RANGE / RF RANGE / MOTION RANGE
Motion Sensor (PIR)	RF Signal: Up to 40 Meters (130 feet) / Detection Distance: Up to 120-degree, 10-40 feet
Door/Window Sensor	RF Signal: Up to 40 Meters (130 feet)
Panic Button	RF Signal: Up to 40 Meters (130 feet)
Remote control	RF Signal: Up to 40 Meters (130 feet)
OPU	WIFI Range: Up to 30 Meters (100 feet) / RF Signal: Up to 40 Meters (130 feet)
HD IP CAMERA	WIFI Range: Indoor 50 Meters* (160 feet) / Outdoor 50 Meters* (160 feet) *Depends on the installation environment.
Siren	RF Signal: Up to 40 Meters (130 feet)



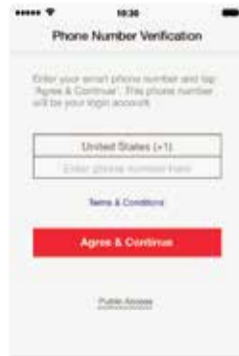
- **Download the Sharp Security App**

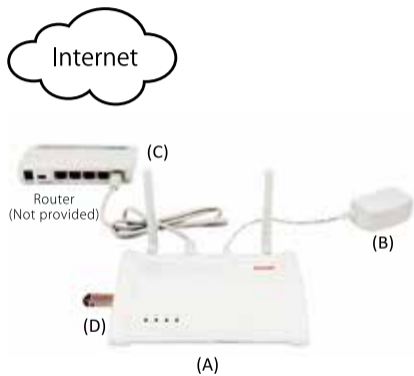
Android: Open Google Play Store. Search for "Sharp Security" and install the application.

iPhone: Open App Store. Search for "Sharp Security" and install the application.

- **Set up an account with your smartphone**

Launch the "Sharp Security" application. Follow the instructions on the application page to activate your account using your phone number.



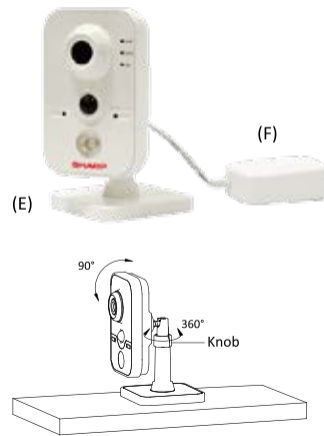


- **Assemble the OPU station and connect to a DHCP-enabled router**


Assemble the system according to the provided picture. It is recommended that the OPU be placed on a 1-1.5m high platform.

Note: Once the OPU is up and running, to establish proper connection to it, power up the remaining devices within 1.5m of the OPU. When connection is established and working, the devices can be moved to their desired locations.

*All devices must be connected with the OPU within 30m range.



- **Power up the HD IP Camera**

- Plug the IP Camera into an outlet within 1.5m from OPU to establish connection. Once connection is established and working, the IP Camera can be moved to its desired location.
- To adjust the camera image to be upside-down
 - Tap on "Video"
 - Select "Single Video Mode"
 - Select Image Setting button 
 - Select "Flip Camera View"

Note: The camera can be mounted after the initial activation. Drill the screw holes according to the drill template. Install the fixed plate to the ceiling with the supplied screws. Install the mounting base to the fixed plate. Install the camera to the bracket. After adjusting the angle of the camera to the desired position, fasten the knob.

**Please refer to "HD IP Camera Feature Overview" for more details.



• Start devices activation on the app

Follow the App instructions to scan QR code located on the OPU. (Activation process takes approximately 2 minutes.)

Note: When the activation process cannot be completed normally, the App will ask you to scan the OPU's QR code, located on the back of the OPU, to continue.

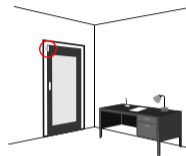


Sample of QR Code



H

0.6 cm Max



Mount Door Sensor



(G) Door/Window Sensor
Battery Installation



Mount Window Sensor

• Place the Door/Window Sensor

Door/Window sensor installation steps (Each door/window sensor consists of two pieces);

- Take the larger piece and with slight force, push the small tab on the back plate outward and slide the back plate upward.
- Remove the back plate and insert a battery into each Door/Window Sensor set.
- Apply the double-sided tape to each piece.

It is recommended that the Door/Window Sensor be mounted should be in a vertical/upright position.

Note: For the Door/Window Sensor, it does not matter which piece you place on the frame and which piece you place on the moving part. To create proper contact,

- Ensure the tops of the two pieces line up.
- The Spacer to be used where the smaller piece needs to be elevated to the larger piece to ensure proper contact.

*Devices that using batteries such as PIR Motion sensor, Door/window contact sensor will notify users when the battery power is low.



- **Activation completed**

When you see the "System is ready!" message, your system is ready for use.

Note:Your IP Camera status will be updated after 10 minutes.

Congratulations!
You have successfully installed the Sharp Security System!



- **Arm/Disarm the system**

Remote control is used to arm and disarm the system or to trigger the emergency alarm by pressing the Arm button for 3 seconds.


Users also can use the App to arm/disarm the system.

* For remote control and panic button battery, user should check the battery status every 2-3 months to ensure the battery is in good condition.

(H)




The main menu displays four options: Video, VideoGram, Automation, and Armed/Disarmed.

The Sidebar Menu button  in the upper left corner will display the Sidebar Menu.


Note:


- When logged in via multiple smart devices, only the registered device will receive push notifications.
- The screenshots are from the iOS version of our App. If you are using the Android version of our App, there may be slight differences in the interface.

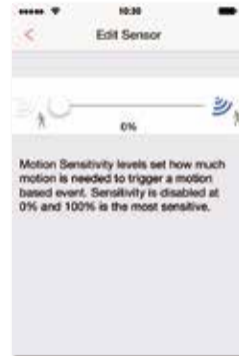



You can manage various aspects of your system in the Sidebar Menu , from changing the name of a device to adding Authorized Users and Emergency Contacts, as well as viewing a history of the OPU notifications.



- To rename the device,
- Tap on "Device Management"
 - Select device that need to be edit
 - Tap on the "Display Name"
 - Tap on Save button  after finish editing

- To add device,
- Press the Add button 
 - Select "Category" of the device that you want to add
 - i) New OPU
 - ii) IP Camera
 - iii) Sensor



- Motion detection feature of the camera is turned off by default. To enable,
- Tap on the "IP CAMERA" under the Device Management category
 - Tap on "Motion Sensitivity"
 - Slide the sensitivity bar to the desired level of motion detection
 - Tap Back button  when finished



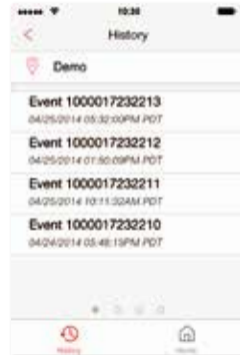
Authorized/Family Users are able to view your IP camera(s). Emergency Contacts will only receive text message alerts in case of a triggered event without any timely response.

To add Authorized/Family Users or Emergency Contacts,

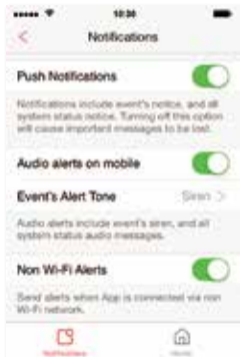
- Tap on "Authorized/Family Users" or "Emergency Contacts"
- Tap on Add button 
- Once finish added, tap the 

To edit information about an Authorized/Family User or Emergency Contact,

- Tap on the Name and Edit
- Once finish edit, tap the 



Select History to see a history log of notifications of the OPU.



Under Notifications, you can change the types of notifications you want to receive on your phone/tablet. You can also turn the audio siren alert on your smart device on/off. You can even change the event's alert tone.

Non Wi-Fi Alerts allow you to be prompted upon launching the App if you are using any non Wi-Fi internet connections.



Under Video, you will see all the IP cameras that you have access to. You can swipe the screen to view and see additional cameras at other locations. You can zoom into any of the camera by tapping on the screen. Under single camera view you will see six options:









Image Setting , **Audio** , **Mic** , **Automation** , **Record** , and **Call** .





Image Setting  allows you to flip the image.

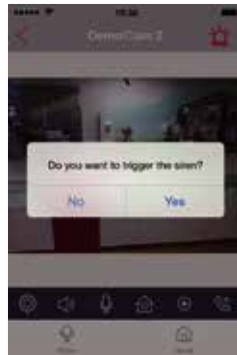
Audio  enable you to listen to the surrounding sound.

Mic  enable you to speak to the event surrounding.

Automation  able to On/Off any devices connected to the system.

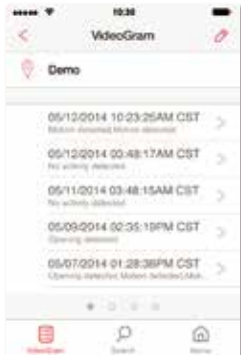
Record  will record up to 30-seconds of video and save it to your device's photo album.

Call  direct access to your emergency contacts.



The **Siren Activation Button**  gives you the ability to set off the siren remotely on demand.

The landscape viewing feature allows you to switch between a horizontal view and a vertical view by rotating the smartphone or tablet.



Under Video Gram, you can view the history of all events. To search an event,


- Tap "Search"
- Set the "Starts" and "Ends" date
- Once done, tap Submit button

Note: Each VideoGram duration is recorded for 30 seconds.



Tapping on any single event will bring you to a "Details" page showing more information and the recorded videos for that event.



To view a video, simply tap the camera or snapshot. You will be directed to that camera's page where you can play the video. To share the snapshot or video, press the Share button .



Under Armed/Disarmed, you can set the status of your system. The Stay Mode deactivates the motion sensor(s), allowing you to move around inside the house while keeping door and window sensors activated.



To edit the Stay Mode Profile,

- Tap Profile button 
- Then, tap "Stay Mode Profile"

1

Alarm Triggered

Alarm is triggered by motion, door or window sensors.

2

Primary Notifications Sent

Owner and Authorized/Family Users receive one push notification. Owner receives an email with one snapshot per camera attached.

* Siren will go off for 1 minute if Owner or Authorized/Family Users do not Disarm the system.

3

Emergency Contacts Notified

If no action is taken by Owner or Authorized / Family Users within 5 minutes of the notifications, Emergency Contacts will receive one text message per event.

Note:

Once an event has been triggered, a 3-minute countdown is initiated to prevent redundant event notifications. If there is any event/activity within this period, the countdown will start over. The next recorded event will occur upon the end of the countdown.

Add-on Devices

Add-on HD IP CAMERA Kit / **Model Name: YZ- VC100M**

To expand your system with more cameras and sensors, you may purchase any of the add-on packages from Sharp.



HD IP Camera x2

Add-on Devices

Add-on Alarm Kit / **Model Name: YZ- AL100M**

To expand your system with more alarm features, you may purchase any of the add-on packages from Sharp.



Door/Window
Sensor x2



Remote Control x1



Siren x1





Motion Sensor x1



Panic Button x1



SHARP | Adding A Device


- 1 Tap on the Sidebar Menu button  and select "Device Management".
- 2 Press the Add button  next to "Device Management".

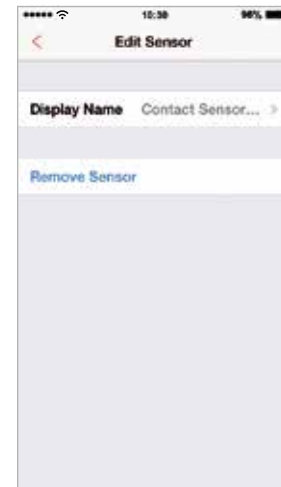
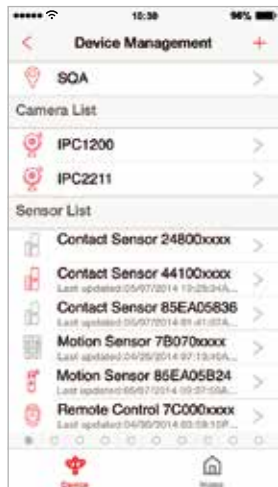
- 3 Select device category.

*Note: Select "IP Camera" if you want to add an IP Camera; select "Sensor" if you want to add a sensor.

- 4 Follow the App instructions to scan QR code located on the device.

*Note: If the scan is incomplete, you will be asked to enter the Serial Number (SN) of the device.


- 5 To rename the device,
 - Tap on "Device Management"
 - Select device that need to be edit
 - Tap on the "Display Name"
 - Tap on Save button  after finish editing.

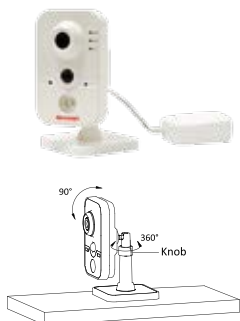




HD IP Camera

Power up the IP Camera

- Plug the IP Camera into an outlet within 1.5m from OPU to establish connection. Once connection is established and working, the IP Camera can be moved to its desired location.
- To adjust the camera image to be upside-down
 - Tap on "Video"
 - Select "Single Video Mode"
 - Select image setting button 
 - Select "Flip Camera View"



- Note: The camera can be mounted after the initial activation. Below are the steps
- Drill the screw holes according to the drill template
 - Install the fixed plate to the ceiling with the supplied screws
 - Install the mounting base to the fixed plate
 - Install the camera to the bracket
 - Adjust the angle of the camera to the desired position
 - Fasten the knob

Door / Window Sensor

Place the Door/Window Sensor

- Door/Window sensor installation steps: (Each door/window sensor consists of two pieces.)
- Take the larger piece and with slight force, push the small tab on the back plate outward and slide the back plate upward.
 - Remove the back plate and insert a battery into each Door/Window Sensor set.
 - Apply the double-sided tape to each piece.

It is recommended that the Door/Window Sensor be mounted should be in a vertical/upright position.



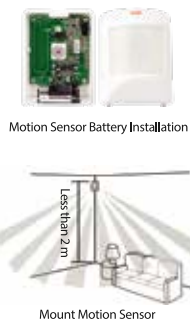
- Note: For the Door/Window Sensor, it does not matter which piece you place on the frame and which piece you place on the moving part. To create proper contact,
- Ensure the tops of the two pieces line up.
 - The spacer to be used where the smaller piece needs to be elevated to the larger piece to ensure proper contact.

* Devices that using batteries such as PIR Motion sensor, Door/window contact sensor will notify users when the battery power is low.

Motion Sensor

Place the Motion Sensor

- PIR Motion sensor installation steps:
- Lift the top tab to remove the cover and install the battery into the Motion Sensor.
 - The sensor should be placed in the corner of the room that needs to be monitored (not more than 2m distance from the ground).
 - Motion sensor is recommended to be placed in critical areas such as hallways and entry points where intruders will most likely pass through.



- Note: Once Motion sensor alarms, it will start to count 3 minutes, and count over again if any movement detected in this period. The next alarm will be triggered only when no movement is detected within 3minutes.

Siren

Power up the Siren

- Siren Installation steps:
- Plug the Siren into an outlet within 1.5m from the OPU to establish connection.
 - Once connection is established and working, the Siren can be moved to its desired location.



Remote Control

Arm/Disarm the System

- Remote control
- Used to arm and disarm the system
 - Trigger the emergency alarm by pressing the Arm button for 6 seconds



Panic Button

Trigger Emergency Alarm

- Trigger the emergency alarm by pressing the Panic Button.

