



ACTi Mobile Client for iOS

User's Manual

Version 1.0.17

Table of Contents

1	Overview	3
	Introduction.....	3
	Network Architecture	3
2	Setup	4
	Pre-requisites.....	4
	Download & Installation	5
	Add a Server / Camera	6
	Manage Sites.....	8
	Enter Edit Mode	8
	Delete/Modify a Site.....	8
3	Connect a Site / Device	9
4	Operation Instructions	10
	View Screen.....	10
	Live View Single Channel Screen.....	11
	On-screen Alerts	12
	On-screen Controls.....	13
	Enable PTZ.....	14
	Optical PTZ	15
	Digital PTZ	16
	Go to Preset Points	17
	Playback Single Channel Screen	18
	On-screen Controls.....	19
	Send a Channel to TV Wall.....	22

Overview

Introduction

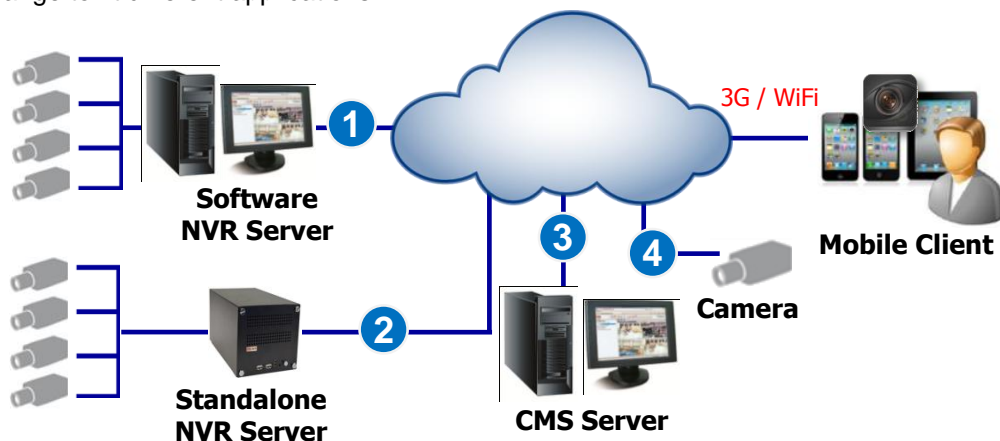
ACTi Mobile Client is a free app running on **iOS** devices (iPad, iPhone and iPod touch) that allows you to remotely monitor camera live view output from ACTi video management systems and ACTi cameras.

This app can provide 6-grid live view, single channel live view, real-time PTZ control, digital PTZ, going to presets, manual recording and screen snapshots on mobile devices.

ACTi Mobile Client is ready to connect with an ACTi central management system server, an ACTi software network video recorder server, an ACTi standalone network video recorder and an ACTi camera without further configuration or installation.

Network Architecture

The service architecture is described in the following figure. Please note that the architecture may change to fit different applications.



Scenario 1

ACTi Mobile Client connects with a software NVR server.

Scenario 2

ACTi Mobile Client connects with a standalone NVR server.

Scenario 3

ACTi Mobile Client connects with a central management system server.

Scenario 4

ACTi Mobile Client connects with a camera.

Setup

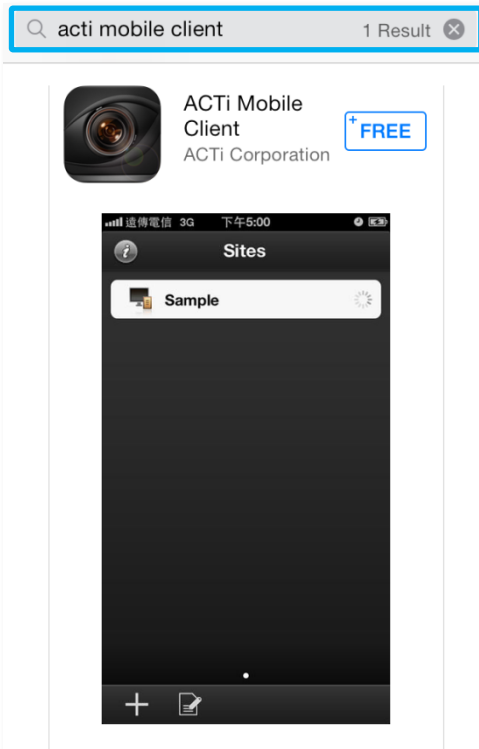
Pre-requisites

Before using **ACTi Mobile Client**, please make sure pre-requisites below are fulfilled:

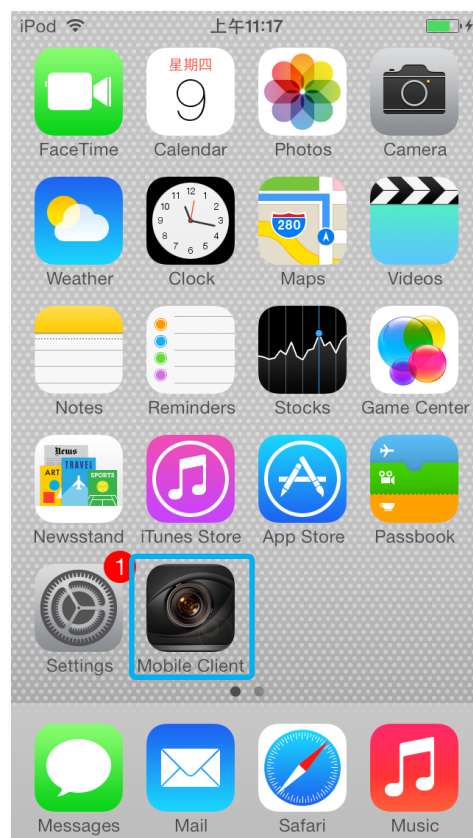
1. Your server site (software NVR servers, CMS servers or standalone NVR servers) or camera firmware has been upgraded to the latest compatible versions.
Please go to www.acti.com/downloadcenter and review the VMS release notes for compatible version information
2. Your iOS device (iPad, iPhone and iPod touch) has been upgrade to iOS 7.0 or later.
3. To enable optical PTZ functions, preset points or video motion alerts on **ACTi Mobile Client**, please make sure you have properly configured and tested the related functions via CMS/NVR/ Standalone NVR/ camera firmware interface; to observe DI status or enable Manual DO Trigger buttons, please connect well the devices with the camera.


Download & Installation

To start using **ACTi Mobile Client**, please download and install this app in your device.



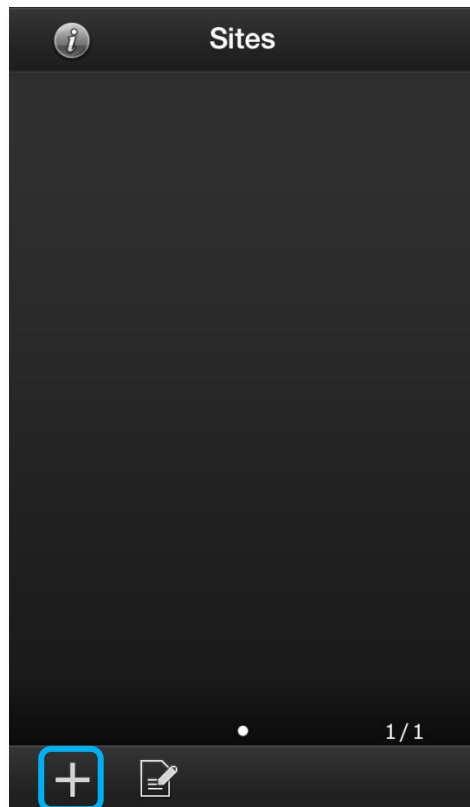
In “**App Store**”, search the keyword “**ACTi Mobile Client!**” and install the app directly. It requires Internet access for the mobile device.



After installation is complete, the application icon  will appear on main screen.

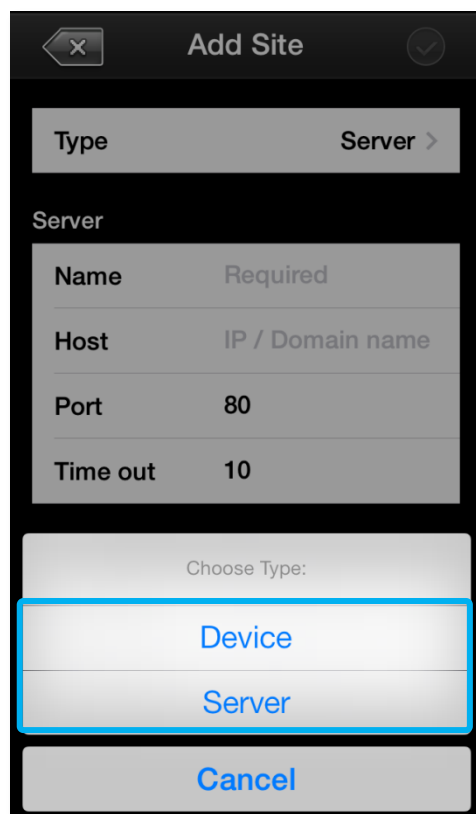
Add a Server / Camera

Tap on  to execute **ACTi Mobile Client**.



Step 1

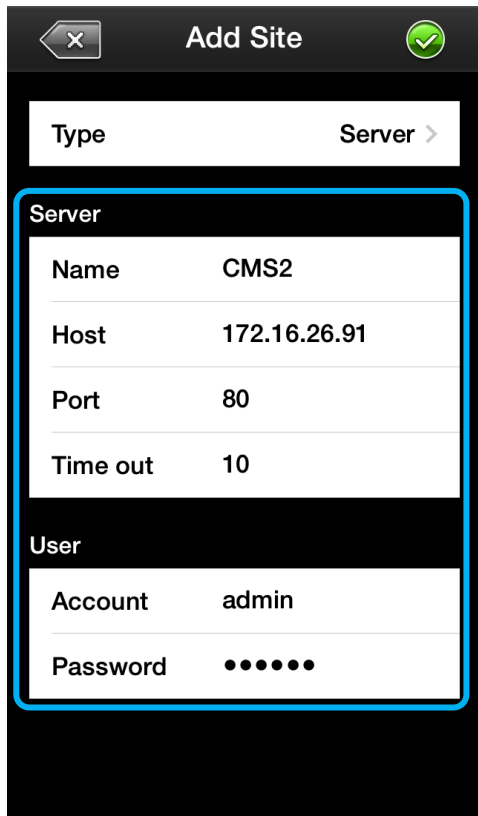
The **Sites** list is empty when you first enter **ACTi Mobile Client**. Tap the **Add** button “+” to start editing a new site/camera.




Step 2

On “**Choose Type**” window, select the video source type.

Select “**Device**” for a camera or a video encoder; select “**Server**” for a CMS server, a software NVR server or a standalone NVR server.



Step 3

Enter **Edit** page to fill in the connection properties for **ACTi Mobile Client** to connect the site, and then click  to save this site.

- **Name:** Server / Camera name
- **Host:** IP / Domain name address
- **Port:** Port number
- **Account:** Server site / Camera account
- **Password:** The password for this account.

If this is a camera, please click “**Get Device Setting**” before saving to make sure this device is accessible.

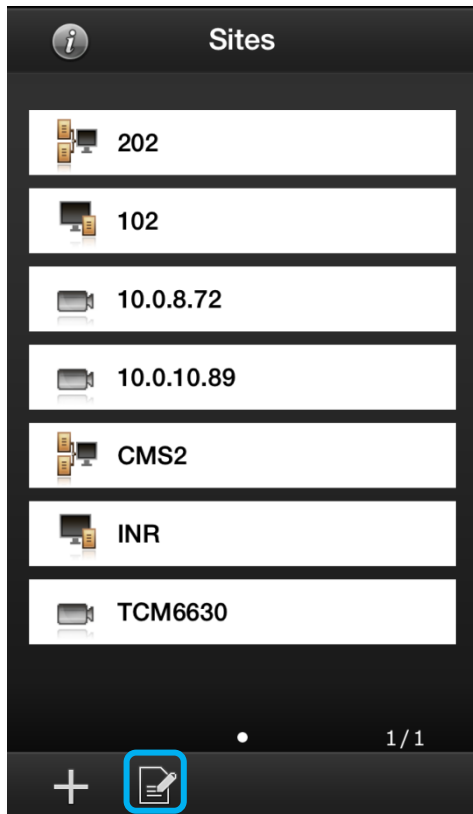


Note


The permission to see certain views or devices on a NVR / CMS server is defined by the group permissions of your account. If you cannot see certain views or devices, ask the system administrator to modify your user group settings.

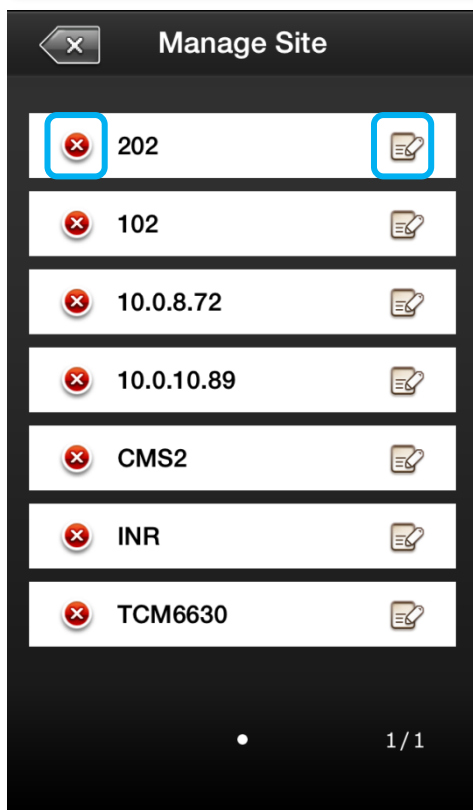
Manage Sites

Upon entering **ACTi Mobile Client** interface, you will first see the **Sites** list.





Enter Edit Mode


To edit the existing sites, tap  on the bottom to enter the edit screen.



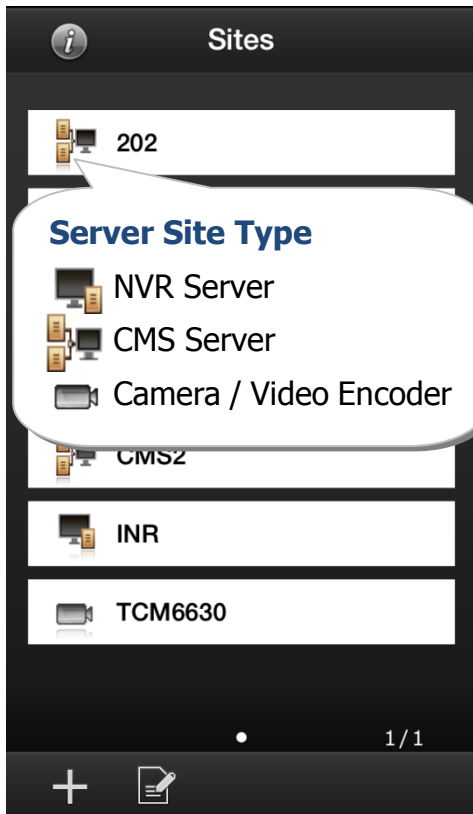
Delete/Modify a Site

In edit mode, select a site, tap  to delete it or tap on  to modify the site's properties.


Note

On **ACTi Mobile Client** interface, you can always tap  on title bar to return to the upper layer

Connect a Site / Device



Step 1

Tap on  execute **ACTi Mobile Client**. Tap a site on **Sites** list.

If you are connecting to a camera / video encoder site, you will directly enter the live view.

Note

Please make sure your site is accessible via Internet, and that you iOS device is connected to the Internet.



Step 2

After successfully connecting to a server site, you will enter **View Selection** screen. The NVR **Sources** (on CMS server site only) and User customized **Views** will be listed here.

You may tap any view to enter the live view, or choose “**All Camera**” to see all cameras live view.

You can input the view name in **Search Source / View** bar to perform a quick search.

Note

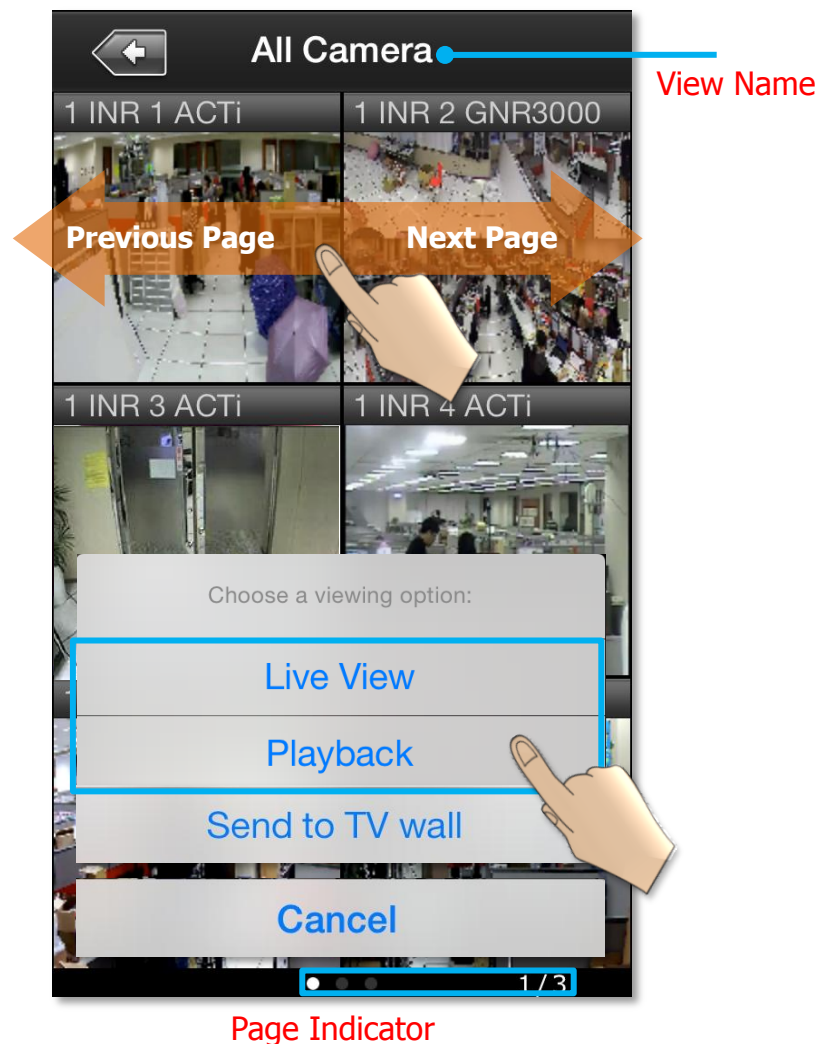
ACTi Mobile Client will display each view in 6-grid layout despite the original view layout.

Operation Instructions

View Screen

Upon entering a **View**, you will be provided with a 6-grid layout screen despite the original layout style presented on the original interface; each mini channel will display continuous live snapshots at 1 frame per second.

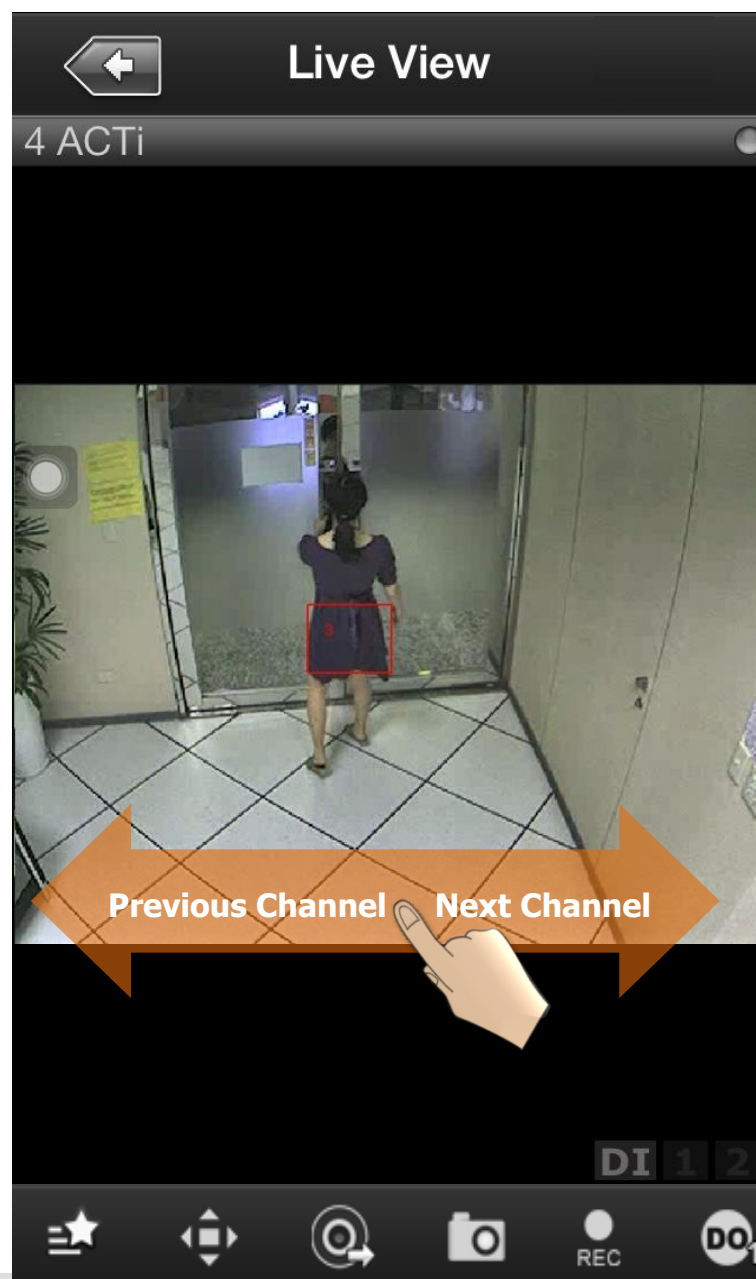
To enter a **Live View Single Channel Screen**, tap the channel, and tap “**Live View**” on the popup window. To enter a **Playback Single Channel Screen**, tap on a channel and select “**Playback**” on the popup window. If there are more than six camera channels in this view, the page indicator will appear on the bottom, and you may swipe horizontally to navigate other pages.



Live View Single Channel Screen

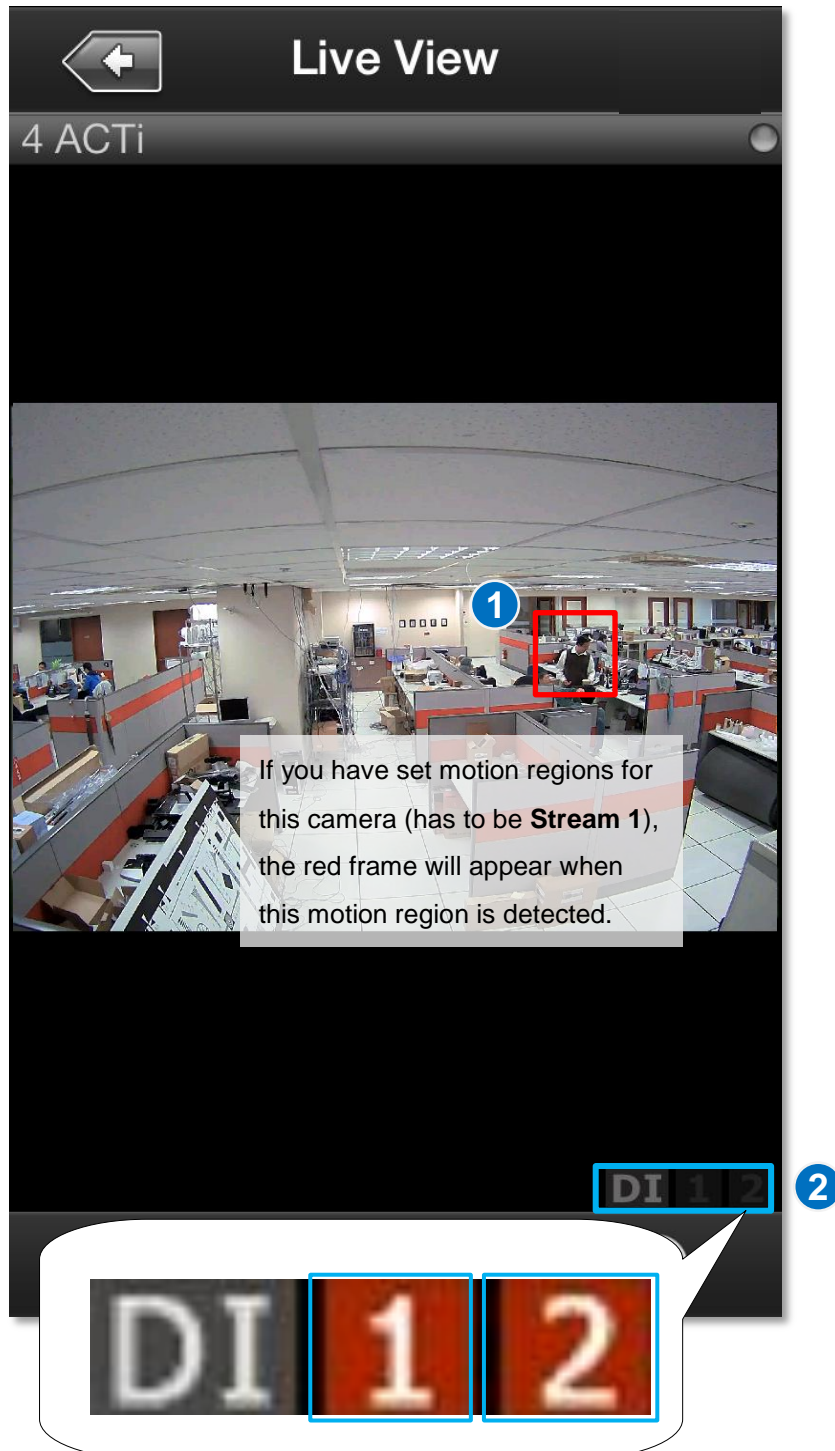
On a single channel screen displays the camera's live streaming. You may:

- Watch live streaming of a camera by its original resolution.
- Switch to another camera channel or another View at ease.
- Observe triggered motion/DI indications
- Take a snapshot of live view
- Manipulate digital/optical PTZ operation
- Perform manual-recording
- Manually trigger DO device



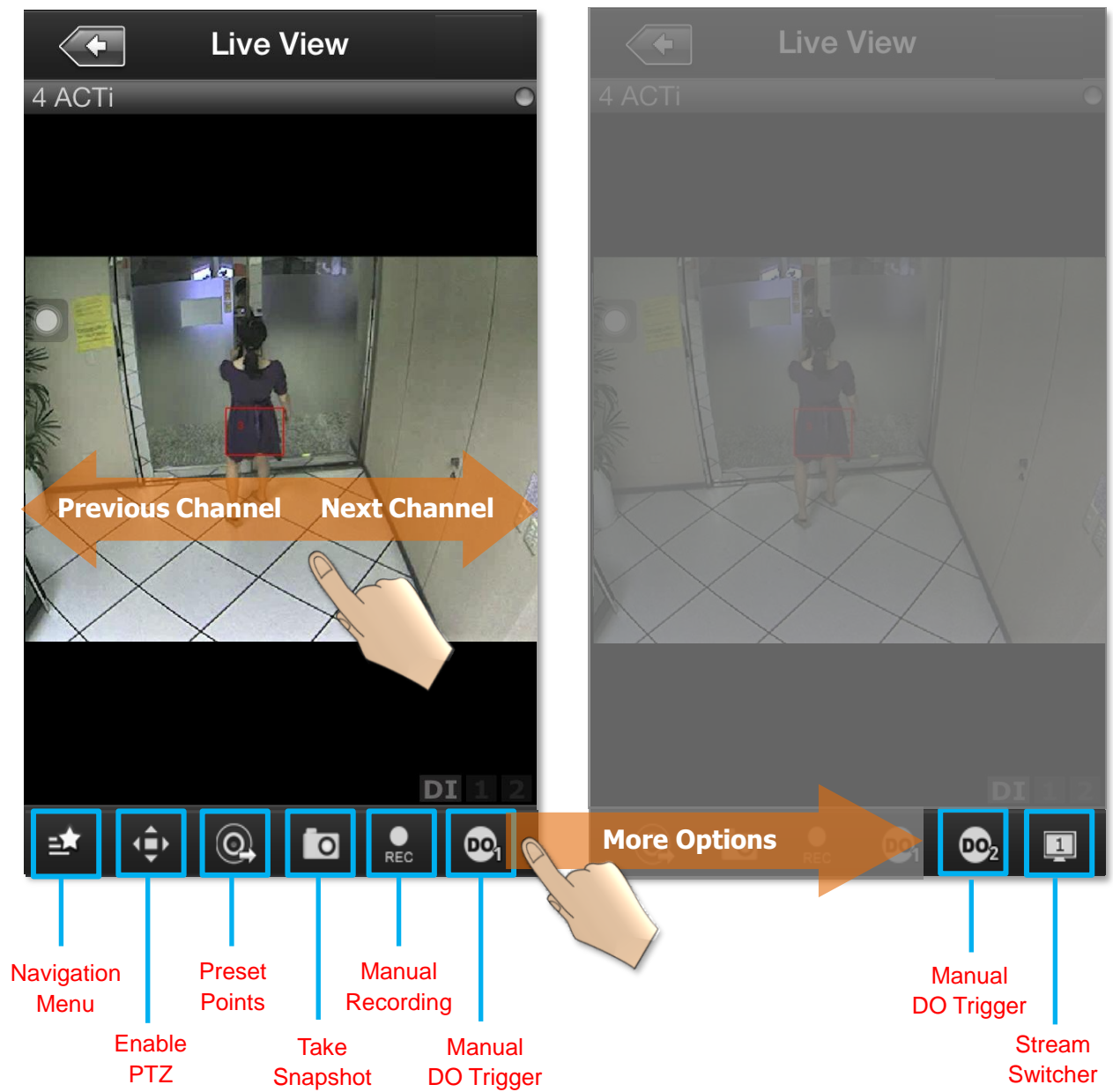
On-screen Alerts

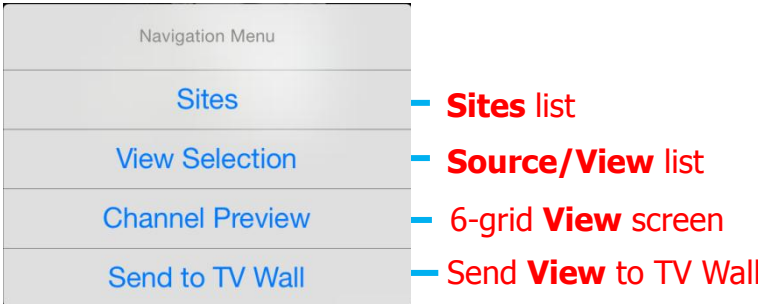

You may observe two kinds of event alerts: detected motion and triggered digital input.



Once the connected DI device is triggered, the DI number will appear in orange. You have to make sure the DI device has been well connected and configured with the camera first.

On-screen Controls



Function	Description
<p>Navigation Menu</p>	<p>The Navigation Menu offers shortcuts to other video source screen:</p>  <ul style="list-style-type: none"> — Sites list — Source/View list — 6-grid View screen — Send View to TV Wall
<p>Enable PTZ</p>	<p>Tap to enable PTZ manipulation. For detailed instructions, please refer to the Operate PTZ Functions section in this document.</p>
<p>Preset Points</p>	<p>Tap to see list of Preset Points available. For detailed instructions, please refer to the Go To Preset Points section in this document.</p>
<p>Take Snapshot</p>	<p>The snapshot will be saved as *.JPEG file to the default photo album on your device.</p>
<p>Manual Recording</p>	<p>Click to start / stop manual recording. As the video is being recorded, this button will appear red  until you click it again to stop recording, and the recording is saved on your NVR server site.</p>
<p>Manual DO Trigger</p>	<p>Tap it to bring up the DO buttons. If the DO device is connected, the button will be enabled, and you may tap it to trigger the device. You have to make sure the DO device has been well connected and configured with the camera first.</p>
<p>Stream Switcher</p>	<p>Click to switch between showing Stream 1 or Stream 2 of your device or server.</p>

Note





Some icons, including “**Preset Points**”, “**Manual DO Trigger**”, and “**Stream Switcher**” may only appear if related settings are supported or have already been set in your device / NVR / CMS server.

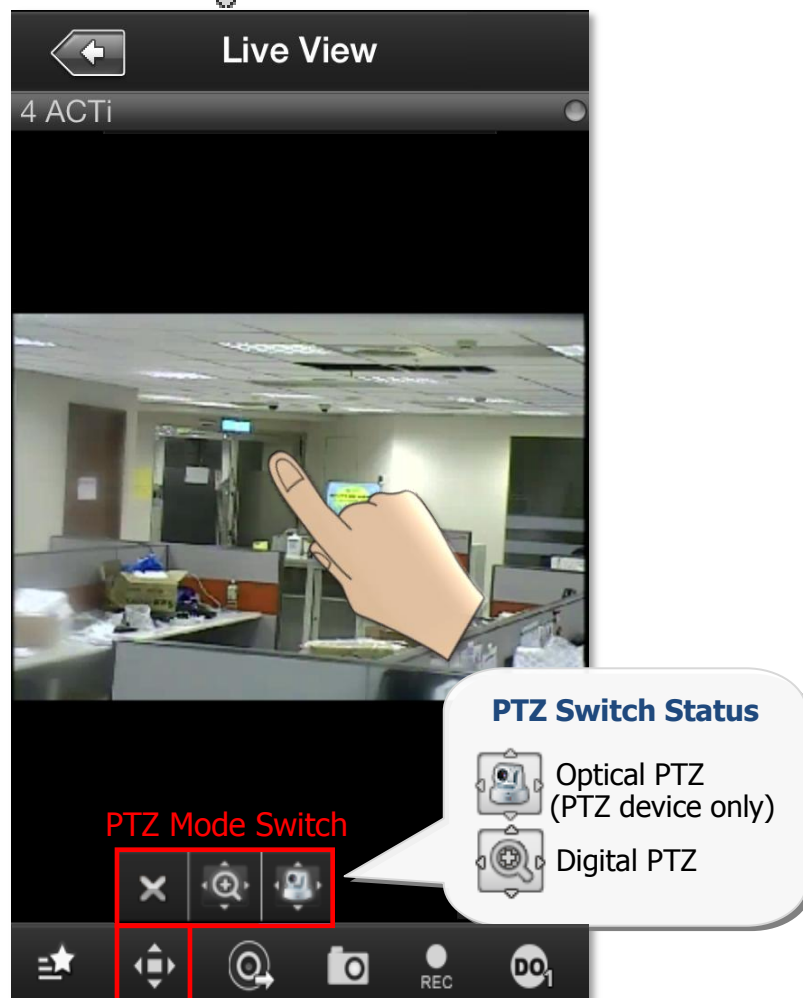
Operate PTZ Operations




You may control **Optical PTZ** functions (for models with Pan/Tilt/Zoom capabilities) or **Digital PTZ** functions (with all camera models) on single channel screen.

Optical PTZ

To manipulate **Optical PTZ** function, please make sure the PTZ functions have been successfully enabled and properly set on NVR server. To start,





1. Tap  to enable PTZ manipulation.
2. Select the  icon to enter **Optical PTZ** mode. You can use hand gestures to manipulate the movements and zoom levels.
3. To return to normal live view, tap  again and click on .








Function	Zoom in	Zoom out	Pan / Tilt
Hand Gesture	Spread 	Pinch 	Swipe 

Digital PTZ


ACTi Mobile Client supports Digital PTZ operation by hand gestures on screen for all camera models. To start,

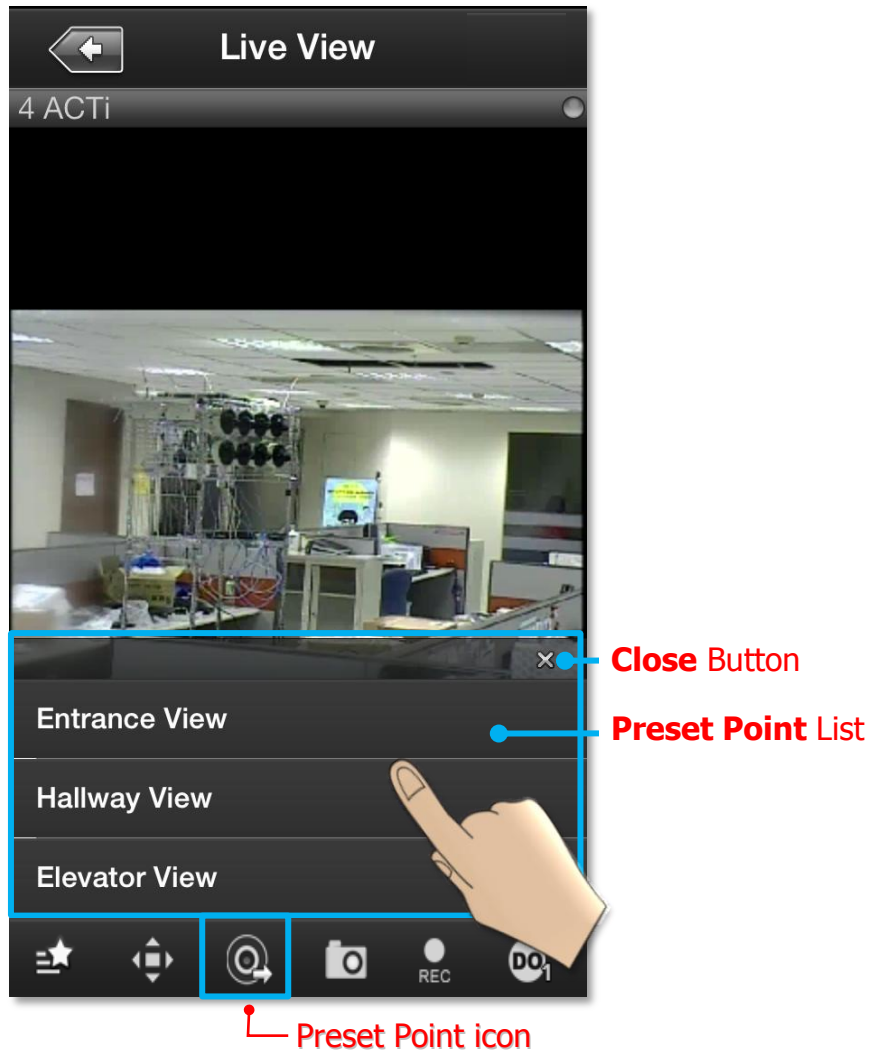
1. Tap  on the bottom to enable PTZ manipulation.
2. Select the  icon to enter **Digital PTZ** mode. Use hand gestures to perform digital zooming, panning or tilting.
3. To return to normal live view, tap  again and click on  .



Function	Zoom in		Zoom out		Pan / Tilt
	Spread	Double-tap	Pinch	Double-tap	Swipe
Hand Gesture					

Go to Preset Points

If you have previously set the preset points for a PTZ device through NVR interface, the **Preset Point Panel** button  will appear on the bottom. Once you tap on it, a list of pre-defined preset points will be shown. Tap on a preset point to make the device go to this point.



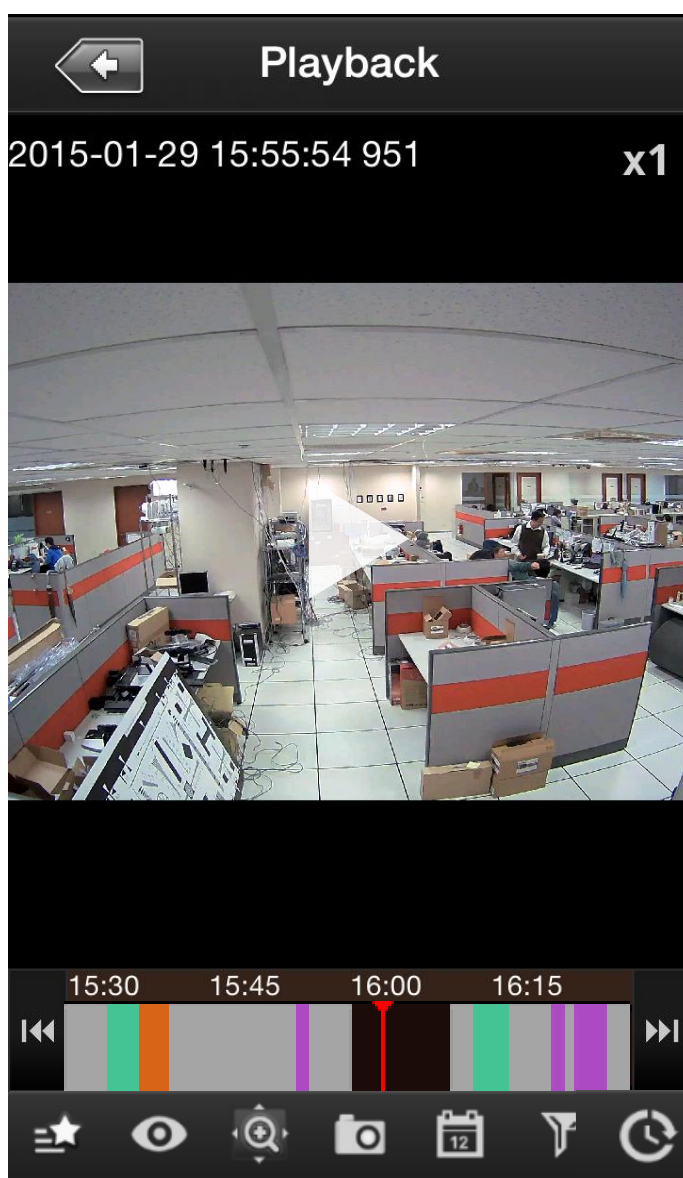
Note

Current NVR v3.0.08 and previous versions do not support ePTZ operation of 6VGA streaming mode. If camera is 6VGA mode, please operate the PTZ function through camera web configurator.

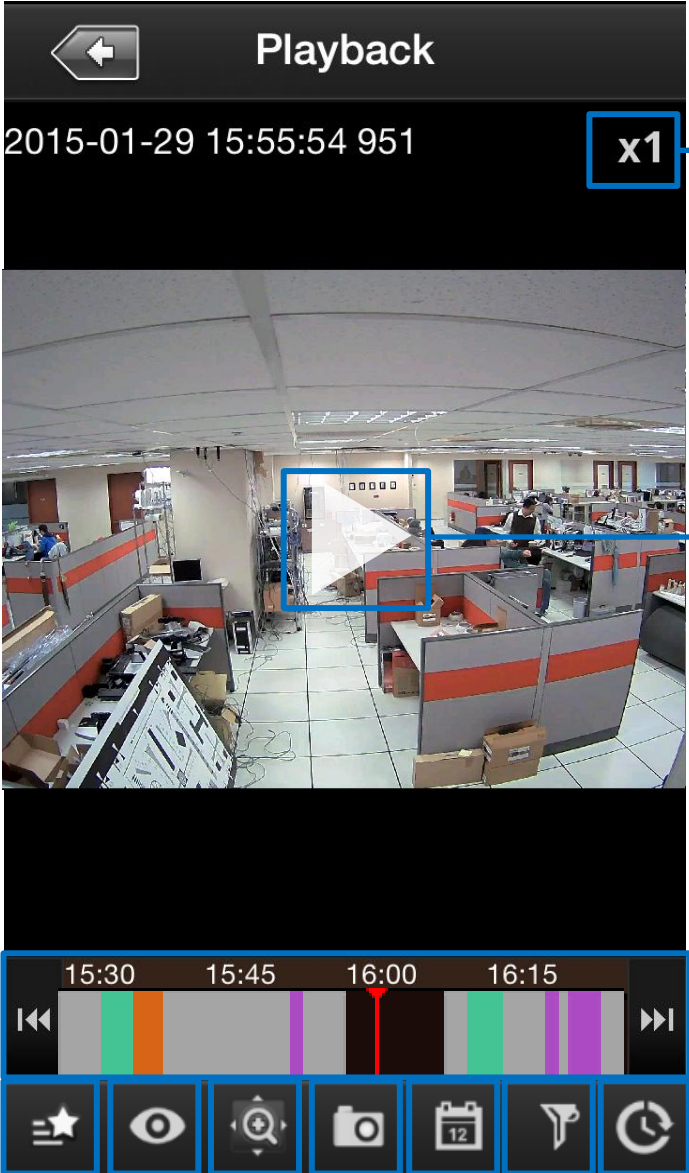
Playback Single Channel Screen

A playback channel screen displays previous recordings captured by the camera. You may:

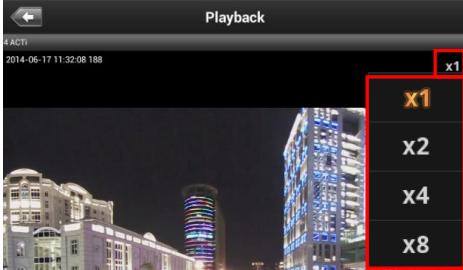


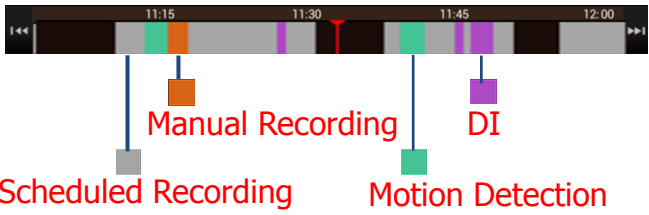
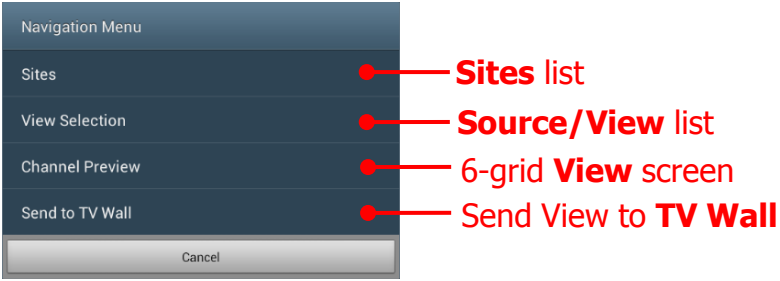
- Playback previous recordings captured by the camera and saved in the NVR
- Switch to another camera channel or another view at ease
- Control the speed of the footage being played
- Observe triggered motion/DI indications
- Observe video recorded at a specific time
- Take a snapshot of the current view
- Manipulate digital PTZ operation




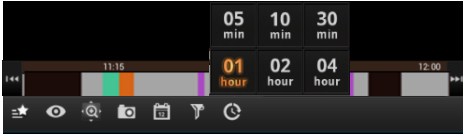


On-screen Controls



The screenshot shows the 'Playback' screen of the ACTi Mobile Client. At the top, there is a back arrow and the title 'Playback'. Below this, the date and time '2015-01-29 15:55:54 951' are displayed. A speed control 'x1' is located in the top right corner. The main area shows a video feed of a call center. A playback control bar is overlaid on the video, featuring a play button and a progress bar with time markers at 15:30, 15:45, 16:00, and 16:15. At the bottom, there is a row of seven icons: a star, an eye, a magnifying glass, a camera, a calendar, a funnel, and a clock. Labels with blue lines point to these icons and other controls: 'Speed Control' points to the 'x1' button; 'Playback Control' points to the play button; 'Time Track' points to the progress bar; 'Navigation Menu' points to the star icon; 'Live View' points to the eye icon; 'Digital PTZ' points to the magnifying glass icon; 'Take Snapshot' points to the camera icon; 'Date/Time Picker' points to the calendar icon; 'Event Filter' points to the funnel icon; and 'Time Track Scale' points to the clock icon.

Function	Description
<p>Speed Control</p>	<p>Tap to select between 4 different playing speeds. By default, the player will play at normal speed (x1).</p> 
<p>Playback Control</p>	<p>Tap to play/pause the video.</p>
<p>Time Track</p>	<p>Time track shows the time frame of the video you are viewing. The current time of the video will always be marked by the red line in the center. Toggle the time track to move forward or backward in the video footage. You can use the  icon to jump to a previous block of recording, or the  icon to jump to the next block of recording. Events that are recorded will be represented by different colors, as follows:</p> 
<p>Navigation Menu</p>	<p>The Navigation Menu offers shortcuts to other screens:</p> 
<p>Live View</p>	<p>Tap to see Live View of the current device.</p>
<p>Digital PTZ</p>	<p>Tap to enable digital PTZ manipulation. For detailed instructions, please refer to the Digital PTZ section in this document.</p>
<p>Take Snapshot</p>	<p>The snapshot will be saved as *.JPEG file to the default photo album on your device.</p>

<p>Date/Time Picker</p>	<p>Select the year, month and day you would like to see and click . Continue by selecting the hour, and minute you would like to view and click .</p> 
<p>Event Filter</p>	<p>Tap to select which events you want to be highlighted in the Time Track. As default, all captured events will be highlighted.</p>
<p>Time Track Scale</p>	<p>Allows you to adjust time frame displayed on the Time Track from 6 options.</p> 

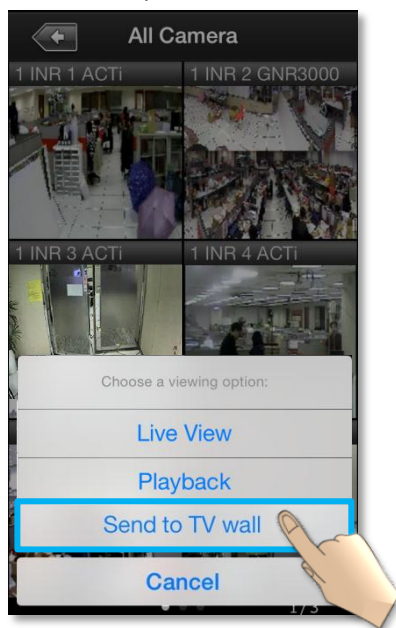
Send a Channel to TV Wall

To be able to send a camera view to a TV Wall, please make sure the TV Wall has been set up to work with the CMS server you are connecting to.

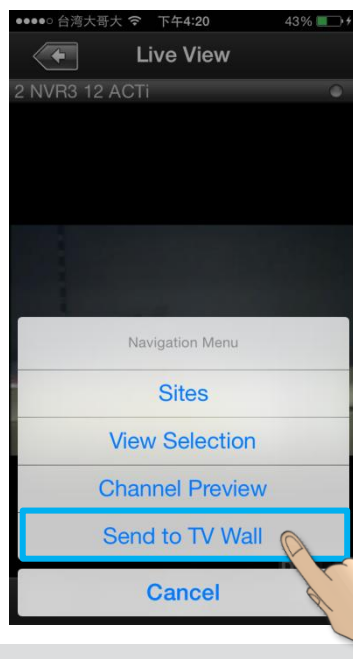
To send a camera view to a wall, follow these steps:

- 1) Click on the **“Send to TV Wall”** function. There are two ways to access the **“Send To TV Wall”** function:

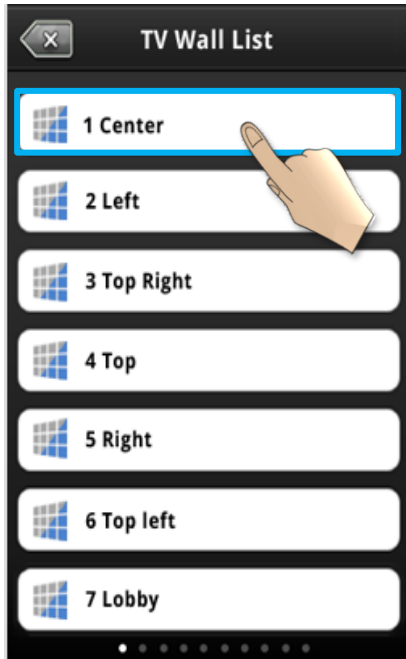
- a) You can tap on a channel in the **View Screen**, and select **“Send to TV Wall”**.



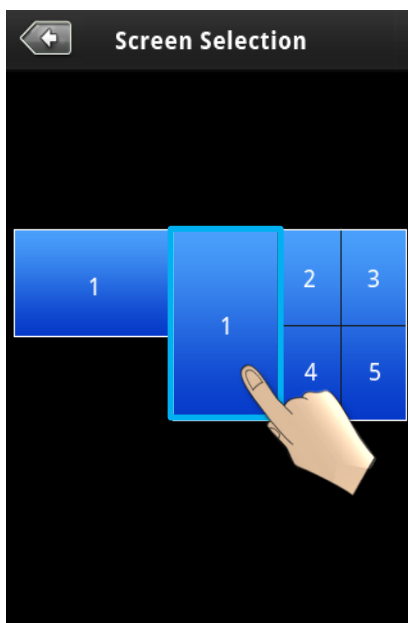
- b) You can click on the **Navigation Menu** in the **Single Channel Screen**, and select **“Send to TV Wall”**.



- 2) After clicking on “**Send to TV Wall**”, you will be taken to the **TV Wall List**. If your CMS server is connected to more than 1 TV Wall Server, you can select which server you would like to use by clicking on it.



- 3) After selecting a TV Wall Server, you will be taken to **Screen Selection**. If your TV Wall Server is composed of more than 1 screens/monitors, you can select the screen/monitor that you would like to send your camera view to.



- 4) After choosing a screen/monitor, you will be taken to **Layout Selection**. The screen/monitor you chose may have layouts with multiple channels. Select the channel on the layout that you would like to send your camera view to.

