# Table of Contents

1. Secure Watch PC Viewer Requirements .................................................................................................................. 3
2. Starting Secure Watch PC Viewer .......................................................................................................................... 3
3. User Registration and Sign In .................................................................................................................................. 4
   A. User Registration .................................................................................................................................................. 4
   B. Password Recovery .............................................................................................................................................. 5
   C. Sign In .................................................................................................................................................................. 6
4. Live Monitoring and Playback with Paid Storage Plan ............................................................................................... 7
   A. A Single View .................................................................................................................................................... 7
   B. Multi Views ........................................................................................................................................................ 8
   C. Creating Video Clip ........................................................................................................................................... 10
5. Free Cloud Storage Service with no Paid Storage Plan .............................................................................................. 10
6. EMAP ..................................................................................................................................................................... 11
7. EVENTS ................................................................................................................................................................. 11
8. Setup ........................................................................................................................................................................... 13
   A. My Account ...................................................................................................................................................... 13
   B. App Settings ..................................................................................................................................................... 13
   C. Announcement ................................................................................................................................................ 13
   D. My Account ...................................................................................................................................................... 15
   E. User Management .......................................................................................................................................... 15
   F. Camera Management .................................................................................................................................... 16
      Firmware Upgrade ........................................................................................................................................... 16
      Camera Setting ............................................................................................................................................... 16
      Recording Schedule ..................................................................................................................................... 20
      Setup Zones for Motion Events .................................................................................................................. 20
   G. Clip Management .......................................................................................................................................... 20
   H. Storage Plan ................................................................................................................................................... 21
   I. Technical Support ........................................................................................................................................... 21
1. Secure Watch PC Viewer Requirements

<table>
<thead>
<tr>
<th>Hardware/Operating system</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>OS</td>
<td>(MS Win7 / OSX Mavericks) or more</td>
</tr>
<tr>
<td>CPU</td>
<td>Dual core 2.00GHz or more</td>
</tr>
<tr>
<td>RAM</td>
<td>2 GB or more</td>
</tr>
<tr>
<td>Network</td>
<td>100Mbps or more</td>
</tr>
<tr>
<td>Video Codec</td>
<td>MPEG-4</td>
</tr>
</tbody>
</table>

2. Starting Secure Watch PC Viewer

- Run the installed Secure Watch PC Viewer or click the Secure Watch icon in the main screen.
3. User Registration and Sign In

A. User Registration

- Click `<Create Account>` to create a new user account.

- Click `<Sign Up>` after entering an email address and password as shown below.
  - The email address is used to recover its password if needed.
B. Password Recovery

- If a user has forgotten his or her password, he or she can reset the password by clicking <Forgot Password>.

- Enter the user account id which is the email address used when the account was created and click <Reset password>.
- An email which contains an instruction to reset the password is sent to the email address. Follow the instruction in the email to reset the password.
C. Sign In

- Enter the user account id (the email address) and the password to use the Secure Watch service.
  - To remember the user account id and password, check <Remember Password>.

- Once the sign-in is completed successfully, the following <Views> window will be displayed.
4. Live Monitoring and Playback with Paid Storage Plan

A. A Single View

- From the <Cameras> menu, double-click a desired camera that you wish to watch.

By clicking icons in the windows, you can watch and manage videos. The following table explains the function of each icon.

<table>
<thead>
<tr>
<th>No.</th>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Timeline</td>
<td>The timeline displays the information on recorded video. Red indicates the event video period and green, the non-event video period. By clicking any of the colored period, you can start playing recorded video.</td>
</tr>
<tr>
<td>2</td>
<td>Calendar</td>
<td>By clicking this icon, you can select the date of the recorded video that you wish to watch.</td>
</tr>
<tr>
<td>3</td>
<td>Today</td>
<td>By clicking this icon, you can move the timeline into today.</td>
</tr>
<tr>
<td>4</td>
<td>Second</td>
<td>By clicking this icon, you can change the time unit to second.</td>
</tr>
<tr>
<td>5</td>
<td>Minute</td>
<td>By clicking this icon, you can change the time unit to minute.</td>
</tr>
<tr>
<td>6</td>
<td>Hour</td>
<td>By clicking this icon, you can change the time unit to hour.</td>
</tr>
</tbody>
</table>
By clicking this icon, you can watch the previous event video.

By clicking this icon, you can watch the recorded video in the backward fast-play mode. By clicking multiple times, you can control the play speed.

By clicking this icon, you can stop or resume the play of the recorded video.

By clicking this icon, you can watch the recorded video in the fast-play mode. By clicking multiple times, you can control the play speed.

By clicking this icon, you can watch the next event video.

By clicking this icon, you can watch the live video.

(Optional) This enables the speaker of the camera for listening.

This enables the microphone of the viewer. When it is enabled, you can send your voice to the camera side in one way. When the microphone is enabled, the speaker is disabled, and vice versa.

By clicking this icon, you can save the current view (which is a single view or any multi views) to the <Group List> for later use.

By clicking this icon, you can create a video clip from the recorded video in one of the following modes: normal, time-lapse, and event-lapse.

B. Multi Views

- Multi view allows you to watch multiple cameras simultaneously. For the multi views, the following icons are provided.

<table>
<thead>
<tr>
<th>No.</th>
<th>Icon</th>
<th>Description</th>
<th>Screen Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><img src="image1.png" alt="Single View Icon" /></td>
<td>Clicking this icon executes a single camera view. This icon is used to return to the single view mode from...</td>
<td>❌</td>
</tr>
</tbody>
</table>
By clicking this icon, you can watch up to 4 cameras in a 2 by 2 latticed multi camera view.

By clicking this icon, you can watch up to 9 cameras in a 3 by 3 latticed multi camera view.

By clicking this icon, you can watch up to 16 cameras in a 4 by 4 latticed multi camera view.
By clicking this icon, you can see all-screen view. To return to normal screen view, enter the “ESC” key.

- In the latticed multi view, you can arrange the positions of the cameras. After selecting any position from any latticed views, double-click the desired camera in the <Cameras> menu.
- You can save any camera view to the <Views> menu by clicking ★ icon.
- You can also create a multi view by clicking <+> icon in the <Views> menu. Check the camera(s) to be included in this multi view, enter the “View Title”, and click <Ok>. This view (multi view) will be added to the <Views> menu.

- You can select a multi view or a view from the <Views> menu.
• In order to remove or change a view, click < left or right >. You can remove a view or change its view title or its member cameras.
C. Creating Video Clip

A user can create a video clip from a recorded video. Created clips can be downloaded to the user’s PC or can be shared with others.

- To create video clip, click icon located at the bottom right.
- You can create a Normal, Time-Lapse, and Event video clip by selecting one of them.
- Adjust the time interval of a video clip that you wish to create by moving the yellow bar appearing in the time bar.

5. Free Cloud Storage Service with no Paid Storage Plan

Secure Watch service provides 24-hour live video access and one-day free cloud storage service of event trigger video clips for a camera for which no cloud storage plan has been purchased. If you click a camera with free cloud storage plan, the following page will be displayed. The live video will be shown in the main view and the list of event videos stored in the cloud will be shown below.
To play a certain event video from the list, click it. Then, the following pop up window will be shown.
- You can access the video directly in the download folder. To do it, click "Open Folder".
- To display event lists in a different time, move your mouse in the left or the right direction while pressing and holding the mouse’s left button.
- Note that a camera with a free plan does not support playback in timeline.

- Live streaming is supported free of charge. However, if it is serviced via cloud, its duration is limited to 2 minutes. In such a case, the following message will be displayed before the live video is disconnected. This limitation is not imposed when the connection is established in a peer to peer mode. To make a live session be connected in a peer to peer mode, you may need to enable UPnP (Universal Plug and Play) or set up port forwarding in your router behind which the camera is located.
6. EMAP

- Clicking <EMAP> displays a map view.
• By double-clicking a desired camera in the camera list on the left hand side, you can locate it to the map. The newly-added camera will be located at the center of map. You can move the camera’s location by moving its icon.

• Clicking the <Setting> icon on the upper right hand side toggles the setting and the view modes. In the setting mode, you can move a camera to change its location on the map.
- Clicking the <Remove> icon button turns on or off the remove mode in which you can remove a camera from the map.

- Clicking a camera icon pops up its thumbnail.

- If you click the thumbnail, the camera’s live view is displayed in the <VIEWS> window.
7. EVENTS

You can monitor the events captured by cameras. Supported event types are motion detection, sound detection, and tampering events.

- To watch event-recorded videos, move to <EVENTS> window by clicking <EVENTS> tab. This window will show the list of cameras and a selected camera's event list.
If you double-click a camera, its latest events will be listed. You can select a desired date in the date menu.

By selecting an event from the list table, you can play the event.
8. Setup

You can change the settings of the account or cameras by clicking < > icon.

A. My Account

- You can access <My Account> page by clicking your account ID, located on the left top corner.
- In this menu, you can change your name and password.

- To change password, click <Change Password> and enter old password and new password twice. To save this change, click <Save>.
B. **App Settings**

- Click <App Settings> to change app settings. In this menu, you can select language and enable or disable auto-login. Also, you can verify the version of the current app.
C. Announcement

- Click <Announcement> to display the Announcement window.

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Date Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Announcing Secure Watch Device</td>
<td>11/02/2017 15:40:00</td>
</tr>
</tbody>
</table>
Click a desired announcement in the list to display its contents.
D. My Account

- Click your account ID on the left top corner to change the account information.
- In this menu, you can change your name and/or password.
E. User Management

- A user who has added a camera or cameras to his or her user account is the administrative (admin) user of the cameras. In this menu, an admin user can create additional sub-user accounts for his or her family members or employees. The users with those accounts are considered manager user, member user, or custom user. These users can access limited features of the cameras.
  - A member user can watch live video and recorded video.
  - A manager user can watch live video and recorded video. Plus, he or she can create, download, and share video clips.
  - A custom user can use any features that the admin user assigns.

- To create such an account, click <+New User> icon. Enter the user name and its password. User name can contain alphanumeric characters and period (.). Select the user type (manager, member, or custom). Finally, select the cameras that you want this sub-user to access. To complete, click ‘Apply’.
• To change or remove a sub-user account, click a desired user entry. Then, the following window will show up.
F. Camera Management

- To access Camera Management, click <Camera Management>. Then, the list of the cameras that you can manage will be displayed. Note that only the admin user can access the camera settings. There are two menus that can be accessed from this page: firmware upgrade and camera setting.

Firmware Upgrade

- For each camera registered, all the camera firmware information including upgrade status are displayed.
To upgrade a camera’s firmware, click its <Firmware Upgrade> icon. Then, the following pop up window will show up. Click <OK> to perform firmware upgrade.

Do you want to update firmware?

Camera Setting

To manage a camera’s setting, double-click its <icon> icon. Then, a pop-up window will be displayed as below.
<table>
<thead>
<tr>
<th>No.</th>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Camera Name</td>
<td>Use this menu to rename the title of this camera.</td>
</tr>
<tr>
<td>2</td>
<td>Time Zone</td>
<td>Use this menu to modify the camera’s time zone.</td>
</tr>
<tr>
<td>3</td>
<td>Camera On/Off</td>
<td>Users can manage the streaming of camera. When it is turned off, the camera will not stream live video or record video.</td>
</tr>
</tbody>
</table>
4 Privacy

Use this menu to control the streaming and the recording of the video of this camera. Once it is enabled, the camera allows or stops live streaming and recording, depending the setting of <HOME/AWAY> indicator on the admin user's Secure Watch Mobile application. If Privacy setting is disabled, the camera is not affected by the setting of <HOME/AWAY> indicator setting on the admin user's Secure Watch Mobile application.

5 Recording Enable

Use this menu to control the camera's recording. If disabled, the camera stops recording.

6 Recording Mode

Use this menu to control the camera's recording mode. Three modes are supported: Continuous, Event, and Schedule.

This menu is shown when recording mode is set to 'Schedule'. Using this menu, you can control the recording schedule of the camera in a detailed manner. How to set the schedule is described later in this section.

7 Recording Schedule

This menu is shown when recording mode is set to 'Schedule'. Using this menu, you can control the recording schedule of the camera in a detailed manner. How to set the schedule is described later in this section.

8 Resolution

Use this menu to change the camera's resolution.

If this option is set to 'Always On', the camera will always work in the black and white mode and turn on the IR (Infrared) LED. If it is set to 'Auto', the camera will switch from/to the black and white mode in the dark and the bright conditions automatically.

9 Night Vision

Use this menu to flip the video over so that the up and the down sides of the video are changed.

10 Video Flip

Use this menu to change the right and the left sides of the video.

11 Video Mirror

Use this menu to adjust brightness and contrast of the camera.

12 Video Color

(Optional) Use this menu to enable or disable the camera's audio if the camera supports audio.

13 Audio

Use this menu to enable or disable detection of the camera's motion events. The user can define up to four Zones in which motion events are detected. To set up Zones, click 'Zone Setup'. The next step is explained later in this section.

14 Motion Event

Use this menu to enable or disable detection of the camera's audio events. The user can set the threshold of audio level which is used to determine whether a sound event has occurred or not. If a bigger threshold is set, less sound events will be detected, and vice versa.

15 Sound Event

Use this menu to enable or disable detection of a tampering event of the camera.

16 Tamper Event

Use this menu to select the types of events that you wish to notify to your smartphone.

17 Notifications

Use this menu to enable or disable email notification.

18 Email Notifications

This shows the detailed technical information of the camera.

19 Technical Info

The user can reboot the camera remotely using this menu. While rebooting, the camera will not record or stream live video.

20 Reboot Camera
Recording Schedule

- In order to set up Recording Schedule, you must set <Recording Mode> to <Custom>. If <Recording Mode> is set to <Continuous>, the camera records all the time. If <Recording Mode> is set to <Event>, the camera records only when events are detected.
- In order to set up Recording Schedule for <Custom> mode, click <Recording Schedule>. Then, the following pop-up window will be displayed.

Setup Zones for Motion Events

- Zones are areas in which events are detected. Up to four zones can be defined. In order to define a zone, select desired areas by moving a mouse while pressing and holding the mouse button as you can see.
In this window, you can also set motion sensitivity. If it is set to a higher value, motions are more likely to be detected.

**G. Clip Management**

- Click <Clip Management> to access the video clips that you created. Then, the list of video clips that you created in the cloud will be shown.
· To create or edit the title of a clip, click the clip’s icon. Then, the title will be changed to ‘Untitled’. Overwrite it with a new title.
  · To delete a clip stored on the cloud, tap <Remove>.
  · To download a clip onto your PC, click <>. Once downloading is completed, the icon is changed to <>. Click <> to play the clip. To open the download folder, click <Open Folder>.

H. Storage Plan

· Click <Storage Plan> to manage storage plans for your cameras. To update storage plans, you must enter your account ID and password.

· Upon successful login, the following Storage Plans and Billing info will be shown.
This page will show the license information for the cameras that currently subscribe to paid storage plans. To add storage plans to cameras without storage plans, click <CAMERAS WITHOUT PLANS>. Select cameras that you wish to add plans to.

Scroll down to select storage plans and payment options. Click <PROCEED TO PAYMENT>.
The following CHECKOUT page will be shown. Scroll down, enter the credit card info, and click <SUBMIT> to complete.
I. Technical Support

- Click <Technical Support> to obtain technical support information.