Product Introduction:
SH206+ is a Security plus Power Saving Solution with Sapido APP. There are five different scenarios to make your system more ease to use. Use your iPhone/iPad to long-end control your home wherever you are. Better secure with IP Camera and Security Alarm. Manage your electronic appliances and do the power saving. Let Sapido do more for you, make your life easier and smarter.
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   1.1 LED guide-light indicator

   (1) Home Gateway (ZGA201)

<table>
<thead>
<tr>
<th>Guide-light</th>
<th>Light Color</th>
<th>Status Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power</strong></td>
<td><strong>Green</strong></td>
<td>Router Connected Properly</td>
</tr>
<tr>
<td>Wireless Status</td>
<td><strong>Orange</strong></td>
<td>2.4G Wi-Fi signal normal</td>
</tr>
<tr>
<td></td>
<td><strong>Blue</strong></td>
<td>5G Wi-Fi signal normal</td>
</tr>
<tr>
<td><strong>WAN</strong></td>
<td><strong>Green</strong></td>
<td>10/100Mbps Wireless network is connected properly</td>
</tr>
<tr>
<td></td>
<td><strong>Orange</strong></td>
<td>10/100/1000Mbps Wireless network is connected properly</td>
</tr>
<tr>
<td><strong>LAN</strong></td>
<td><strong>Green</strong></td>
<td>Wireless network is connected properly</td>
</tr>
<tr>
<td></td>
<td><strong>Orange</strong></td>
<td>10/100/1000Mbps Wireless network is connected properly</td>
</tr>
<tr>
<td>WPS Status</td>
<td><strong>Green</strong></td>
<td>Router Connected Properly</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Wi-Fi signal extending Router Resetting</td>
</tr>
</tbody>
</table>
(2) Security Alarm (ZAL211)

<table>
<thead>
<tr>
<th>Guide-light</th>
<th>Light Color</th>
<th>Status Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Power" /></td>
<td><strong>Green</strong></td>
<td>Alarm in properly</td>
</tr>
<tr>
<td><img src="image2" alt="Alarm" /></td>
<td><strong>Red</strong></td>
<td>Alarm is triggered</td>
</tr>
<tr>
<td><img src="image3" alt="Status" /></td>
<td><strong>Red</strong></td>
<td>Zigbee off line</td>
</tr>
<tr>
<td><img src="image4" alt="Orange" /></td>
<td></td>
<td>Resetting</td>
</tr>
<tr>
<td><img src="image5" alt="ZigBee LED" /></td>
<td><strong>Green</strong></td>
<td>Steady: Security system working properly</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flashing: Zigbee connecting</td>
</tr>
</tbody>
</table>
(3) Cloud Motion Sensor (MDKA0z) and Cloud Door & Window Sensor (DDLA0z)

<table>
<thead>
<tr>
<th>Product</th>
<th>Guide-light</th>
<th>Light Color</th>
<th>Status Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDLA0z</td>
<td>ZigBee</td>
<td>Red</td>
<td>Connecting with ZAL211</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Green</td>
<td>Connected with ZAL211 successfully</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Orange</td>
<td>Low Battery</td>
</tr>
<tr>
<td>MDKA0z</td>
<td>ZigBee</td>
<td>Red</td>
<td>Connecting with ZAL211</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Green</td>
<td>Connected with ZAL211 successfully</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Orange</td>
<td>Low Battery</td>
</tr>
</tbody>
</table>
(4) Smart Cloud Night Vision Camera with Audio Wireless Router (IPJC2n)

<table>
<thead>
<tr>
<th>Guide-light</th>
<th>Light Color</th>
<th>Status Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>Green</td>
<td>Camera is working properly</td>
</tr>
<tr>
<td>WAN</td>
<td>Green</td>
<td>Wireless network is connected properly</td>
</tr>
<tr>
<td>LAN</td>
<td>Green</td>
<td>Wireless network is connected properly</td>
</tr>
<tr>
<td>Wireless Status</td>
<td>Green</td>
<td>Wi-Fi signal normal</td>
</tr>
<tr>
<td>WPS Status</td>
<td>Orange</td>
<td>Wi-Fi signal extending</td>
</tr>
<tr>
<td></td>
<td>Green</td>
<td>Wi-Fi signal extended successfully</td>
</tr>
</tbody>
</table>
(5) Smart Cloud Control Insight Switch Wireless Router (WSG70n)

<table>
<thead>
<tr>
<th>Guide-light</th>
<th>Light Color</th>
<th>Status Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAN/LAN</td>
<td>Orange</td>
<td>Power on is being applied on the device. After 30 seconds, the LED light will be green.</td>
</tr>
<tr>
<td></td>
<td>Green</td>
<td>Wireless network is connected properly</td>
</tr>
<tr>
<td>Manual Button</td>
<td>Green</td>
<td>Power ON</td>
</tr>
<tr>
<td></td>
<td>No Light</td>
<td>Power OFF</td>
</tr>
<tr>
<td>Wireless Status</td>
<td>Green</td>
<td>Wi-Fi signal normal</td>
</tr>
<tr>
<td>WPS Status</td>
<td>Orange</td>
<td>Wi-Fi signal extending</td>
</tr>
<tr>
<td></td>
<td>Green</td>
<td>Wi-Fi signal extended successfully</td>
</tr>
</tbody>
</table>
1.2 Hardware Instruction
(1) Home Gateway (ZGA201)

<table>
<thead>
<tr>
<th>Button and Port</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WAN</strong></td>
<td>Connect to xDSL/Fiber, Static IP, Dynamic IP, PPTP, L2TP, Wi-Fi ISP AP, WiFi-AP</td>
</tr>
</tbody>
</table>
| **LAN**         | * Connecting to on-line equipment, such as personal PC, web-cam, printer server, etc.  
                  * If more LAN ports are needed, please apply Switch/Hub for extension |
| Power ON/OFF    | Power ON/OFF         |
| USB            | USB Port             |
| Power          | Transformer Connected (In-Package) |
| **RESET REBOOT** | * Press over 10 seconds to factory default settings(like your Wi-Fi password)  
                  * Press about 3 seconds, the device will be rebooted |
(2) Security Alarm (ZAL211)

<table>
<thead>
<tr>
<th>Button and Port</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mute Alarm Button</td>
<td></td>
</tr>
<tr>
<td>ZigBee Button</td>
<td>ZigBee signal extending</td>
</tr>
<tr>
<td></td>
<td>● Press over 10 seconds to factory default settings(like your Wi-Fi password)</td>
</tr>
<tr>
<td></td>
<td>● Press about 3 seconds, the device will be rebooted</td>
</tr>
</tbody>
</table>

- **Mute Alarm Button**
- **ZigBee Button**
- **Reset/Reboot Button**
(3) Cloud Motion Sensor (MDKA0z) and Cloud Door & Window Sensor (DDLA0z)

<table>
<thead>
<tr>
<th>Product</th>
<th>Button and Port</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDLA0z</td>
<td>Power Button</td>
<td>ON: Power On</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OFF: Power Off</td>
</tr>
<tr>
<td></td>
<td>ZigBee LED</td>
<td>ZigBee signal connecting</td>
</tr>
<tr>
<td>MDKA0z</td>
<td>Power Button</td>
<td>ON: Power On</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OFF: Power Off</td>
</tr>
<tr>
<td></td>
<td>ZigBee LED</td>
<td>ZigBee signal connecting</td>
</tr>
</tbody>
</table>
(4) Smart Cloud Night Vision Camera with Audio Wireless Router (IPJC2n)

<table>
<thead>
<tr>
<th>Button and Port</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WAN</strong></td>
<td>Connect to xDSL/Fiber, Static IP, Dynamic IP, PPTP, L2TP, Wi-Fi ISP AP, WiFi-AP</td>
</tr>
</tbody>
</table>
| **LAN**               | * Connecting to on-line equipment, such as personal PC, web-cam, printer server, etc.  
* If more LAN ports are needed, please apply Switch/Hub for extension                           |
| **USB**               | Connectable                                                                                                                                          |
| Micro USB Power Port  | Please connect with Sapido adapter.                                                                                                                  |
| Volume (+ -)          | Adjust the volume of speaker                                                                                                                        |
| **REBOOT**            | * Press over 10 seconds to factory default settings(like your Wi-Fi password)  
* Press about 3 seconds, the device will be rebooted                                           |
<table>
<thead>
<tr>
<th>Button and Port</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAN/LAN</td>
<td>Connect to xDSL/Fiber, Static IP, Dynamic IP, PPTP, L2TP, Wi-Fi ISP AP, WiFi-AP</td>
</tr>
<tr>
<td>Power Outlet</td>
<td>Power supply 100V-240V</td>
</tr>
<tr>
<td>Manual Button</td>
<td>Switch power ON/OFF</td>
</tr>
<tr>
<td><strong>RESET</strong></td>
<td>* Press over 10 seconds to factory default settings(your Wi-Fi password)</td>
</tr>
<tr>
<td><strong>REBOOT</strong></td>
<td>* Press about 3 seconds, the device will be rebooted</td>
</tr>
</tbody>
</table>
1.3 Hardware Installation

Set up the antennas of both Home Gateway (ZGA201) and IP Cam (IPJC2n), then power on the Smart Switch (WSG70n), Security Alarm (ZAL211), and install batteries of the Door and Window Sensor (DDLA0z), start up the Motion Sensor (MDKA0z). To use the security system, you have to download Sapido APP first. Please follow the steps below:

**Step 1. Install both Antenna on Home Gateway (ZGA201).**

**Step 2. Connect the Ethernet cable to ZGA201 WAN port.**

**Step 3. Press the white button to start up.**

**Step 4. Wait for 30 seconds and both ( succesfully.**

Home Gateway (ZGA201) is the main router of your SH206+, which with two different Antennas (one is supported 9dbi, the other one is supported 7dbi) to remain the quality of WiFi transmission function.
Step 5. Install Antenna on IP Cam (IPJC2n).

Step 6. Power on, turns red and blink to boot.

Step 7. Wait for 30 seconds, and all will turn green means start-up was successfully.
Step 8. Plug-in WSG70n. Wait for 30 seconds to start up. When Wireless/WPS light turns to green, which means the start-up was successful.

Step 9. Plug in with the non-electronic control type of household appliances like below:

*One Switch for one electric appliance only. No extension cord recommend in order to avoid heavy electric tension.
Step 10. Plug-in ZAL211. When lighting red, which means it is under start-up. After ZigBee LED and Power LED lighting green, which means start-up successful. Security Alarm(ZAL211) will be triggered if someone open the window/door, giving the notice for your safety.

Step 11. Please open the lid of the Cloud Door & Window Sensor (DDLA0z), and insert 2 x AAA batteries.
Step 12. Please tear the double-sided tape and paste on the back of Cloud Door & Window Sensor (DDLA0z). Then paste the DDLA0z one part on the frame of Window, and the other part on the Window. The interval of both parts is no longer than 1 cm. (You can also fasten the DDLA0z by the attached fasteners.) Turn on the power. When the ZigBee light is blinking, which means the DDLA0z is mapping with Home Gateway(ZGA201). Once the Window is opened, the alarm will start to have the alert sound.

Step 13. Please open the lid of the Cloud Motion Sensor (MDKA0z) and insert 2 x AAA batteries. Before close the lid, switch the power to ON.

Step 14. After fastening the MDKA0z on the hallway or gate, it will trigger the Alarm(ZAL211) if someone approaches the MDKA0z. When the left light (ZigBee) of MDKA0z is blinking, means the MDKA0z is connecting properly with Home Gateway(ZGA201).
2. APP Download and Network Setup (iOS system)

Step 1. Please go to APP Store to download Sapido APP.

Step 2. Please click and search by the key word <Sapido>. Click <Free> → <Install>.

Step 3. After installing Sapido APP, it will create a shortcut automatically on the main page of your iPhone.

Step 4. Please open the <Settings> function on your iPhone.

Step 5. Please turn on and search for WiFi network from(ZGA201).

Step 6. Click “Cancel” to continue.
Step 7. Select “Use without Internet” to complete WiFi connection with ZGA201.

Step 8. Activate Sapido APP.

Step 9. Click “New IOT”

Step 10. Sapido APP will show the network device name and user name. All you have to do is to give a name for the network domain in blank and enter the default password “admin” in blank. In order to protect your network domain security, please click <Change Password> and enter the new password.

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IOT name</td>
<td>You can give your IOT Name in the blank.</td>
</tr>
<tr>
<td>Device Name</td>
<td>The Device name will show up automatically, doesn't need to change.</td>
</tr>
<tr>
<td>User name of Domain</td>
<td>The account will show up automatically, doesn't need to change.</td>
</tr>
<tr>
<td>Password of Domain</td>
<td>Need to enter the default password “admin”</td>
</tr>
<tr>
<td>The Options of Changing Password</td>
<td>You can change the password for your domain</td>
</tr>
</tbody>
</table>
Step 11.
- **Password of Domain**: Please enter your password for your network domain.
- **WiFi Password**: Please enter your WiFi Password. Press “New” to complete setting network domain security.

Step 12. Connecting...

Step 13. After setting, it will enter to the log-in page automatically.
Step 14. Turn on “Setting”→”Wi-Fi” and find (ZGA201) WiFi signal to connect.

Step 15. Enter the WiFi Password you have set on step 11. and press “Join”.

Step 16. Re-enter Sapido APP.
Step 17. APP will log-in to the home page, see the instruction below:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Function</th>
<th>Status Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Lock" /></td>
<td>Security Status</td>
<td>Armed</td>
</tr>
<tr>
<td><img src="image" alt="Lock" /></td>
<td></td>
<td>Panic</td>
</tr>
<tr>
<td><img src="image" alt="Lock" /></td>
<td></td>
<td>Disarmed</td>
</tr>
<tr>
<td><img src="image" alt="Lock" /></td>
<td></td>
<td>No security devices</td>
</tr>
<tr>
<td><img src="image" alt="Notification" /></td>
<td>Events Notification</td>
<td>No new event</td>
</tr>
<tr>
<td><img src="image" alt="Notification" /></td>
<td></td>
<td>New event, click for detail</td>
</tr>
<tr>
<td><img src="image" alt="House" /></td>
<td>Scenario</td>
<td>Off Mode/ Custom Mode</td>
</tr>
<tr>
<td><img src="image" alt="House" /></td>
<td></td>
<td>Home Mode</td>
</tr>
<tr>
<td><img src="image" alt="House" /></td>
<td></td>
<td>Away Mode</td>
</tr>
<tr>
<td><img src="image" alt="House" /></td>
<td></td>
<td>Sleep Mode</td>
</tr>
<tr>
<td>Control</td>
<td>Control your electronic appliances with schedule, statistics data, and on/off</td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Settings</td>
<td>Rename and manage your home devices</td>
<td></td>
</tr>
<tr>
<td>Environment Sensor</td>
<td>To detect home environment and view data with related devices</td>
<td></td>
</tr>
<tr>
<td>Real-Time View</td>
<td>View Camera</td>
<td></td>
</tr>
<tr>
<td>Internet Setting</td>
<td>Internet setting while Gateway doesn't connect with Internet</td>
<td></td>
</tr>
<tr>
<td>Digital TV</td>
<td>Watch the digital TV with Sapido NAS TV (WD091n). This function won't show If you don't have Sapido NAS TV.</td>
<td></td>
</tr>
<tr>
<td>Log Out</td>
<td>Log out the system</td>
<td></td>
</tr>
<tr>
<td>Advanced</td>
<td>To use more advanced function, please change to the Advanced page.</td>
<td></td>
</tr>
</tbody>
</table>
3. All-Link Button Application

3.1 Internet Settings (PPPoE/ DHCP)

Make sure the network environment stable for any of your smartphone and handheld devices using first, this step will let you receive emergency messages successfully while you go out. There are two ways of Internet setting to set-up as below:

1. No need to do additional setting if your Internet is from original router, and the ZGA201 is connecting with your Ethernet cable already.
2. Follow the steps below if your Internet is from PPPoE:

   Step 1. Log in APP and click “Internet Settings”

   Step 2. Click “PPPoE” based on your Internet type.

   Step 3. Please enter your ISP account and password), and click “Apply” to continue. (No need to set up wifi password again.)
Step 4. Please wait for the setup operation. Do not turn off or return.

Step 5. After the update, the screen will subsequently go back to Log-In page, you might directly connect to the network if you have 3G in your smartphone, to make sure it is available for remote use as well.

(See the detail of symbols on Step 6)

Step 6. The instruction of the symbols from the main page:

<table>
<thead>
<tr>
<th>Guide-light</th>
<th>Light</th>
<th>Statue Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. The lights of device of the domain</td>
<td><img src="example" alt="Green Light" /></td>
<td>Green- Domain and network is connected.</td>
</tr>
<tr>
<td></td>
<td><img src="example" alt="Gray Light" /></td>
<td>Gray- Domain and network is disconnected</td>
</tr>
<tr>
<td></td>
<td><img src="example" alt="Red Light" /></td>
<td>Red- Event alert</td>
</tr>
<tr>
<td>2. The light symbols of the Cloud Security</td>
<td><img src="example" alt="Green Light" /></td>
<td>Green- Security System Arm.</td>
</tr>
<tr>
<td></td>
<td><img src="example" alt="Gray Light" /></td>
<td>Gray- Security System Disarm.</td>
</tr>
<tr>
<td></td>
<td><img src="example" alt="Red Light" /></td>
<td>Red- Alarm is triggered.</td>
</tr>
<tr>
<td></td>
<td><img src="example" alt="Empty Light" /></td>
<td>(Empty)-No Installed or Security System offline.</td>
</tr>
<tr>
<td>3. Change the password Key</td>
<td><img src="example" alt="Pen Light" /></td>
<td>To change the password of domain.</td>
</tr>
<tr>
<td>4. Trash Can Symbol</td>
<td><img src="example" alt="Trash Can Light" /></td>
<td>To delete the domain.</td>
</tr>
</tbody>
</table>
3.2 Hardware Wireless Connect Automatically Instruction—

Just power on IP Cam(IPJC2n)、Smart Switch(WSG70n) and press the “All-Link Button” on Home Gateway(ZGA201), the system will make an automatically connection. Set up the system with Sapido APP.

Step 1. Press the “All-Link Button” on Home Gateway(ZGA201) 3 seconds. Wait for 2 minutes, the system will make an automatically connection.
Step 2. Enter APP then click “Setting” first to set up devices.

Step 3. Entered the IOT Settings, you can see the security system is built-up (as below).
- Home Gateway
- IP Cam
- Security Alarm
- Motion Sensor
- Door/Window Sensor
- Smart Switch
- Battery Status

Step 4. In IOT Setting page, you can rename the device. Select Home Gateway(ZGA201) and click “Rename”.

Step 5. After typing in the new name, click “Apply” toconfirm.

Step 6. Gateway(ZGA201) has been shown with new device name.
Step 7. Select IP Camera (IPJC2n) and click “Rename”.

Step 8. After typing in the new name, click “Apply” to confirm.

Step 9. IP Camera has been shown with new device name.

Step 10. Please select the Security Alarm (ZAL211), then click <Rename>

Step 11. After entering the new name, please click <Apply>, then it will show the new name.

Step 12. The Alarm (ZAL211) had been changed to the new name.
Step 13. Choose the Cloud Motion Sensor (MDKA0z_xxx) in IOT Setting first, then click <Rename>.

Step 14. After entering the new name, please click <Apply>, then it will show the new name.

Step 15. The Cloud Motion Sensor (MDKA0z_xxx) had been changed to the new name.

Step 16. Choose the Cloud Door & Window Sensor (DDLA0z_xxx) in IOT Setting first, then click <Rename>.

Step 17. After entering the new name, please click <Apply>, then it will show the new name.

Step 18. The Cloud Door & Window Sensor (DDLA0z_xxx) had been changed to the new name.
Step 19. Choose the Smart Switch (WSG70n_xxx) in IOT Setting first, then click <Rename>.

Step 20. After entering the new name, please click <Apply>, then it will show the new name.

Step 21. The Smart Switch (WSG70n_xxx) had been changed to the new name.

Step 22. After renaming, select any device and click ☑️ to access GUI.
4. Scenario

There are five scenarios in system for you to face your needed. For example, set up “Away Mode” while you are away, it is a scenario contain several functions like making security alarm with security devices; also, you can make “Home Mode” while you are at home for turn off the alarm. Create your own scenario in “Custom Mode” brings more convenience in your life!

4.1 Home Mode

| Step 1. Log in to the Basic Function home page, and click “Scenario”. |
|------------------|------------------|------------------|
| Step 2. “Off Mode” has already selected, this scenario means there is no scenario now in this system. Please select “Home Mode” for further settings. |
| Step 3. “Home Mode” setting suggestion below: |
| | Turn on the lamp |
| | Turn off the motion sensor in living room |
| | Turn on the 2F window sensor without alarm speaker. |
| | Click “Back” for complete settings. |
### 4.2 Away Mode

**Step 1.** Click in “Away Mode” for settings.

**Step 2.** “Away Mode” setting suggestion below:
- Turn off the lamp
- Turn on the motion sensor in living room
- Turn on the 2F window sensor
Click “Back” for complete settings.

### 4.3 Sleep Mode

**Step 1.** Click in “Sleep Mode” for settings.

**Step 2.** “Sleep Mode” setting suggestion below:
- Turn on the lamp
- Turn on the motion sensor in living room
- Turn on the 2F window sensor
Click “Back” for complete settings.
4.4 Custom Mode

Step 1. Click in “Custom Mode 1” for settings. Create new name for this mode, please click.

Step 2. Enter the name, EX: My Favorite, and click “Apply”.

Step 3. Click in “My Favorite Mode” for settings.

Step 4. “My Favorite Mode” setting suggestion below:

- Turn on the lamp
- Turn off the motion sensor in living room without alarm speaker
- Turn on the 2F window sensor without alarm speaker

Click “Back” for complete settings.

(Create Custom Mode 2 with the same steps)
4.5 Mode Change

After setting up the five scenarios, you can continue select the mode you would like to use. If you want to change to different mode, please follow the instructor below:

Step 1. Click “Away Mode” while you are away.

Step 2. Make sure you would like to change to Away Mode, please click “Yes”.

Step 3. Please wait…

Step 4. Mode change successfully, please click “Back” return to the Basic Function home page.

Step 5. Back to the home page, you can see the Scenario symbol like , means the system is in “Away Mode” Based on the “Away Mode” setting, your rule will be under working.

Instruction of Scenario Symbols:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Off Mode/ Custom Mode" /></td>
<td>Off Mode/ Custom Mode</td>
</tr>
<tr>
<td><img src="image" alt="Home Mode" /></td>
<td>Home Mode</td>
</tr>
<tr>
<td><img src="image" alt="Away Mode" /></td>
<td>Away Mode</td>
</tr>
<tr>
<td><img src="image" alt="Sleep Mode" /></td>
<td>Sleep Mode</td>
</tr>
</tbody>
</table>
5. Event Notifications

Step 1. You will receive the event notifications while the security system be triggered.

Step 2. If the security system be triggered, the Event Notification symbol will become red, and the Panic symbol will show up as well. Click in “Event Notification” to view the detail.

Step 3. The detail of event notifications will show and sort by date and time. Click into a specific event.

Step 4. Click the alarm speaker symbol to mute the alarm. To view the recording, just click the “Video Recording”.

Step 5. 30 seconds recording playing…Click “Exit” return to the page.

Step 6. You will see the security status turn green means the system is back in status and under working.
6. Application of Arm/Disarmed/Panic

Step 1. You will receive the event notifications while the security system be triggered.

Step 2. If the security system be triggered, the “Panic” symbol will show up. Click the Panic sign and it will turn back to the “Arm” symbol means the system is back in status and under working.

Step 3. Click “Real-Time View” to check the camera.

Step 4. Click “Arm” once you find the intruder in the camera screen. Volume adjustor.
7. Application of IP Camera
   5.1 Real-Time Screenshot and Browse

   **Step 1.** Click “Real-Time View”

   **Step 2.** Click “Screenshot” in below to immediate save the image in your smartphone

   **Step 3.** Click “View Picture” to review the screenshot image.

   **Step 4.** The images will be sorted by date; please direct select the date you want to view.

   **Step 5.** Image checklist will be listed in order by time sequence. See left side to directly preview the image, and click the image for full screen review.

   **Step 6.** Click below Play icon to review all images in turn when browsing full screen image
5.2 Surveillance Recording and Browse

Step 1. Click the functional key “Record”

Step 2. Setting, please wait...

Step 3. When the recording starts, you can find the red pot on the top left corner.

Step 4. Video will be automatically stored in the USB drive of IP camera; please go 「View Videos」 for video browse.

Step 5. Videos will be sorted by date and time, please directly choose the video you want to view.

Step 6. Select the video for immediate play.
<table>
<thead>
<tr>
<th>Step 7. Click “Exit” when finished, and goes back to the last page. (Rotating the device to enlarge for browse)</th>
<th>Step 8. Click “Download” if you want to back up the files to your smartphone or other devices.</th>
<th>Step 9. Video Downloading…</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Exit.png" /></td>
<td><img src="image2.png" alt="Download.png" /></td>
<td><img src="image3.png" alt="Download.png" /></td>
</tr>
</tbody>
</table>

Step 10. Once download successfully and then you can play it.

Step 11. Downloaded files will be directly stored in “Camera” of “Download List”.

Step 12. Please Click “Stop” to stop recording.
Step 13. Click “Apply”

Step 14. Please wait…

Step 15. Once the red pot is disappeared, the recording has been stopped.
5.3 Personalized Recording Schedule

You can set up the recording schedule at different time based on your requirement, such as personalize the recording time during day time or bedtime, the operating method are as below:

Step 1. Click “Schedule”

Step 2. Click “New” to add new schedule

Step 3. Please first select “Record Schedule”, and set up the start time at 22:00 and end time at 23:59.


Step 5. You can find the schedule you just added. Please again click “New” to make the 2nd schedule.

Step 6. Choose “Record Schedule”, and select start time at 00:00, end time at 06:00.

Step 8. You can find the 2nd schedule added. To modify the schedule, please click [edit]. To delete the schedule, please click [delete].

Step 9. Click “Confirm” to finish setting.

Step 10. Please await for setting...Do not turn off or return.

Step 11. Once the setup is done, the screen will automatically go back to log-in page. Please again log in.
8. Cloud Switch APP On/Off and Schedule Set-up

If you are out or on the way to work, and forget to turn off the electric appliances, such as fan, and light, etc. You can power ON/OFF the appliances via the Cloud Insight Switch APP power switch mode. In addition, you can operate the appliances in your house along with the set schedules of Smart Insight Switch through cycling time setting and schedule function, to surely accompany with daily routine and fully saving the energy and cost.

6.1 Power On/Off

Step 1. Click “Control” on the home page of Basic Function

Step 2. Click one specific electric appliance's power button at the right next to device name, button is grey means OFF.

Step 3. Power button turns to red means ON.
6.2 Set up Schedule of Power On/Off

Step 1. To set up appliances schedule, please click the symbol.

Step 2. Click “New”.

Step 3. There are three Switch Mode to choose in Schedule Setting:
- On: Power on
- Off: Power Off
- Repeat: Power on/off in cycle

Step 4. If you want to select power mode in Repeat Mode, just select it.

Step 5. Set up the rule for appliance schedule:
- ON: 1 Hour and 10 minutes
- OFF: 30 minutes
- Day: Friday
- Start: 10:00
- End: 14:00

Click <Done> to complete setting

Step 6. You can see your schedule is under the page. To delete or edit the schedule, click “delete” or “edit” button to do so.
Step 7. Click “Confirm” after setting.

Step 8. Please await for setting...Do not turn off or return

Step 9. Once the setup is done, the screen will automatically go back to log-in page. Please again log in.
6.3 Electricity Statistics

You can view the data of your specific electric appliance's total daily, weekly, monthly, and annual power consumption for known if your electric appliance saving power or not.

Step 1. Select the specific electric appliance

Step 2. You can view the data of your specific electric appliance's total “Day”, “Week”, “Month”, and “Year” power consumption, like the picture below.

Step 3. For example, click “Week” to view the detail of electricity statistics this week.

Step 4. You can also view the detail of this appliance like when is the power on time or working time.

Step 5. To delete all the data before, click <Reset> on the top right corner. After deleting, the device will show up the time of reset. If you turn on the power button again, the data measurement will restart from the reset time.

Step 6. Click “Yes” to reset.
Step 7. Waiting for reset…

Step 8. You will see the reset data after deleting. Click power ON/OFF to start measuring your specific electric appliance's total daily, weekly, monthly, and annual power consumption.
9. **Advanced Function**

Once you log into APP, it will lead you to the Basic Function home page. However, if you want to do more settings, please switch to the Advanced Function page. Follow the steps below:

<table>
<thead>
<tr>
<th>Step 1. Click “Advanced” on the top right hand side of the Basic function home page.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Advanced Function Home Page" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step 2. You can see many sections on the Advanced function home page for users to do more settings. See instructor below:</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image2" alt="Advanced Function Sections" /></td>
</tr>
</tbody>
</table>
## 9.1 IOT Account Management

Admin can manage up to 10 users in different devices limitation. For example, father is the admin in this system, and he gives the right for mother to change mode, view cameras, and view the events notification and so on…or gives the right for children to change mode, and control appliances only. Just follow the steps below:

<table>
<thead>
<tr>
<th>Step 1</th>
<th>Step 2</th>
<th>Step 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Click “IOT Account Management.”</td>
<td>Click “User 1”.</td>
<td>Select “Enable” first, then giving the account and password for user 1. EX: Mommy</td>
</tr>
<tr>
<td><img src="image1" alt="IOT Account Management" /></td>
<td><img src="image2" alt="User 1" /></td>
<td><img src="image3" alt="Enable" /></td>
</tr>
<tr>
<td><img src="image4" alt="User1" /></td>
<td><img src="image5" alt="User1" /></td>
<td><img src="image6" alt="Account:Mommy" /></td>
</tr>
<tr>
<td><img src="image7" alt="Password:520520" /></td>
<td><img src="image8" alt="Authority Setting" /></td>
<td><img src="image9" alt="Mommy" /></td>
</tr>
</tbody>
</table>

Step 4. Continually set up the limitation for User 1. For example, Mommy can use Scenario, Message, Music, Camera, Switch, and Internet Security only. Click “Apply” after setting.

Step 5. You will see the User 1’s name turn to “Mommy” already.
Step 6. Click “User2”.

Step 7. Continually set up the limitation for User 2. For example, Son can use Scenario, Camera, and Switch only. Click “Apply” after setting.
9.2 How to add Family Users to the system

(1) Advice: When the family user’s handheld device is around the same place.

Step 1. Go to “Settings”
Step 2. Switch on Wi-Fi
Step 3. Select Main Home Gateway (ZGA201) WiFi signal to connect.
Step 4. Type in the Security Password set by network creator and click “Join”
Step 5. Please click and search by the key word <Sapido>. Click <Free> → <Install>
Step 6. Click downloaded Sapido APP

Step 7. Click “New IOT”

Step 8. APP will automatically show device name and user name, please type in the password provided by network family administrator in column, and click “New IOT” to log in.

Step 9. There are two function pages can do the setting and use, see the picture below:

Users will enter the “Basic Function” first automatically.

[Basic Function]  [Advanced Function]

Step 10. Click “Back” and return to home page.
(2) When the family user’s handheld device is not around the same place.

Step 1. Please click and search by the key word <Sapido>. Click <Free> → <Install>

Step 2. Click downloaded Sapido APP

Step 3. Click <New IOT>

Step 4. APP will NOT automatically show information, please create device name, default user name: admin, and IOT password provided by network family administrator in column, and click “New IOT” to log in.
Step 5. There are two function pages can do the setting and use, see the picture below:

Users will enter the “Basic Function” first automatically.

Step 6. Click “Back” and return to home page.
9.3 Instruction of Scenario Settings

9.3.1 Activation Delay Setting of Scenario’s Smart Switch

Activation Delay setting of Smart Switch is always the same in different modes (Home/Away/Sleep/Custom Mode). Face your need to set up, see the example (Away Mode) below:

Step 1. Enter to the Advanced Function Page and click in Scenario you would like to do more settings. EX: Away Mode

Step 2. Click “Switch”

Step 3. Select the Smart Switch and click in to do the settings.

Step 4. Giving an example, if you would like to make an activation delay of automatically turn off the appliance after 20 minutes in Away Mode to save power. Please click “Activation Delay” and setting “20 Min”, “working Time” for “Always”, “Switch Mode” is “Off”, press “Done” to complete setting.
### 9.3.2 Activation Delay & Action Time of Scenario’s Security

Activation Delay and Action settings of Security are always the same in different modes (Home/Away/Sleep/Custom Mode). Face your need to set up, see the example (Away Mode) below:

<table>
<thead>
<tr>
<th>Step 1. Click in Scenario you would like to do more settings, and click “Security”.</th>
<th>Step 2. Select the sensors you would like to set up.</th>
<th>Step 3. Click in the Motion Sensor to do the settings.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Step 1" /></td>
<td><img src="image2" alt="Step 2" /></td>
<td><img src="image3" alt="Step 3" /></td>
</tr>
</tbody>
</table>

Step 4. You will set up the “Activation Delay” and “Action Time” of Motion Sensor. Also, you can select the devices to act after Motion Sensor be triggered, such as Alarm, Switch, Speaker, and Camera. Select ‘Notification Message” means you will receive push notification if Motion Sensor be triggered.

<table>
<thead>
<tr>
<th><img src="image4" alt="Step 4" /></th>
<th><img src="image5" alt="Step 5" /></th>
</tr>
</thead>
</table>

Step 5. For turn on the lamp after the Motion Sensor be triggered. Select the “Switch” and click in to do the settings.
Step 6. Click “Switch Mode”

Step 7. Face you need to set up the Switch Mode (On/Off/Repeat). Click “Done” after settings.

Your lamp will follow the rule after make the rule for triggering.

Step 8. Back to the page for set up the “Activation Delay”.

If you want to let the motion sensor action delay 10 minutes after triggered, just click “Activation Delay” and set up the time. “Action Time” for “Always”, then press “Done” to complete settings. Your Motion Sensor will follow the rule you just make if it is triggered.
9.3.3 Activation Delay & Working Time of Scenario’s Camera

Activation Delay and working Time settings of Camera are always the same in different modes (Home/Away/Sleep/Custom Mode). Face your need to set up, see the example (Away Mode) below:

Step 1. Click in Scenario you would like to do more settings, and click “Camera”.

Step 2. Select the specific Camera you would like to set up.

Step 3. Click in the Camera.

Step 4. If you want to let the Camera action delay 30 minutes after triggered, just click “Activation Delay” and set up the time. “Working Time” for “Always”, then press “Done” to complete settings. Your Camera will follow the rule you just make if it is triggered.
9.3.4 Activation Delay & Music Player of Scenario’s Online Streaming

Activation Delay and Music Player settings of Online Streaming are always the same in different modes (Home/Away/Sleep/Custom Mode). Face your need to set up, see the example (Away Mode) below:

Step 1. Click in Scenario you would like to do more settings, and click “Online Streaming”.

Step 2. Select the specific Camera you would like to play music.

Step 3. Click in the Camera.

Step 4. If you want to let the Camera action delay 1 hour after triggered, just click “Activation Delay” and set up the time. “Working Time” for “Always”, then press “Done” to complete settings. Your Camera will follow the rule to play music you just make if it is triggered.
Step 5. Click “Music List” to choose the music you would like to play, and click “Done”.

*Upload music to the USB first, please see the detail on section 12.3.1

Step 6. You can see the Music List shows 3, which means you have select three songs to play with the rule you made.
9.4 Security Schedule Setting with Off Mode

Make the schedule for you Sensors with Off Mode to activate the security system. Follow the instruction below:

9.4.1 Door & Window Sensor

Step 1. Click “Security”

Step 2. Click the clock sign next to the Door & Window Sensor.

Step 3. Click “New”

Step 4. Giving an example, make the schedule from 8AM to 5:30PM every day. See the picture below. Click “Done” after settings.

Step 5. You will see the schedule you just made has shown already.
Step 6. Click “Confirm” to use this schedule.

Step 7. Please await for setting...Do not turn off or return

Step 8. Once the setup is done, the screen will automatically go back to log-in page. Please again log in.

Step 9. You will see the clock sign turn dark grey, which means it is under schedule working.

Step 10. To turn off all the functions of your Door & Window Sensor, just slide to “OFF”.

Step 6.

Step 7.

Step 8.

Step 9.

Step 10.
### 9.4.2 Motion Sensor

Step 1. Click the clock sign next to the Motion Sensor.

Step 2. Click “New”

Step 3. Giving an example, make the schedule from 8AM to 5:30PM every day. See the picture below.

Step 4. Click “Done” after settings.

Step 5. You will see the schedule you just made has shown already.

Step 6. Click “Confirm” to use this schedule.
<table>
<thead>
<tr>
<th>Step 7</th>
<th>Step 8</th>
<th>Step 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Please await for setting...Do not turn off or return.</td>
<td>Once the setup is done, the screen will automatically go back to login page. Please again log in.</td>
<td>You will see the clock sign turn dark grey, which means it is under schedule working.</td>
</tr>
</tbody>
</table>

**Step 10.** To turn off all the functions of your Door & Window Sensor, just slide to “OFF”.
9.5 Application of IP Camera

9.5.1 Add the music to USB drive of IP Camera

IP Camera can be your music player, you are able to store your favorite music in USB drive of IP Camera via “Upload” and bring you more options.

**Step 1.** Plug in the USB drive into your PC.

**Step 2.** Save your favorite music into USB drive.

**Step 3.** Plug USB drive back to the top of IP Camera (IPJC2n).

**Step 4.** Select “Camera”

**Step 5.** Select “Play” 🎵

**Step 6.** Click “Change” to choose path.
Step 7. Select the “play mode” per your need
- In order: Play in order
- Repeat: Repeat all selected music and play
- Timer: Play in scheduled hours/minutes and stop

Step 8. If you want to play music for 2 hours and then stop, please first select Schedule Mode and set up the time, click “Done” to complete.

Step 9. First select the music you want to play (or whole folder), and click “Play” on the top right corner.

Step 10. In music play mode, you can adjust the volume via

Step 11. Click “Stop” to stop music.

Step 12. Music play is stopped.
9.5.2 Schedule Setup of Music Play

Step 1. Click “Schedule”

Step 2. Click “New”

Step 3. For example, set up automatic music play at every 12:00 pm to 13:00 pm; please first select “Music Schedule” mode,

Step 4. Set the start time at 12:00 pm and end time at 13:00 pm and choose “Everyday” for Day.

Step 5. Click “Music” to choose the music you would like to play.

Step 6. First select the music (or whole folder), and then “Play”
Step 7. Click “Done” in top right corner for completion.

Step 8. You can see the music schedule you just added in the checklist. To modify, please click . To delete, please click .

Step 9. Click “Confirm” to finish setting.

Step 10. Please await for setting... Do not turn off or return.

Step 11. Once the setup is done, the screen will automatically go back to log-in page. Please again log in.
9.5.3 **Schedule Setup of Custom Alarm**

Custom your own alarm via Sapido APP and use the IP Cam to wake you up everyday!

**Step 1.** Enter to the Camera page and click “Custom Alarm” sign on the top right hand side.

**Step 2.** Tap to start recording your voice.

**Step 3.** The microphone will turn orange while recording, press the sign once again to stop recording.

**Step 4.** Stop recording. Wait for the system uploading the alarm…

**Step 5.** After recording your own alarm, it will automatically upload to the USB of IP Cam. Create a name for your alarm (EX: for wake up) or system will give the name with date. Click “Apply” after naming.
Step 6. Uploading the file, please wait…


Step 8. Click “Schedule” in below.

Step 9. Click “New”

Step 10. For example, to set up the morning alarm at every 6:00 am; please first select the mode as “Siren Schedule” and set the start time at 6:00 am, end time at 6:05 am, and select “Everyday” for Day.
Step 11. Select “Siren”

Step 12. You can see the siren schedule you just added in the checklist.
To modify, please click 
To delete, please click 

Step 13. Click “Confirm”.

Step 14. Please await for setting...Do not turn off or return.

Step 15. Once the setup is done, the screen will automatically go back to log-in page. Please again log in.
9.5.4 Upload 30 sec Record File to Dropbox Automatically

30 seconds recording file will save in the USB of IP Cam. If you would like to make it backup automatically on your Dropbox space, please follow the steps below:

Step 1. Click the sign on the top right hand side of the page of Camera.

Step 2. Click “Dropbox Status”

Step 3. Choose “Connected” then back to the front page.


Step 5. Sign in your Dropbox account and click “Sign In and Link”. Your 30 second video recording will automatically upload to your Dropbox from now on.
9.6 Smart Switch Application Instruction

Sapido creates a new device “WSG70n”, Smart Cloud Switch, matches smartphone (iOS, Android) to control your electric appliances anytime anywhere. In addition, Sapido APP offers numerous functions: power consumption measurement, power switch set-up, schedule making, and start-up timing with the specific electric appliance for historical electric information reference. Also, it provides the function of over-heating protection. Giving you a lifestyle with smart protection, power saving, and energy conservation.

※ You can turn on/off the power directly click the power button on the Smart Switch (WSG70n) if you are home.

*Turn on/off power via Sapido APP when you are out:
9.6.1 Cloud Switch APP On/Off and Schedule Set-up

Step 1. Click <Switch>.

Step 2. Click one specific electric appliance's power button at the right next to device name, button is grey means OFF.

Step 3. Power button turns to red means ON.

Step 4. Select one specific electric appliance.

Step 5. You can view different functions such as: Power on Reason, power consumption, Uptime & Since time of startup.

Step 6. If you want to change the Switch Mode to “Repeat”, click <Switch Mode>.
Step 7. Click <Repeat>

Step 8. Get Started to set up Repeat Condition, for example, let it power on for 3 minutes and turn off for 1 minute in 10 minutes as a period. Click <Done> to finish setting.

Step 9. Back to the front page automatically, and your electric appliance will follow the schedule you have set-up

Step 10. Back to the front page, you will see the repeat sign at the right next to the device name that means your setup was successful. Now turn the repeat sign to red (_repeat_ represents turn on the repeat mode.

Step 11. After ten minutes in a period, the sign will turn to grey.

Step 12. If you want to stop the repeat mode, click the sign and it will turn to grey.
9.6.2 Switch Repeat Schedule Setting (Examples)

Smart Cloud Switch can turn on/off your electric appliances based on the schedule that you have set. For example, use Switch to maintain in-door temperature. Set up Fan’s working schedule: Repeat the mode of turn on 1 hour and 10 minutes then turn off 30 minutes every Friday from 10AM within 5 hours period.

Step 1. Select <Schedule setting>.

Step 2. Click <New> on the top right corner to add your new schedule.

Step 3. Select “Repeat” of Switch Mode.

Step 4. Set up the schedule like this: ON: 1 Hour and 10 minutes OFF: 30 minutes Day: Friday Start: 10:00 End: 14:00
Then click <Done> to complete setting

Step 5. You can see your schedule is under the page. To delete or edit the schedule, click “delete” or “edit” button to do so.

Step 6. Click “Confirm” to complete setting.
Step 7. Please await for setting...Do not turn off or return.

Step 8. Once the setup is done, the screen will automatically go back to log-in page. Please again log in.
9.6.3 How to view the electronic history

- Step 1. Click <Switch>
- Step 2. Select the specific electric appliance
- Step 3. Click <History>
- Step 4. History record of your electric appliances power on/off
  - Cloud Switch Schedule: Use schedule set-up to turn on/off power
  - Mobile APP Switch: Use mobile APP to turn on/off power
  - Button: Press Button on the Smart Switch to turn on/off power
- Step 5. To delete all the data, click <Reset>
- Step 6. All history record were deleted
9.7 Application for Media Storage

9.7.1 Upload the files in mobile device to IP Cam USB drive

Besides saving the recording image, USB drive of IP Camera is a media storage center as well, you can upload photos, videos and files, etc. in your mobile device to USB drive for expanding your storage spaces, and share to you family members at the same time.

Step 1. Click “Upload”

Step 2. Click “Camera Roll”

Step 3. Tick the files you want to upload (ex: photos), and click “Change” to select the path.

Step 4. Select your device name (nickname)

Step 5. Click “New Folder”

Step 6. Rename the folder, such as “Photo”, and click “Apply”
<table>
<thead>
<tr>
<th>Step 7.</th>
<th>Select new added folder.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 8.</td>
<td>Click “Upload”</td>
</tr>
<tr>
<td>Step 9.</td>
<td>Uploading the files…</td>
</tr>
<tr>
<td>Step 10.</td>
<td>Please click “Upload more files” after upload succeeded.</td>
</tr>
<tr>
<td>Step 11.</td>
<td>Click “Back” to select other files. (ex: video)</td>
</tr>
<tr>
<td>Step 12.</td>
<td>APP will memorize the path of last upload, click “Upload” without changing path, or click “Change” to choose other path.</td>
</tr>
<tr>
<td>Step 13. The device will memorize your recent 5 upload paths as the shortcut.</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td></td>
</tr>
<tr>
<td>Step 14. If you want to upload to other path, please select the device name (nickname)</td>
<td></td>
</tr>
<tr>
<td>Step 15. Click “Upload”</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step 16. Uploading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 17. All file upload succeeded, click “Upload more files” to upload other files, or click “Home” to leave.</td>
</tr>
</tbody>
</table>
### 9.7.2 File download from USB drive of IP Cam

<table>
<thead>
<tr>
<th>Step 1. Click “Download”</th>
<th>Step 2. Select your IP Cam device name (nickname)</th>
<th>Step 3. Select the files you want to download (ex: video) and click “Download”</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
<td><img src="image3.png" alt="Image" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Step 4. Downloading…</th>
<th>Step 5. File download succeeded</th>
<th>Step 6. You can select the files and click “Play” on the top right corner to browse the file.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image4.png" alt="Image" /></td>
<td><img src="image5.png" alt="Image" /></td>
<td><img src="image6.png" alt="Image" /></td>
</tr>
</tbody>
</table>

- **Step 1.** Click “Download”
- **Step 2.** Select your IP Cam device name (nickname)
- **Step 3.** Select the files you want to download (ex: video) and click “Download”
- **Step 4.** Downloading…
- **Step 5.** File download succeeded
- **Step 6.** You can select the files and click “Play” on the top right corner to browse the file.
Step 7. During file playing, please rotate the smartphone or tablet to enlarge the screen.

Step 8. Return to download succeeded page and click “Download more files”.

Step 9. Click ★ right next to folder to set as “Favorites”.

Step 10. Click “Back” to return to the device selected page, and you will see “Favorites” has been shown in download shortcut. Click the folder to directly access the folder.
Step 11. Select the files you want to download and click “Download” at top right corner.

Step 12. Downloading…

Step 13. File download succeeded. You can see contracted photos, select the files and click “Play” at top right corner to browse.

Step 14. During file play, rotate the smartphone and tablet to enlarge the photo. Click “Exit” to end the browse and return to download succeeded page.
9.7.3 Online Streaming – Play the document in USB of your IP Cam via handheld device

Building in video and picture browser in APP, just click the file you want to review. In addition, both video format of MP4 and AVI are supported.

Step 1. Enter Sapido APP and click “Online Streaming”

Step 2. Click “IP Cam” (Nick Name)

Step 3. Choose the file path you want to browse. (Video format of MP4 and AVI are supported)

Step 4. Rotate the smartphone or tablet to enlarge the screen. During video play, click “Exit” to stop and return to the previous page.

※ The video function will auto play next video after the original one finish played.
Step 5. Please again select the file you want to browse.

Step 6. During file browse, touch the screen to hide the functional key bar for full screen browse. Click “Exit” to top and return to the previous page.
9.8 Network Security

9.8.1 Network Security – Network security setup and internet device control

Parents can review the website history to monitor, and control children on-line time and website, and enable to remote log in to check and see internet attack status.

(1) Client List

<table>
<thead>
<tr>
<th>Step 1. Click “Network Security”</th>
<th>Step 2. Click “Client List”</th>
<th>Step 3. ⌁ is to set up the internet block time, and make it block during a period.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 4. Select the start and end time of block (in 24-hour time system), and then select “weekday” and click “Apply” to save.</td>
<td>Step 5. Setting, please await.</td>
<td>Step 6. After setting, APP will automatically log out and return to the home page. Please log in again.</td>
</tr>
</tbody>
</table>
Step 7. Click “Network Security”

Step 8. Click “Client List”

Step 9. The right next to block device is shown as light gray with “ON”, block setting is succeeded.

Step 10. If you want to cancel the setup, just directly push the device switch to OFF

Step 11. Click “Sure” to confirm

Step 12. Please await…
Step 13. After setting is done, APP will automatically log out. Please again log in.

Step 14. Click “Network Security”

Step 15. Click “Client List”

Step 16. The clock symbol of block device has become dark gray with “ON”, block setting is succeeded.

Step 17. If you want to unlock the block to a specific device, please directly push the device switch to OFF

Step 18. Click “Apply” to unlock, and the device can be on-line again.
Step 19. Please await…

Step 20. APP will automatically log out after finishing setting, please again log in.

Step 21. Click “Network Security”.

Step 22. Click “Client List”

Step 23. When the block switch of device shows as gray and clock symbol shows as light gray, the device can be on-line.
(2) 2.4G Wireless Schedule

Step 1. Click “2.4G Wireless Schedule”

Step 2. Enter into checklist and click “New” on top right corner.

Step 3. Select online start and end time (in 24-hour time system).

Step 4. Setting, please await.

Step 5. After the setting, APP will automatically log out, please again log in.

Step 6. Click “Network Security”
Step 8. Click “2.4G Wireless Schedule”

Step 9. You can review the list of wireless schedule, and click edit or delete.

(5G Wireless Schedule)

Step 1. Click “5G Wireless Schedule”
Step 2. Enter into checklist and click “New” on top right corner.
Step 3. Select online start and end time (in 24-hour time system).
<table>
<thead>
<tr>
<th>Step 4</th>
<th>Step 5</th>
<th>Step 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Setting, please await.</td>
<td>After the setting, APP will automatically log out, please again log in.</td>
<td>Click “Network Security”</td>
</tr>
</tbody>
</table>

**Step 6. Click “Network Security”**

**Step 7. Click “5G Wireless Schedule”**

**Step 8. You can review the list of wireless schedule, and click edit or delete**
### Keyword Blocked

**Step 1.** Click “Keyword Blocked”

**Step 2.** Enter the keyword you want to block, such as Yahoo, and click “New” to confirm.

**Step 3.** Please await...

**Step 4.** APP will automatically log out after setting, please again log in.

**Step 5.** Click “Network Security” → “Keyword Blocked”

**Step 6.** You can review the block list, and new added keyword has been added.
Step 7. To unlock the blocked keyword, please first select the keyword you want to unlock, and click “Unlock” on top right corner.

Step 8. Please await...

Step 9. APP will automatically log out after setting, please again log in.

Step 10. Click “Network Security”

Step 11. Click “Keyword Blocked”

Step 12. To review the block list, and you can find the unlock keyword has been removed from list.
<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Click “Website History” to review all devices which are connected to internet via this router.</td>
</tr>
<tr>
<td>2.</td>
<td>Access to the website history checklist and select the device you want to review.</td>
</tr>
<tr>
<td>3.</td>
<td>To review all visit website checklist of device, and you can select any of website and click “Preview”.</td>
</tr>
<tr>
<td>4.</td>
<td>You can first preview the visited website and decide if blocking the website or not. Click “Back” to end.</td>
</tr>
<tr>
<td>5.</td>
<td>Again return to website checklist and select the website you want to block, click “Block” in below to confirm.</td>
</tr>
<tr>
<td>6.</td>
<td>Setting, please await…</td>
</tr>
<tr>
<td>Step 7. APP will automatically log out after setting, please again log in.</td>
<td>Step 8. Click “Network Security”</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
<tr>
<td>Step 10. You will find added block website is appeared in below block list.</td>
<td>Step 11. To unlock the website, please first select the website you want to unlock and click “Unlock” on top right corner.</td>
</tr>
<tr>
<td><img src="image4.png" alt="Image" /></td>
<td><img src="image5.png" alt="Image" /></td>
</tr>
</tbody>
</table>
Step 13. APP will automatically log out after setting, please again log in.

Step 14. Click “Network Security”

Step 15. Click “Website History”

Step 16. You will see the website which is just unlocked has been removed from the block list. Unlock is succeeded.
(6) Distributed Denial of Service (DDoS)

Step 1. Click “Network Security” after log-in.

Step 2. Click “DDoS”

Step 3. When your network is attacked, you can review the attack type, situation and time. (If there's no event, the list will be blank)

(7) Login History

Step 1. Log in IOT and click “Network Security”

Step 2. Click “Login History”

Step 3. You can review all device IP, and log-in date and time here.
### 9.8.2 Download List – How to manage the files of mobile device (iPhone / iPad)

Provide the management and edit function to the files and data downloaded from APP or originally saved in smartphone. You can even do the off-line browse under network disconnect status.

<table>
<thead>
<tr>
<th>Step 1. Click “Download List” to show all files.</th>
<th>Step 2. The files downloaded via Sapido APP will be automatically sorted by file format (JPG, MP3, AVI, EXE...) and stored in first 5 folder (ex: JPG will be automatically stored in “Picture” folder) (If you never download any file via Sapido APP, and no file would be showed those 5 folders.)</th>
<th>Step 3. Photos and videos in “Camera Roll” are all from your mobile device, you can quickly browse via this shortcut.</th>
</tr>
</thead>
</table>
| ![Download List]

![Camera Roll]

![Other]

![PIctures]

![Document]

![Music]

![Videos]
(3) Document Browse

Building in video and picture browser in APP, just click the file you want to review. In addition, both video format of MP4 and AVI are supported.

Step 1. Click “Camera Roll”

Step 2. Select the photos you want to browse.

Step 3. During photo browse, click “Back” to stop and return to the previous page.

Step 4. Rotating the smartphone or tablet to enlarge the screen, click “Exit” to stop and return to previous page.

(If the functional key are hidden after rotating, just slightly touch the screen to show)
**Step 5.** Return to “Download List” and click “Videos”  

**Step 6.** Directly select the video you want to watch.

**Step 7.** During video play, click “Exit” to stop and return to the previous page.

**Step 8.** Rotate the smartphone or tablet to enlarge the screen, click “Back” to stop and return to the previous page.  
(If functional key is hidden after rotating, it will be again appeared after rotate it back.)

**Step 9.** Return to Download List page and click “Music”.

<table>
<thead>
<tr>
<th>Step 5</th>
<th>Step 6</th>
<th>Step 7</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Images" /></td>
<td><img src="image2.png" alt="Images" /></td>
<td><img src="image3.png" alt="Images" /></td>
</tr>
</tbody>
</table>

![Images](image4.png)
Step 10. Directly select the music you want to play.

Step 11. Click mark to choose the play device.

Step 12. Select IP Camera device name (nickname)

Step 13. When is showed as blue, the music will be played through IP Camera (IPJC2n)

Step 14. You can find the functions, such as pause, play, back/forward, repeat one and all, etc. in below functional bar. Click “Exit” to stop and return to the previous page.

Step 15. Return to Download List page and click “Document”.
Step 16. Directly select the document you want to browse.

Step 17. During document browse, slightly touch the screen to hide the functional bar. Click “Exit” to stop and return to the previous page.

The firm base

The characteristic flow geometry is created and determined by the additive flow profile. As a result of the depth of the structural profile, good resistance to deflection and an excellent resistance to bending is achieved. The special trapezoidal geometry gives the reinforced concrete the appearance of a high-weight additive flow.

The trapezoidal profiles prevent the beams from lifting during concrete pouring and thus contribute to all-round stability. A structural analysis, however, is required. Reinforced concrete beams are produced with high-quality concrete casting systems and can reach concrete resistance class III in DIN 1045-4.

The particular geometry

The reinforced concrete core is equivalent to a reinforced concrete slab-and-joist floor according to DIN 1045. When compared with non-reinforced concrete floors, such floors have the same resistance to deflection but a substantially lower concrete weight.
## (4) Rename

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>First find the file that you want to rename, and click “Edit” on top right corner.</td>
</tr>
<tr>
<td>2.</td>
<td>You can find the functional keys of Rename and Edit in right hand side and in the bottom.</td>
</tr>
<tr>
<td>3.</td>
<td>Click the function key in the right hand side to rename the file.</td>
</tr>
<tr>
<td>4.</td>
<td>Enter new name and click “Apply” to confirm.</td>
</tr>
<tr>
<td>5.</td>
<td>Rename succeeded, new name has been shown in checklist.</td>
</tr>
</tbody>
</table>
### File Edit

**Step 1.** First find the file you want to edit, and click “Edit” on the top right corner.

**Step 2.** Function keys of Rename and Edit will appear in the right hand side and in the bottom (cut, copy, paste, folder and delete).

**Step 3.** You can do the file and data edit here; please select the files you want to sort and click “Cut”.

**Step 4.** Click “Folder”

**Step 5.** Enter the name of new folder and click “Apply” to confirm.

**Step 6.** Select the new added folder.
Step 7. Click “Paste” to paste the music file cut in Step 3 to complete file management and edit.

Step 8. Congratulations! Music file has been moved to “Favorite” folder. (Click “Done” to end the edit, or click “Back” to continue other file edit.)

Step 9. Return to the previous page and continue other edit. Please select the file you want to copy, and click below “Copy”.

Step 10. Copy the selected file to any folder of Download List or click “Folder” to add new folder.

Step 11. Enter the name of new folder, and click “Apply” to confirm.

Step 12. Select the new added folder.
Step 13. Click “Paste” in below function key and paste the photo file copied in Step 9 to the folder.

Step 14. The copied photo file has been stored in the new folder. (You can click “Done” to end the edit, or click “Back” to continue other file edit.)

Step 15. Return to the previous page to continue other file edit. Select the files you want to delete, and click “Delete” in below function key.

Step 16. Again confirm whether to delete the file or not; click “Apply” to confirm the delete.

Step 17. File delete succeeded. To end the edit, click “Done” on the top right corner.

Step 18. Edit mode is end.
(6) Offline Browse
Under the off-line status, you can still access “Download List” for browse and edit the files in Download List.

Step 1. When the domain is disconnected, the light indicator will become gray. Please select the network.

Step 2. Connecting, please await.

Step 3. Please click “Offline Browse”.

Step 4. After access the download list, you can browse the video and music, etc. or click “Edit” on the top right corner to edit files.

Step 5. Edit function key (cut, copy, paste, folder and delete) will appear in bottom side of page. Refer to 11.2.3 File Edit for detail operating method.
9.8.3 IOT Network – To review SH206+ and USB device status

In IOT network page, you can see SH206+ internet connection type and IP information, and review the connection status of IP camera, USB drive and speaker.

Step 1. Click “IOT Network”

Step 2. Internet connection type and USB device connection status will be showed in this page. Click “PPPoE”.

Step 3. To review the IP information of Home Gateway, click “Back” to the previous page.

Step 4. Click “”

Step 5. Click “LAN Information”

Step 6. You can see IP address, MAC address, and SSID and Encryption mode here.
Step 7. Click to rename the Home Gateway, and click “Apply” to confirm. Click “Back” and return to the Network Security page.


Step 9. Click IP Cam (IPJC2n) “.”

Step 10. You can see IP address, MAC address, SSID and Encryption mode here.

Step 11. Click to rename the IP Cam (IPJC2n), and click “Apply” to confirm. Click “Back” and return to the Network Security page.
Step 12. Click “Speaker” to play music in smartphone via speaker.

Step 13. First select the music you want to play and click “Change” to select the speaker device.


Step 15. During music play, click “Exit” to stop and return to network maps.

Step 16. Click “USB driver” to upload or download files.

Step 17. Click to upload, see 9.7.1 Upload. Click to download, see 9.7.2 Download.
Step 16. Click “Camera” to go “Camera”.

Step 17. For the application of Camera, please refer to 7. Application of IP Camera for details.
9.8.4 IOT Device Management- How to manage security device in system

How to give a new name for your security system? Please operate in the IOT Device Management page.

The IOT Device Management page offers several functions like rename, and the symbols of Graphic User Interface (GUI), and security sensor update. You can view the detail of all the wireless devices and ZigBee's (SH206+) number, name, and battery.
(1) Update the firmware version

| Step 1. When the update symbol appears on the right next to one of the sensors, click it and complete the updating. |
|---|---|---|
| ![Step 1](image1.png) |
| Step 2. Click <Sure> before double check |
| ![Step 2](image2.png) |
| Step 3. Under connecting... Do not turn off or log out. |
| ![Step 3](image3.png) |

Step 4. Enter Sapido APP then log in your security network. The latest firmware version is successfully upgraded.

![Step 4](image4.png)
(2) Hide the Device In IOT Device Management
To hide the functions without disconnected device via APP. See the instruction below:

<table>
<thead>
<tr>
<th>Step 1. To hide your IP Cam in IOT page, just select the IP Cam and click “Device Setting”.</th>
<th>Step 2. Click “Hide”</th>
<th>Step 3. You will see the device hiding. Click “Back” to the front page.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Device Setting" /></td>
<td><img src="image2" alt="Hide" /></td>
<td><img src="image3" alt="Back" /></td>
</tr>
</tbody>
</table>

Step 4. You can’t see all the Camera Functions on the Advanced Function Page: Upload, Download, Camera, Music.

Step 5. To return the functions, click “IOT Device Management” once again.

Step 6. Select the IP Cam and click “Device Setting” again.
<table>
<thead>
<tr>
<th>Step 7. Click “Unhide”</th>
<th>Step 8. You will see the device back to the page. Click “Back” to the front page.</th>
<th>Step 9. You can see all the Camera Functions on the Advanced Function Page again: Upload, Download, Camera, Music</th>
</tr>
</thead>
<tbody>
<tr>
<td>(3) Delete Device While Off Line</td>
<td>Device name will turn red while it is off line or disconnected. You can delete the device on system via APP.</td>
<td></td>
</tr>
<tr>
<td>Step 1. Select the device which is disconnected. Click “Device Setting”</td>
<td>Step 2. Click “Delete”</td>
<td>Step 3. Delete successfully.</td>
</tr>
</tbody>
</table>
(4) The Function of GUI

You can open GUI in IoT Settings page. GUI offers the function of viewing firmware version, today's date & time, time of power-on, and network status. Also, it can setup VPN, SSID...and so on.

Step 1. Select one of the sensors, then click <GUI> on the top right corner.

Step 2. Enter the page of GUI. (You will see the page as same as when you viewing from computer)

Step 3. You can arrange the screen for easier watching.