View Lite II - Mobile VIGIL VMS Client

V4.0.0(Android) / v4.0.0(iOS) User Guide

Revised: April 1st 2017

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1 Introduction

With the exponential growth of wireless and mobile capability, the potential for instant and direct access to your security network via a mobile device has become reality. Welcome to 3xLOGIC's View Lite II Smart Device application, the newest member of 3xLOGIC View family of smart device applications.

With 3xLOGIC's View Lite II you can use your Apple iOS or Android OS device to view live streams of all cameras connected to your 3xLOGIC VIGIL Server(s). View Lite II is designed to connect and view both IP and analog cameras from a configured VIGIL Server. With a simple drag-and-drop interface, saved views and several different layout options, you can easily view up to 48 live cameras on your mobile device.

To compliment this core functionality, features such as VIGIL Connect, 3xCLOUD and VCM video source integration, still image exports, full PTZ control (on applicable cameras), relays (DIOs), Alarm push notification, POS Search and full playback capability give View Lite II a powerful feature set that far exceeds standard mobile video management offerings.

1.1 Requirements

This user guide is current as of View Lite II **v4.0.0** for Android and **v4.0.0** for iOS.

View Lite II is compatible with VIGIL Server **7.10.140** and newer.

On VIGIL 7 series systems predating v7.0.0140, a full update to v7.10.0140 is not necessary. Only the VIGIL Server 7.10.0140 .dll update is required.

2 Using View Lite II with an Apple iOS Device

The following section will outline the installation and basic usage of 3xLOGIC View Lite II on your Apple iPhone or iPad device. 3xLOGIC View Lite II is compatible with Apple products running s iOS 7.0 or later.

Note: The screenshots throughout this user guide were taken with an iPhone 4s and iPhone 5 running iOS 7. Please note the iPad/ iPad mini and iPhone application are the same application, with only larger or smaller viewing areas depending on the device being used. All interface components pictured in this guide will be located in the same area, relative to your device size.

2.1 Installing 3xLOGIC's View Lite II on your Device

To install 3xLOGIC's View Lite II app directly from your Apple device, navigate to the App Store's 3xLOGIC View Lite II page by tapping here.

Note: The above link will only function properly on an appropriate Apple device or a PC with iTunes installed.

Alternatively, you may search for the app through the iTunes App Store directly from your apple device. You will be presented with the below screen (or similar, depending on your Apple device generation.)

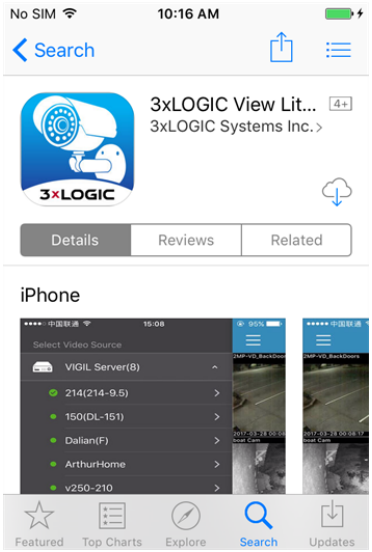

Figure 2-1: Downloading and Installing View Lite II - iOS

1. Click to begin the download. You will be prompted for your AppleID login credentials. If you have recently installed other software off of the iTunes App Store you will not be prompted for your Apple ID credentials. Login to begin the download and installation.
2. Download and installation progress will be indicated by the icon.
3. When installation completes, this symbol will turn into the OPEN button.
4. Tap OPEN to launch 3xLOGIC View Lite II, or return to your home screen and open the app by clicking the icon.

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2.2 View Lite II Main Screen

After saving a VIGIL Server, or when logging into the program after having already configured your Server lists, you will be presented with the 3xLOGIC Lite View Main Screen (pictured below). When running 3xLOGIC View Lite II for the first time, the main screen will appear with no active camera feeds.

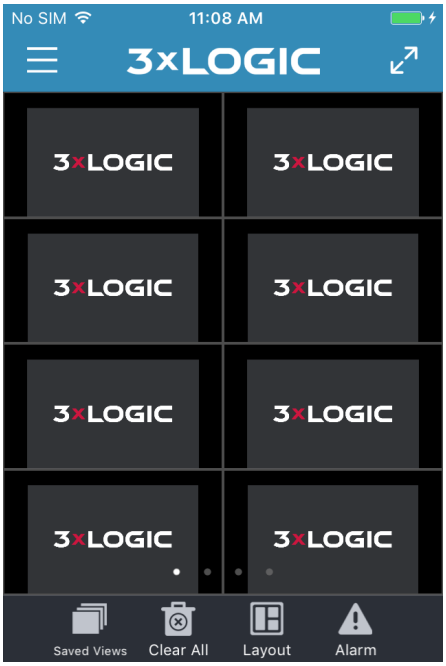
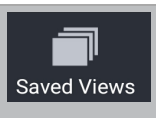


Figure 2-2: View Lite II Main Screen - iOS

	This button will take you to the *Views* screen which contains a collection of saved views.
	This button will clear the current layout of all cameras and windows. You will be asked to confirm this action.
	Select pre-configured layout options for your 3xLOGIC View Lite II main screen. Available layouts include: 1x2, 2x2, 2x3, 2x4. The dialogue pictured below will deploy. Up to 32 cameras can be displayed with a maximum of 8 (4x4) per layout page. See "Using Layouts on View Lite II" on page 23 for more information.
	Tapping this button will open the Alarms window. Alarms must be enabled via *Settings - Push Notifications* as well as within a specific Video Source's settings form. Push Notifications must also be enabled within your device's settings.
	Tapping this button places the layout pages in full-screen mode. The main screen toolbar and header bar will not be visible when full-screen mode is toggled on.
	Tapping this button will open the side options menu. See "Options Side Menu (iOS)" on the next page for more information.

Options Side Menu (iOS)

- Tap the button to open the Options side menu.

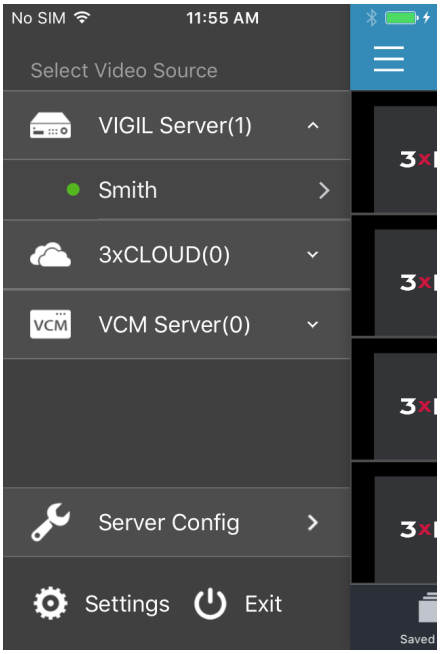


Figure 2-3: View Lite II Main Screen - Options Side Menu

From the Options side menu, a user can select cameras to display from a Video Source, enter Video Source/ Server Configuration, open View Lite II Settings or exit the app.

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2.3 Adding a Video Source to View Lite II

To add a video source:

1. Open the *Options* side menu and select **Server Configuration**. The Video Source list will display. The current count for a given video source is displayed in parentheses next to the source name.

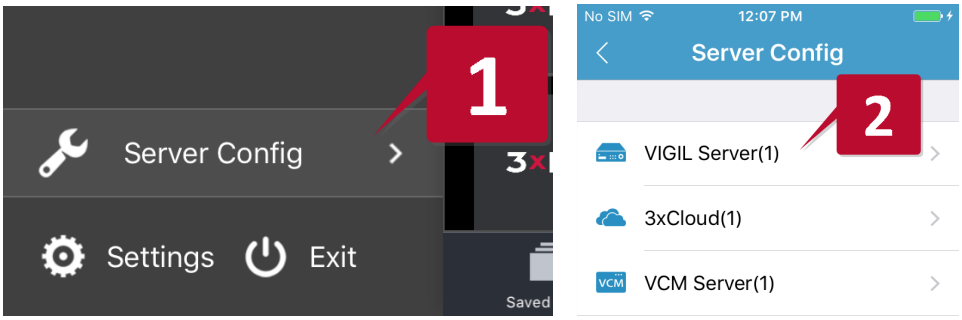


Figure 2-4: Adding a Video Source - Opening Server Configuration

2. Select the video source you wish to configure from the available menu. Available video sources include *VIGIL Server*, *3xCLOUD Account* and *VCM Server List.*

A menu of all available video sources of the selected type will now deploy.

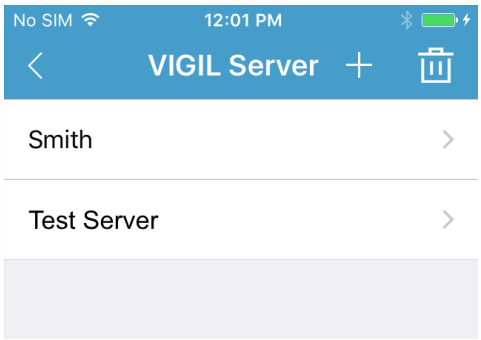


Figure 2-5: Adding a Video Source - Add Video Source

- To add a new instance of a video source (VIGIL Server in the above example), tap the icon
- To delete a video source, tap the icon. A red delete icon will appear next to each video source. Tap the delete icon next to the video source you wish to delete and tap **Yes** when you are prompted to confirm.

VIGIL Server

Select *VIGIL Server* to add a single VIGIL Server as a video source. This form also deploys the first time you run 3xLOGIC's View Lite II app or if no other video sources are detected.

To add a VIGIL Server to VIGIL View Lite II:

1. Open **Server Config** from the *Options* side menu.
2. Select **VIGIL Server**.
3. Tap the icon. You will be met with the window pictured below.

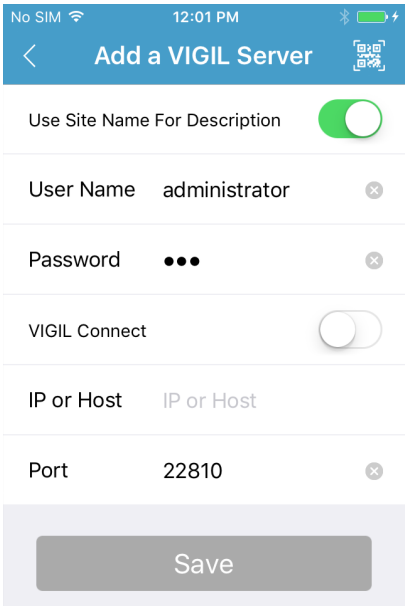
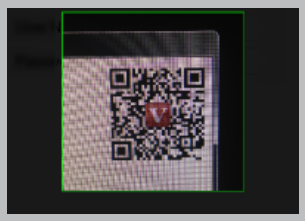


Figure 2-6: Add New Server Form - iOS

New VIGIL Server	
Description	Enter the *Description* of the Server you wish to save. This will be used throughout 3xLOGIC View Lite II to refer to the Server.
VIGIL Connect	Enable *VIGIL Connect* by setting this option to *On*. Set to *Off* to disable VIGIL Connect. The example above has VIGIL Connect disabled.
Host and IP/Port	Enter the Hostname/IP address and Port information of the Server you are attempting to save.
User Name and Password	Enter valid login credentials for the Server you are attempting to save.
Scan QR	Opens a QR code scanner. Scan a VIGIL Server's About Window QR Code to quickly auto-fill the View Lite II *Add Server* form.  **Figure 2-7:** View Lite II - Add a Server - QR Code Scanner - iOS

4. After filling in the appropriate fields, tap **Save** at the bottom of the *Add a VIGIL Server* screen. After a successful attempt, you will be notified with a prompt stating the VIGIL Server has been successfully added.

3xCLOUD

3xCLOUD is an online video management solution offered by 3xLOGIC. It consists of a list of VIGIL Servers added by a user, and a browser-based Client used to view streams from these servers using any number of devices (PC, Tablet, Smartphone). By adding a 3xCLOUD account to View Lite II as a video source, the user can interface View Lite II with cameras from any of the account's managed VIGIL Servers.

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To add a 3xCLOUD account to View Lite II:

1. Open **Server Config** from the *Options* side menu.
2. Select **3xCLOUD**.
3. Tap the + icon. You will be met with the window pictured below.

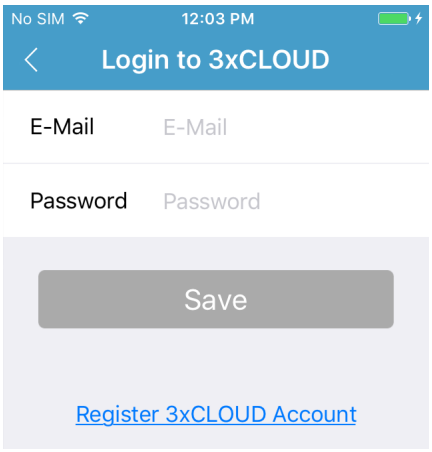

Figure 2-8: View Lite II - Add 3xCLOUD Account - iOS

4. Fill in the account login credentials and tap **Save** to add the 3xCLOUD account to View Lite II.

If a user does not have a 3xCLOUD account, but would like to register:

1. Select **Register 3xCLOUD Account**at the bottom of the *Login to 3xCLOUD* page. This will generate the sign-up form.
2. Fill in the appropriate fields, and submit the form.
3. Follow the instructions in the confirmation e-mail to create your 3xCLOUD account. When complete, use the above instructions to integrate your 3xCLOUD account with View Lite II.

Note: Adding VIGIL Servers to a 3xCLOUD account must be performed after registration via the web interface at www.3xlogiccloud.com. After adding VIGIL Servers to 3xCLOUD, all associated cameras will be available for display in View Lite II.

VCM

VIGIL Central Management (VCM) provides IT professionals with the tools they require to effectively manage multiple VIGIL Servers connected over massive, enterprise-level IP networks.

One of VCM's organizational features is the ability to separate all VIGIL Server's into hierarchal Server Groups. When a VCM Server is added to View Lite II as a video source, the user essentially adds all of the VCM's managed VIGIL Servers which are displayed to the user within their VCM Server Group hierarchy. Cameras from any of these Servers can then be interfaced with View Lite II.

To add a VCM Server to View Lite II:

1. Open **Server Config** from the *Options* side menu.
2. Select **VCM**.
3. Tap the + icon. You will be met with the window pictured below.

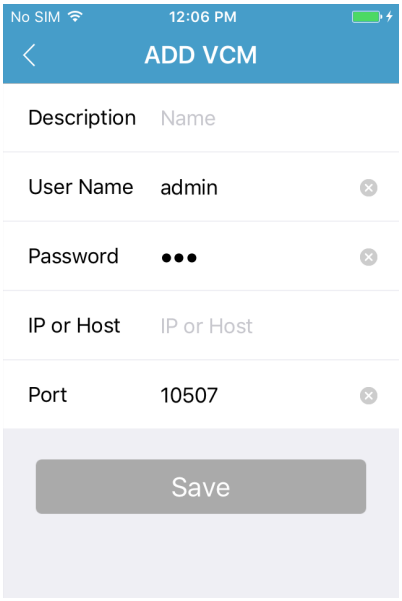

Figure 2-9: ADD VCM Form - iOS

New VCM	
Description	Enter the *Description* of the VCM you wish to save. This will be used throughout 3xLOGIC View Lite II to refer to the VCM currently being saved to View Lite II.
Host or IP and Port	Enter the IP address and Port info of the VCM Server you are attempting to save.
Username and Password	Enter the login credentials of the VCM you are attempting to save.

After filling in the appropriate fields, select **Save** at the bottom of the *Add VCM* screen. After a successful attempt you will be notified with a prompt stating the VCM has been successfully added.

Video Source Settings

After a video source has been configured and successfully saved to View Lite II, a *Cameras on Current Server* option will be available. Tap this item to open the video source's camera selection slider bar in the View Lite II main screen.

Push Notification settings will also now be configurable for the video source (if available). Tap the **Notifications** item to open the Push Notification settings for the selected video source. See "Configuring Push Notifications (iOS)" on page 29 for more information on configuring Alarm Push Notifications.

Note: Push Notifications must also be enabled in your iOS device's settings as well as within the View Lite II Settings menu to successfully function.

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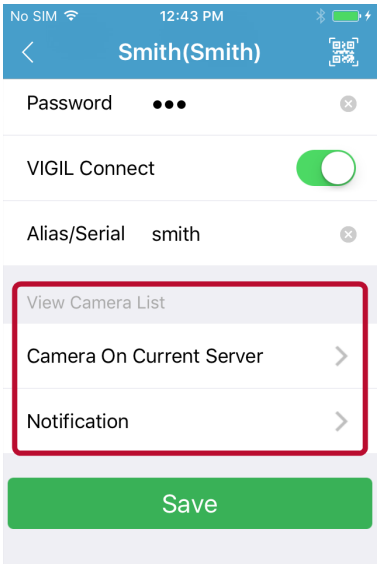

Figure 2-10: View Lite II - Add a Video Source - Video Source Settings (highlighted in red).

2.4 Viewing Live Video with View Lite II on your iOS Device

To view live streams from the cameras currently active on your VIGIL Server /3xCLOUD / VCM Server list:

1. Tap the menu button or swipe right from the left edge of your device to open the *Options Side Menu.*
2. Select the desired video source type. A drop-down of all available sources from the selected type will deploy.
3. Select the desired video source. A menu with *Video Source Tools* (see "Video Source Tools" on the facing page for more info) will deploy. Select **Choose Cameras** to load the camera bar. Alternatively, select **Display All** to load all of the video source's available camera into the View Lite Layout.

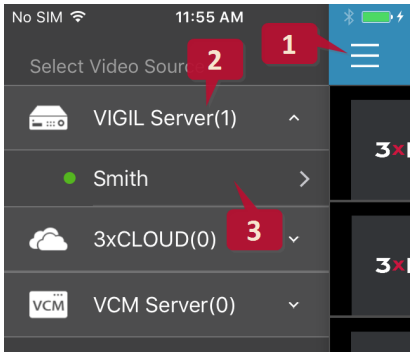

Figure 2-11: Selecting Video Source

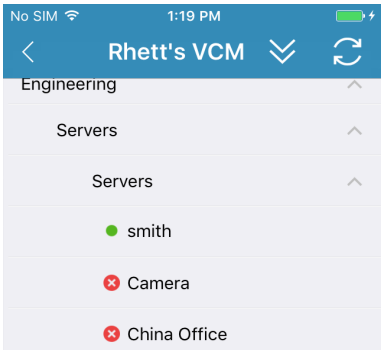

Figure 2-12: - VCM / 3xCLOUD Server Lists - iOS

Note:

- If you have selected VCM Server List as the video source, a list of VIGIL Server groups as configured in the target VCM will deploy. Drill-down through the list to locate your desired VIGIL Server.
- If you have selected 3xCLOUD Account as the video source, a list of VIGIL Server's linked with the account will deploy. Select the desired VIGIL Server from the list.

Upon initial connection to a VIGIL Server managed by VCM or 3xCLOUD, you will be prompted for valid VIGIL Server credentials . Enter in valid credentials to login and interface with the Server's cameras. View Lite II will save the entered credentials to auto-login to the chosen Server in the future.

4. If you have selected *Choose Cameras*, the camera bar will deploy. To navigate available cameras, swipe your finger along the camera selection slider bar left or right, as pictured below.

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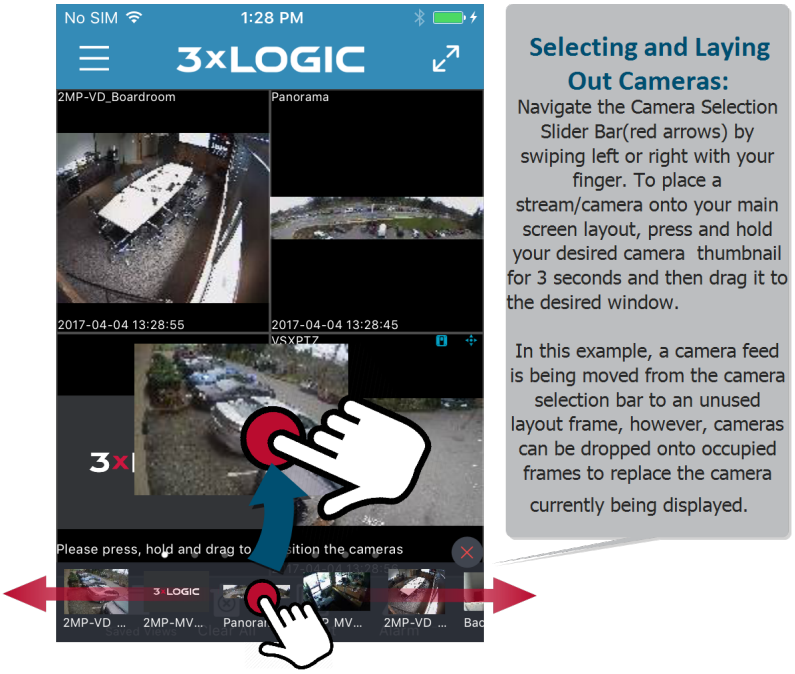

Figure 2-13: Drag and Dropping Cameras into Live Viewer - iOS

To select a camera stream for viewing on the main screen:

1. Tap and hold the thumbnail for 1 second.
2. Drag the image from the camera selection slider bar to a window on your main screen. This will place the camera in the available window or replace the currently active feed in that window.

Video Source Tools

Whenever a user selects a video source from the Options side menu, a list of video source tools will deploy.

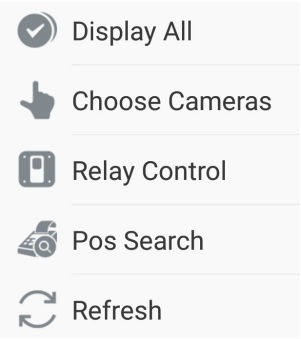

Figure 2-14: Video Source Tools - Android

Display All	Display all cameras from the currently active VIGIL Server
Choose Cameras	Opens the camera slider bar so individual cameras can be selected and manually placed into the active layout.
Relay Control	Opens the Relay Control overlay. A list of Relays configured on the VIGIL Server will be overlayed onto the active layout. Tap a DO to trigger it. Triggered DO icons will be colored green (*Virtual DIO Device* - 1 is triggered in the below example).

	Note: When changes are made to a DO / Relay from a VIGIL Server or VIGIL Client, the View Lite II *Refresh* button must be tapped in the Video Source Tools menu for the changes to take affect in View Lite II. Alternatively, the application may be restarted on your iOS device to achieve the same affect. **Figure 2-15:** Relays Overlay - iOS
POS Search	Open the POS Search window. This POS Search will pertain to all POS-enabled cameras on the chosen Server. See "Searching and Viewing POS Data" on page 24 for more information on POS Search. To open a POS Search specific to a single camera, open the camera in full-screen mode and select POS Search from the Camera toolbar.
Refresh	Refresh all streams and Relays.

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2.4.1 Viewing Live Video in Full Screen

To bring a stream from your main screen layout into full screen mode:

1. Tap the desired stream. A full screen window will generate, as seen in the example below.

Stream information is available in the bottom-left corner of the camera frame when in full screen mode. Stream information includes camera name, resolution ,and codec type. Date and time and current FPS and bandwidth are also available.

When in full-screen mode, a user can digitally pan and zoom in and out of an image by pinching or tapping and dragging across the image as necessary.

A camera toolbar will also be present at the bottom of the frame (see below example).

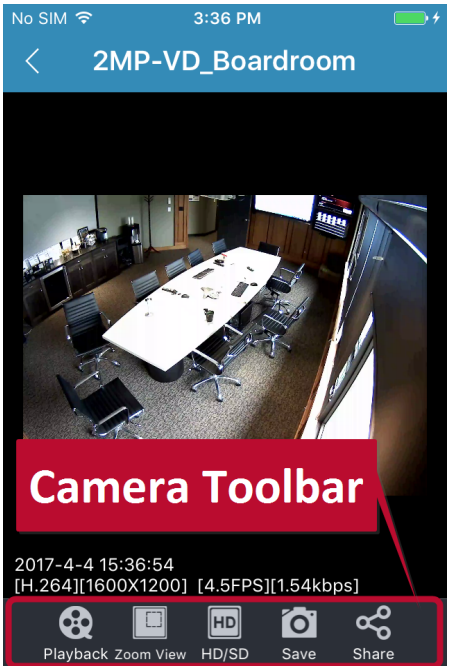

Figure 2-16: Viewing Live Video in Full-Screen Mode

Note: Tilt your device sideways to enlarge the stream further. Full screen size is dependent on device screen size. Dimensions and resolution will increase and decrease depending on device screen size.

Playback	Load playback. For more information on searching and viewing playback, see "Searching and Viewing Playback on View Lite II" on page 18
Zoom View	Toggle eagle-eye zoom view on or off. Zoom view is a full-screen preview that opens when using digital zoom (pictured below). The area of focus in the main-view is outlined with a tracking rectangle in the zoom view box.

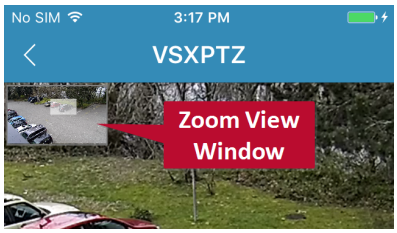

Figure 2-17: Zoom Controls - Eagle Eye View

SD HD SD/HD	Switch image quality between Mainstream(HD) and Substream (SD). Using Substream should improve video performance.
Share	Share the current camera image as a snapshot. Share options will be dependent on your device and installed applications. Common options include email, instant messaging / SMS, social media apps, etc...
Save	Capture the current image as a snapshot and save it to your device.

Camera Features

Some cameras may have extra features configured in VIGIL Server such as PTZ, Relays or integrated POS. These features are indicated by the presence of their respective blue indicator icon in the camera frame's upper-right corner.

When a camera is configured for use with one of these features, an extra option for the corresponding feature will be available in the full-screen camera toolbar. If multiple camera features are present, right and left arrows will deploy so you may navigate the toolbar.

Relay	Opens a list of available relays for the current camera. Click a relay name to activate it. Cameras with DIOs configured are indicated in both full-screen mode and the main-screen layout by a icon in the top-right corner of their window frame. See "Relay Control" on page 12 for more information.
POS	Toggle On-Screen Display (OSD) of POS data. POS On-Screen Display settings can be edited in View Lite II Settings.
Search	Open the POS Search form. See"Searching and Viewing POS Data" on page 24 for more information. Cameras which have been interfaced with a POS Connection in VIGIL Server are indicated both in full screen and from the main screen by a icon in the top-right corner of their window frame.
PTZ	Hide / Show the PTZ Controls toolbar. See "Using PTZ With Live Video (iOS)" on the facing page for more info. PTZ-capable cameras are indicated both in full screen and from the main screen by a icon in the top-right corner of their window frame. **Note:** PTZ Controls are intended for cameras with hardwired PTZ functionality that have been configured for PTZ Camera Control in VIGIL Server. The Show PTZ option will not be visible in the Cameratoolbar for non-applicable devices. Digital PTZ, which is available on all cameras, can be performed as usual (pinch to zoom, tap-and-drag to pan) if the selected camera does not support hardwired PTZ or if the PTZ Con-

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	trols are disabled.
AudioTalk	Enable / disable Audio Talk. Audio Talk-capable cameras are indicated both in full screen and from the main screen by a icon in the top right corner of their window frame. See "Using Audio Talk with Live Video (iOS)" on the next page for more information. **Note:** Audio talk is only available for two-way audio capable cameras that have been configured for use with Audio Talk in VIGIL Server. The Audio Talk button will not be visible on non-applicable devices.

2.4.2 Using PTZ With Live Video (iOS)

Selecting **PTZ** from the *Camera Toolbar* will replace the standard toolbar with the PTZ Control Toolbar. If PTZ Controls are open, tap the red x above the PTZ controls to close the them and restore the standard camera toolbar. PTZ-capable cameras are indicated both in full screen and from the main screen by a icon in the top-right corner of their window frame.

Note: PTZ Controls are for cameras with hardwired PTZ functionality that have been configured for PTZ Camera Control in VIGIL Server. The Show PTZ option will not be visible in the Camera Features menu for non-applicable devices.

Digital PTZ, which is available on all cameras, can be performed as usual (pinch to zoom, tap-and-drag to pan) if the selected camera does not support hardwired PTZ or if the PTZ Controls are disabled.

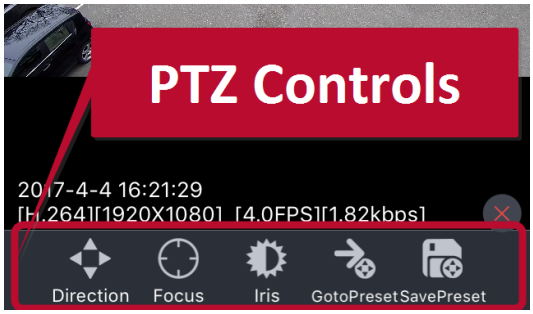

Figure 2-18: PTZ Controls - iOS

PTZ camera controls are described below:

Pan/Tilt	Access hardwired Pan and Tilt mode. Drag your finger onto any of the four quadrants of the frame to move the camera. A red line will appear to indicate direction. The longer a user makes the line, the faster the camera will pan and tilt.
Focus	Access Focus mode. Pinch together or spread apart two fingers on the screen to adjust the cameras focus.
Iris	Access Iris mode. Pinch together or spread apart two fingers on the screen to open or close the lens iris.

GotoPreset	Access Preset list (pictured below). Choose a preset number from the list to move the camera to the chosen preset position. Swipe left or right to navigate the list of available presets. 1 2 3 4 **Figure 2-19:** Preset List
Save Preset	Save the camera's current position to a preset number. Tap the number in the list to save the current position to that preset number.

2.4.3 Using Audio Talk with Live Video (iOS)

Selecting Audio Talk from the Camera Features menu will deploy the Audio Talk controls overlay for applicable cameras. Audio Talk-capable cameras are indicated both in full screen and from the main screen by a icon in the top right corner of their window frame.

Note: Audio talk is only available for two-way audio capable cameras that have been configured for use with Audio Talk in VIGIL Server. The Audio Talk option will not be visible in the toolbar for non-applicable devices.

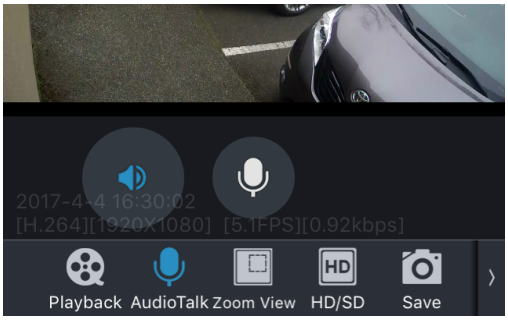

Figure 2-20: Audio Talk Overlay - iOS

If audio is being received, the speaker icon will pulsate.

- Tap the speaker icon to mute incoming audio. Incoming audio will automatically mute when you are transmitting audio.
- Tap and hold the microphone icon and speak into your device's mouthpiece to transmit audio.

2.5 Searching and Viewing Playback on View Lite II

While 3xLOGIC View Lite II grants you the ability to view your live camera streams from anywhere, it also has the ability to search and pull playback footage from any of the active cameras that have been set to record by an interfaced VIGIL Server.

2.5.1 Searching for Playback

To view playback:

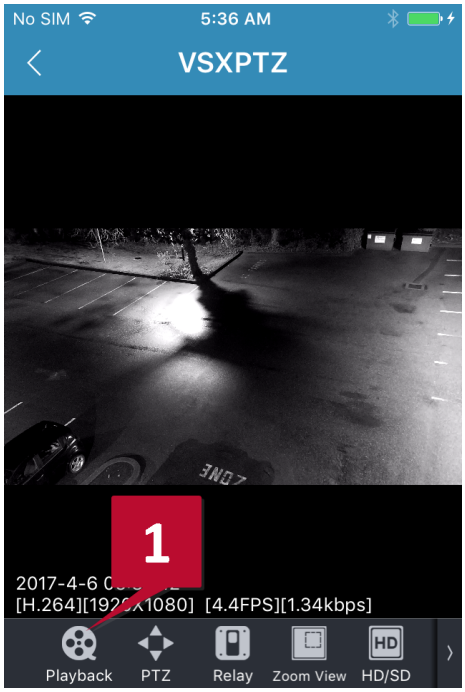

Figure 2-21: Searching for Camera Playback

1. Open the desired camera in full-screen mode and tap the Playback

icon located on the full-screen camera toolbar.

After clicking the *Playback* button you will be returned to the *Select Date Range* screen.

- By default you will have the option to select a *Quick* time interval; 1, 3, 5, 10 or 15 minutes of playback from the selected camera.

To select a more comprehensive date range:

1. Tap the **From** field.
2. Set the appropriate search range as required. Repeat for the **To** field to complete the custom search date and time range.

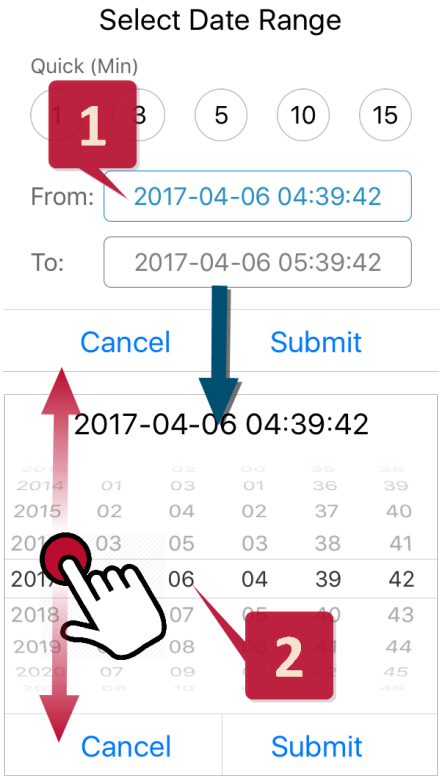

Figure 2-22: Advanced Date and Time Range Selection

- If you wish to choose one of the preset ranges, tap one to be taken to the *Playback* screen.
- If you have chosen to configure an custom date range, configure the time range as desired and tap **Submit** to view the resulting footage on the *Playback* screen.

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2.5.2 Viewing Playback on 3xLOGIC View Lite II

After selecting a camera to retrieve playback footage from and choosing a date range, you will be brought to the *Playback* screen with your footage queued and ready for playback (see below example). As an option (located in Playback Tools Menu, disabled by default), a small live window containing a time stamp (*Live Preview*, below) from the camera you are currently viewing can be opened so you may monitor live footage from the chosen camera while viewing playback.

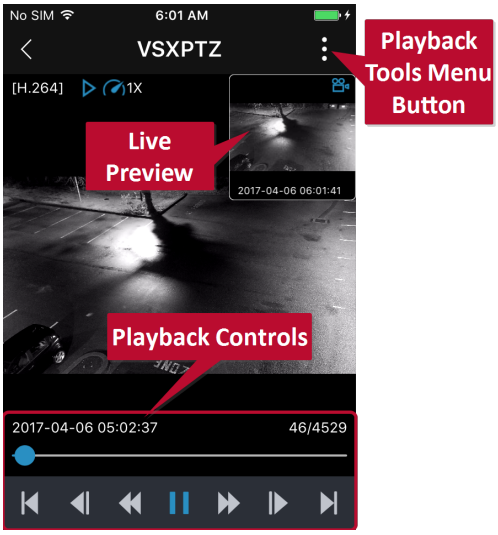


Figure 2-23: View Lite II - Viewing Playback with Mini Live Window - iOS

[H.264] 1X	Indicates the footage codec, current status of the playback as well as playback speed (1x in the above example).
2013-05-22 10:38:38 2995/4516	Time and Current / Total frame count for active playback footage.
	Brings queued playback to the first frame / last frame of the footage.
	Set the currently queued playback footage forward / back 10 frames.
	Rewind / fast-forward the footage frame-by-frame.
	Pause/ Play the currently queued footage.

2.5.3 Playback Options

To deploy up the *Playback Tools Menu*:

1. Tap the menu button on the playback screen.

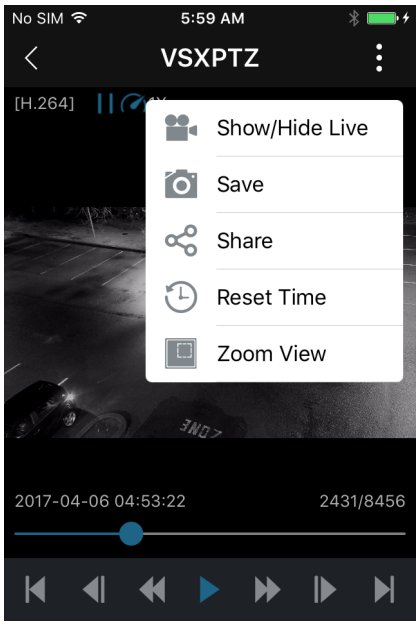
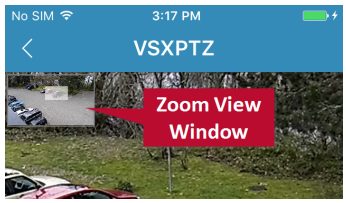


Figure 2-24: View Lite II - Playback Options - iOS

Show / Hide Live	Select this to hide or show the Live preview window.
Save	Select this option to save a snapshot to your device.
Share	Share the current camera image as a snapshot. Share options will be dependent on your device and installed applications. Common options include email, instant messaging / SMS, social media apps, etc…
Reset Time	Reset the Date/Time Range of the currently queued playback footage.
Show/Hide POS	Show/Hide the POS OSD overlay. This option will only be visible in the menu for properly configured cameras.
Zoom View	Toggle eagle-eye zoom view on or off. Zoom view is a full-screen preview that opens when using digital zoom (pictured below). The area of focus in the main-view is outlined with a tracking rectangle in the zoom view box.  **Figure 2-25:** Zoom Controls - Eagle Eye View

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2.6 Saving and Loading Views on View Lite II

To save your current view (your current layout including assigned cameras):

1. Navigate to the *Views* screen by tapping the **Saved Views** button.

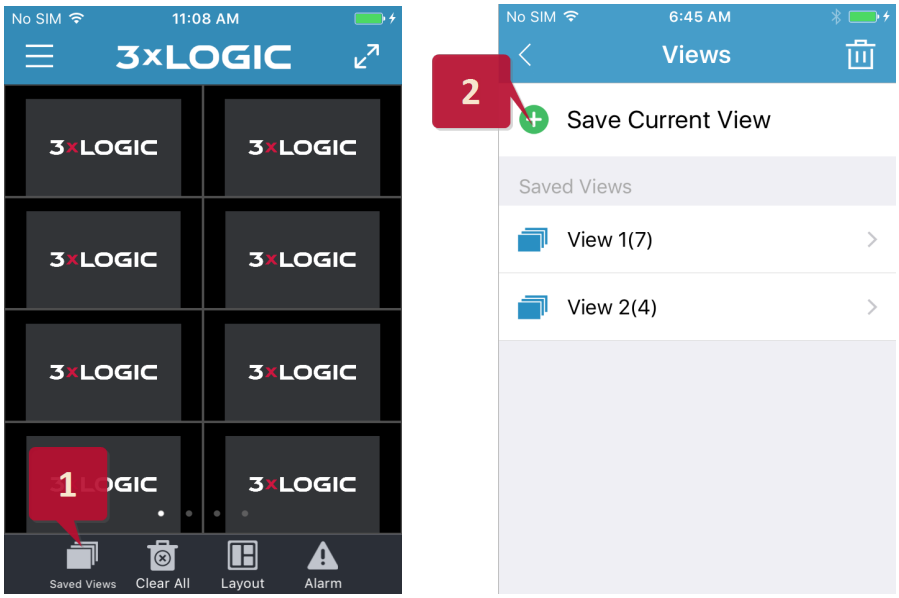

Figure 2-26: Saving and Loading Views in View Lite II - iOS

2. After navigating to the *Views* screen, you may save your current view by tapping **Save Current View**.
3. You will be asked to give the view a name (not pictured above). Enter your desired name and select **OK** to save the view.

The *Saved Views* screen lists the name of the view with its number of cameras listed in parentheses. To load and use a view you have previously saved:

4. Tap on the desired view's label. The View Lite II main screen will deploy using the selected view.

2.7 Using Layouts on View Lite II

To use a pre-configured layout:

1. Tap the

button located on the toolbar. This will load the layout selection dialogue.

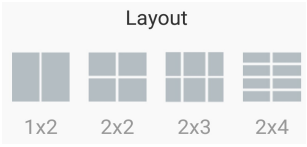

Figure 2-27: View Lite II - Layout Selection Dialogue- Android

To select a layout:

1. Tap a layout. The chosen layout will now appear on the main screen. If a VIGIL Server is currently displaying cameras, View Lite II will automatically fill the layout windows according to camera number order.

After selecting, swipe left or right from the middle of a layout to scroll through the layout pages. Alternatively, tap one of the paging dots located near the bottom of the layout frame to cycle the pages. Up to 32 cameras can be displayed with a maximum of 8 (4x4) per layout page.

Figure 2-28: Using Layouts in View Lite II - iOS

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2.8 Searching and Viewing POS Data

POS Search is available for cameras that have been properly interfaced with a POS connection in VIGIL Server. Cameras interfaced with an active POS Connection are indicated both in full screen and from the main screen by a icon in the top-right corner of their window frame. To search a camera for POS data:

1. Open an applicable camera in full-screen mode.
2. Tap the **POS Search** icon located on the camera toolbar. The POS Search form will deploy. A POS Search for all cameras on a VIGIL Server can also be initiated by opening the *Options Side Menu* on the View Lite II main screen, selecting a video source and choosing POS Search from the video source tools menu.

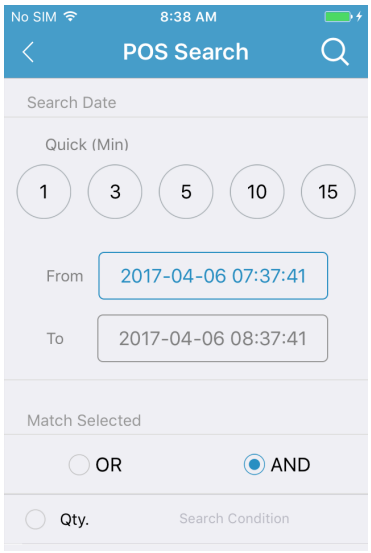

Figure 2-29: View Lite II - POS/ATM Search Form - iOS

3. Fill in the appropriate search time frame, criteria /filters and logical operators.
4. Tap the icon to begin searching.

POS Search Results Page

After performing a search, a list of results will deploy.

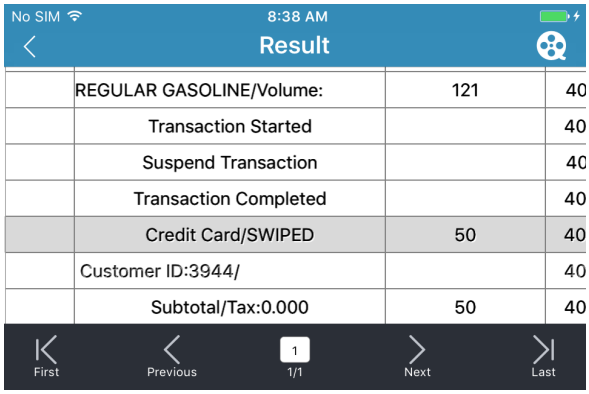

Figure 2-30: POS/ATM Search Results Screen

- Use the arrow buttons at the bottom of the screen to quickly navigate results that span multiple pages.
- Tapping the page count button

will generate the full list of available results pages. Select a number to jump to the corresponding POS Search results page.
- Tap a POS item in the results table and tap the (*Playback*) button to view footage surrounding the selected POS entry.

2.9 Alarms

When Alarm *Push Notifications* have been enabled and properly configured for one or more of your VIGIL Servers, a user may select the icon from the main screen toolbar to open the *Alarm* screen.

Note: Only alarms configured to notify View Lite II when triggered will appear in the Alarms list. *Push Notifications* must be enabled and configured in the View Lite II Settings and an individual video source's settings to successfully populate the *Alarms* notifications list. See"Push Notification" on page 27 and "Configuring Push Notifications (iOS)" on page 29 and for more detail.

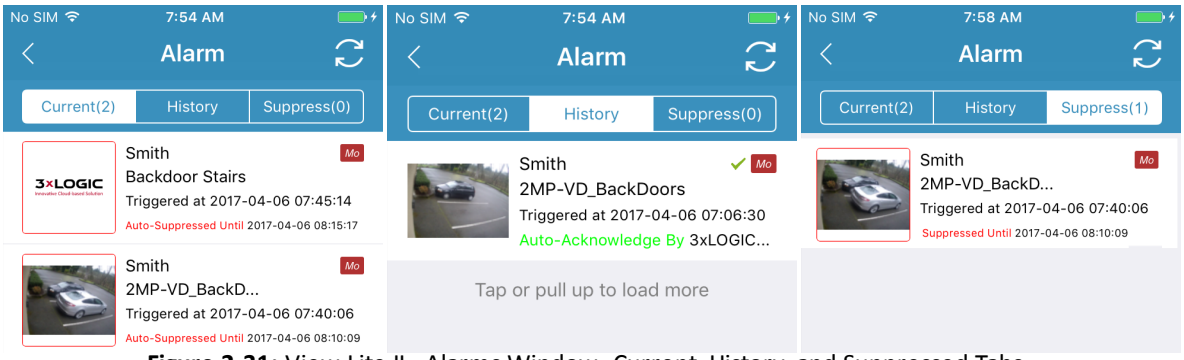

Figure 2-31: View Lite II - Alarms Window- Current, History, and Suppressed Tabs

Alarm entries contains the Server Name, Alarm Type and Name, Triggered Date and Acknowledge/Suppression info.

Note: For All-in-One cameras, a download icon will be visible in place of the thumbnail image.

Click the icon to download the preview thumbnail image.

Current Tab

The Current tab lists all Unacknowledged Alarms. Tap and hold an entry for the following options:

Acknowledge	Acknowledge the Alarm(places under Alarms - History Tab)
Acknowledge All	Acknowledge all Alarms(places under Alarms - History Tab)
Live	View live footage from the associated camera.
Playback	View the playback surrounding the alarm event.
Suppress	Suppress the alarm(places under Alarms - Suppress Tab). This will open the Suppress Alarm Settings screen. Configure the suppression duration and click *OK* to suppress the alarm. All alarms of this type will be suppressed for the configured duration.

History Tab

The History tab lists all Acknowledged Alarms. Tap and hold an entry for the following options:

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Live	View live footage from the associated camera.
Playback	View the playback surrounding the alarm event.
Suppress	Suppress the alarm(places under Push Notifications - Suppress Tab). This will open the Suppress Alarm Settings screen. Configure the suppression duration and click *OK* to suppress the alarm. All alarms of this type will be suppressed for the configured duration.

Suppress Tab

The Suppress Tab lists all Suppressed Alarms. Tap and hold an entry for the following options.

Edit	Edit the suppression duration value.
Cancel/Cancel All	Cancel the suppressed alarm/Cancel all suppressed alarms (places back in Current tab).

2.10 View Lite II Settings

To open the View Lite II Settings menu (pictured below):

1. Swipe right from the left-edge of your device's screen to open the *Options Side Menu*
2. Tap the Settings button. The View Lite II Settings window will deploy.

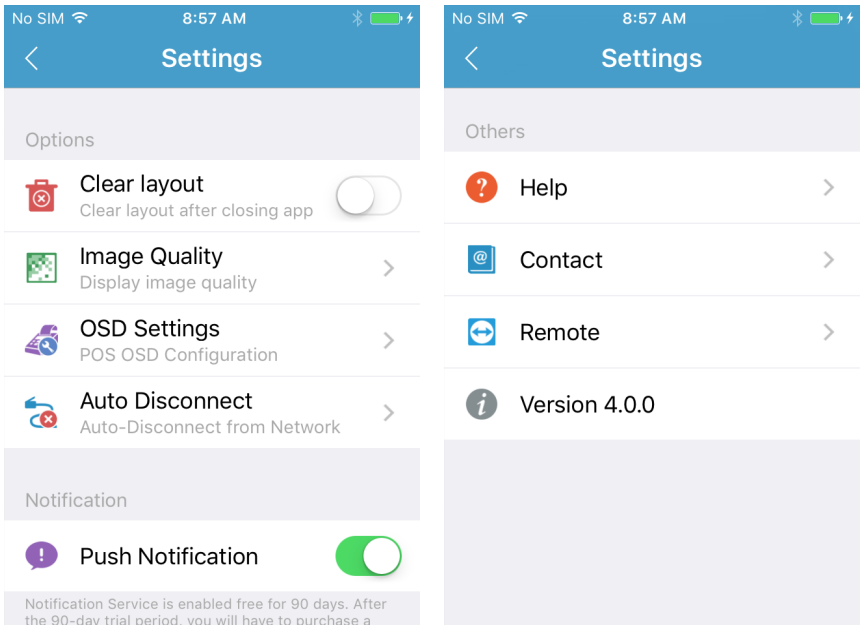

Figure 2-32: View Lite II - Settings Menu - iOS

Option / Setting	Description
Clear Layout	Enabling this settings clears main screen layout when app is closed.
Image Quality	Click this settings to adjust main screen camera image quality. Available settings include *Low*, *Medium* and *High*.
OSD Settings	Opens the POS OSD Settings form. From this window, a user can adjust OSD font size and color, adjust OSD dwell times, line maximums, refresh times as well as choose which POS columns are visible.
Auto Disconnect	Configure Auto-Disconnect settings. This is a battery-saving feature intended to prevent over-consumption of battery life when using 3G/LTE connections. A user may choose how long to disconnect from View Lite II when cellular data and WiFi connections. Default disconnection values are *5 minutes* for cellular and *Never* for WiFi.
Push Notification	Use the switch to toggle Push Notifications on or off. Push Notifications must also be enabled via your Android device settings as well as within individual Video Source settings. See "Configuring Push Notifications (iOS)" on page 29 for more information. After enabling push notifications, View Lite II notifications will now appear in your Android

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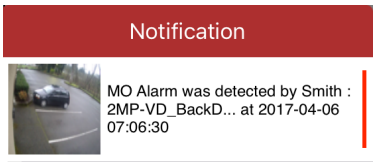
	Notifications Tray. If you are using the app when a push notification is received, it will appear in a pop-up (as pictured below).  **Figure 2-33:** Alarm Push Notification - Example - iOS
Other Settings	
Help	Load the 3xLOGIC View Lite II User's Guide. You're here right now!
Contact	Opens the 3xLOGIC.com - Contact Us page.
Remote	Opens the Remote Help request form. Fill-out the available fields. Be sure to include the main issue you are encountering in the *Content Description* field. A 3xLOGIC support representative will be in contact to arrange a remote help session.
Version #	Lists View Lite II version number.

2.11 Configuring Push Notifications (iOS)

Note: This section outlines enabling push notifications for an individual video source. However, in order for push notifications to function successfully, they must also be enabled in the View Lite II Settings page (See "Notifications" on page 57 and within your iOS device's settings.

To configure push notifications for a video source

1. Open an applicable video source's configuration settings form from the VIGIL Server / 3xCLOUD / VCM Configuration window.

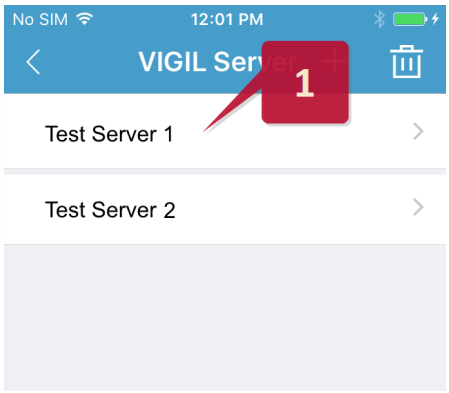


Figure 2-34: Opening a Video Source's Configuration Settings

2. Tap the **Notifications** item. The Push Notification settings form for the chosen video source will now deploy.

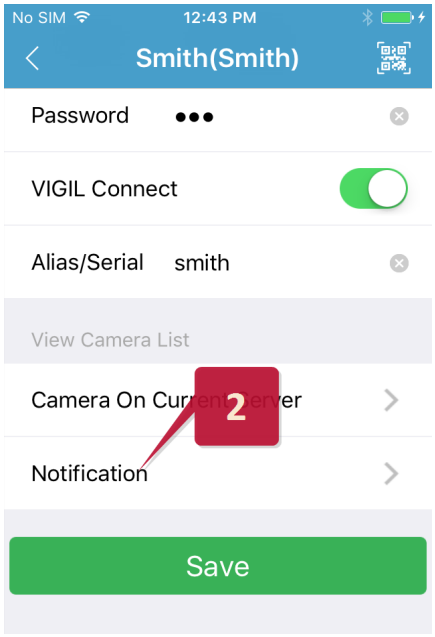


Figure 2-35: Enabling Push Notifications

3. Move the Push Notifications switch to the *ON* position (green) to enable notifications for the chosen video source. A list of available alarms will deploy.

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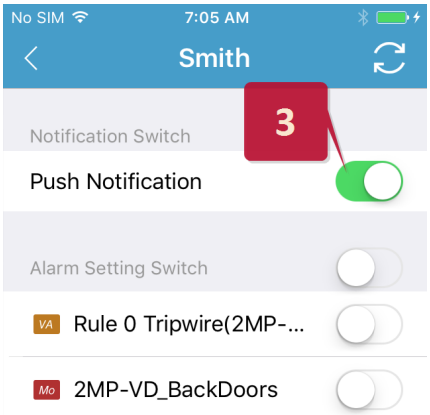

Figure 2-36: Activating Push Notifications for a VIGIL Server

To customize which alarms from the video source will trigger push notifications on your device:

4. Move the slider to the*ON* position (green) for desired alarms. All VIGIL Server alarms types are supported including Video Analytics, Motion and DIO. To select all alarms, toggle the **Set Each Switch** option to the on position.

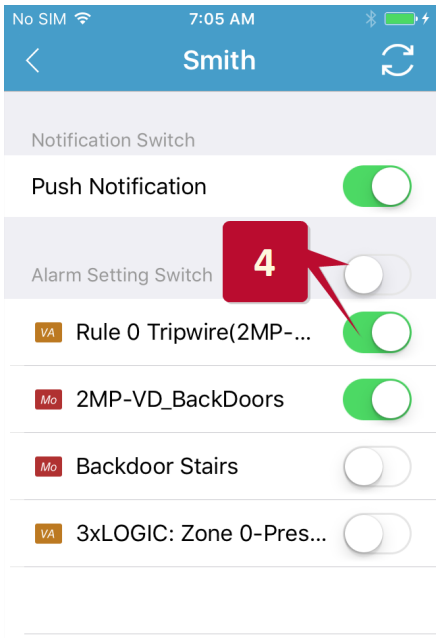

Figure 2-37: Enabling Alarms for Push Notification

After selecting desired alarms:

5. Tap the back arrow (top-left). Push Notification settings will be saved. Repeat the process as required for other video sources.

Push notifications will now appear in your iOS Notifications Tray. If you are using the app when a push notification is received, it will appear in a pop-up (as pictured below).

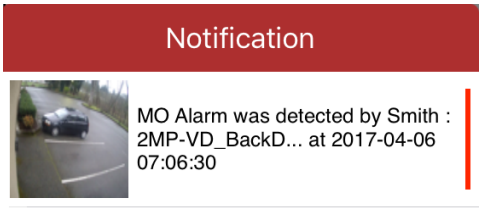

Figure 2-38: Push Notification - Example - Android

Click the pop-up to be taken to the corresponding alarm on the Alarms page.

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3 Using View Lite II with an Android OS Device

The following section outlines the installation and basic usage of 3xLOGIC View Lite II on your Google Android device. 3xLOGIC View Lite II is compatible with Android devices running Android OS 4.1.2 (Jellybean) or later.

Note: The example screen-shots throughout this manual were taken with an Acer Iconia Android Tablet and Asus Zenfone 2 Smartphone. As some Android devices have larger viewing areas than other Android OS devices, all interface components pictured in this guide will be located in the same area, relative to your device size.

3.1 Install View Lite II

To download and install 3xLOGIC View Lite II on your Android device:

1. Tap here or open the Google Play Store and search for View Lite II

2. You will be met with the Google Play Store *3xLOGIC View Lite II* screen.

Figure 3-1: Downloading and Installing View Lite II - Android

3. Click the INSTALL button to begin the installation process.

4. After installation, select the 3xLOGIC button from your device's main screen or app screen to open the application.

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3.2 View Lite II Main Screen

After saving a VIGIL Server, or when logging into the program after having already configured your Server lists, you will be presented with the 3xLOGIC View Lite II Main Screen (pictured below). When running 3xLOGIC View Lite II for the first time, the main screen will appear with no active camera feeds.

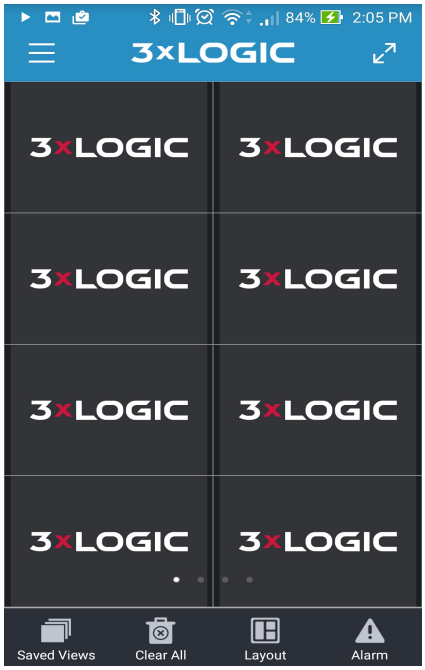
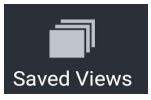
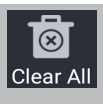


Figure 3-2: View Lite II Main Screen - Android

Toolbar Item	Description
	This button will take you to the *Views* screen which contains a collection of saved views.
	This button will clear the current layout of all cameras and windows. You will be asked to confirm this action.
	Select pre-configured layout options for your 3xLOGIC View Lite II main screen. Available layouts include: 1x2, 2x2, 2x3, 2x4. The dialogue pictured below will deploy. Up to 32 cameras can be displayed with a maximum of 8 (4x4) per layout page. See " Using Layouts" on page 52 for more information.
	Tapping this button will open the Alarms window. Alarms must be enabled via *Settings - Push Notifications* as well as within a specific Video Source's settings form. Push notification must also be enabled within your device's settings.
	Tapping this button laces the layout pages in full-screen mode. The main screen toolbar and header bar will not be visible when full-screen mode is toggled on.
	Tapping this button will open the side options menu. Alternatively, a user can swipe right from the left-edge of their device to open the Options side menu. See "Options Side Menu " on the next page for more information.

Options Side Menu

- Tap the button or swipe right from the left-edge of the screen to open the Options side menu.

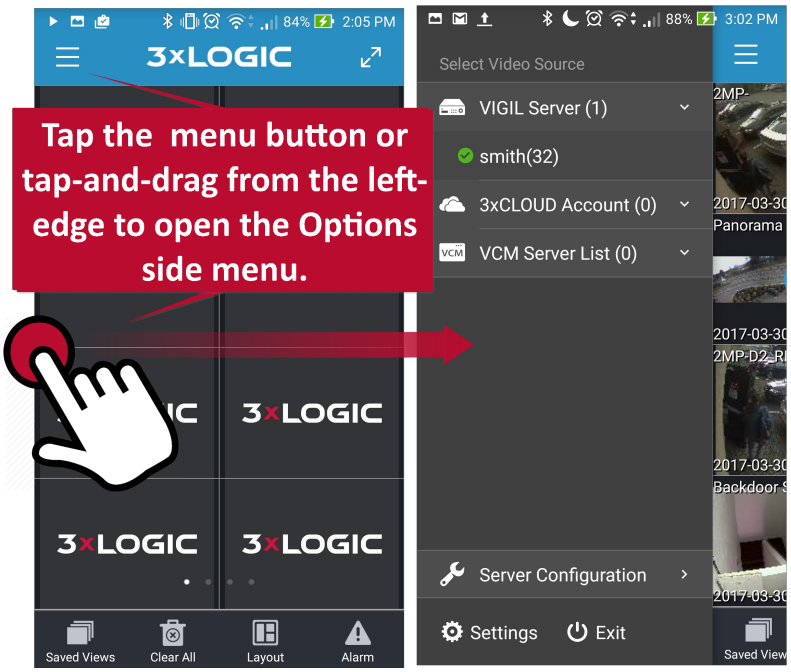


Figure 3-3: View Lite II Main Screen - Options Side Menu

From the Options side menu, a user can select cameras to display from a Video Source, enter Video Source/ Server Configuration, open View Lite II Settings or exit the app.

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3.3 Adding a Video Source to View Lite II

To add a video source:

1. Open the *Options* side menu and select Server Configuration. The Video Source list will display. The current count for a given video source is displayed in parentheses next to the source name.

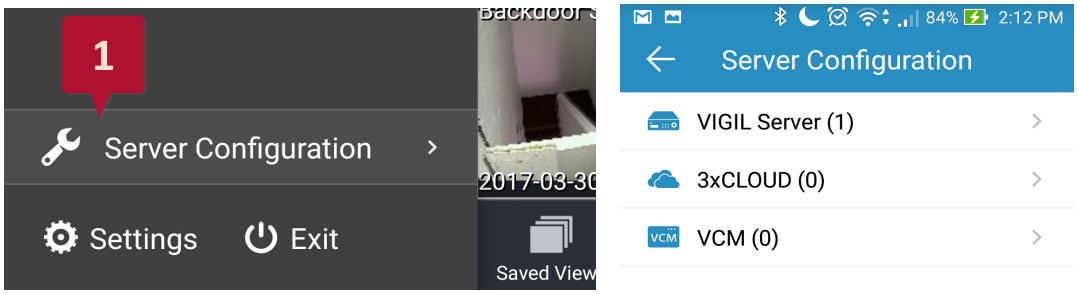

Figure 3-4: Adding a Video Source - Opening Server Configuration

2. Select the video source you wish to configure from the available menu. Available video sources include *VIGIL Server*, *3xCLOUD Account* and *VCM Server List*.

A menu of all available video sources of the selected type will now deploy.

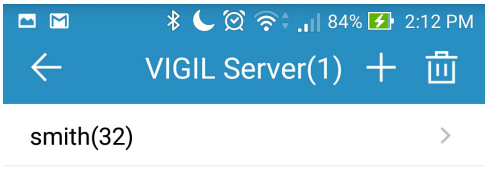

Figure 3-5: Adding a Video Source - Add Video Source

- To add a new instance of a video source (VIGIL Server in the above example), tap the icon
- To delete a video source, tap the icon. A red delete icon will appear next to each video source. Tap the delete icon next to the video source you wish to delete and tap **Yes** when you are prompted to confirm.

VIGIL Server

Select *VIGIL Server* to add a single VIGIL Server as a video source. This form also deploys the first time you run 3xLOGIC's View Lite II app or if no other video sources are detected.

To add a VIGIL Server to VIGIL View Lite II:

1. Open **Server Configuration** from the Options side menu.
2. Select **VIGIL Server**.
3. Tap the icon. You will be met with the window pictured below.

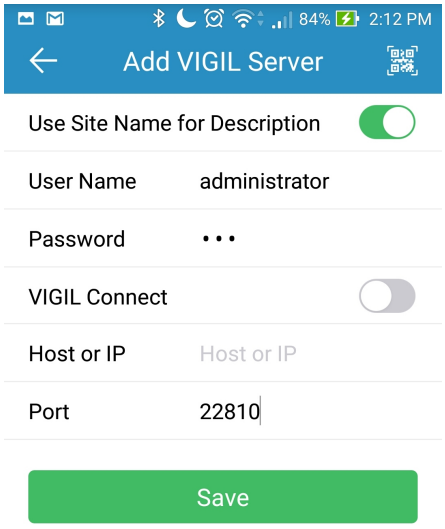

Figure 3-6: View Lite II - Add/Edit Server Form - Android

New VIGIL Server	
Use Site Name for Description / Description	The Description will be used throughout 3xLOGIC View Lite II to refer to the Server currently being saved to View Lite II. *Use Site Name for Description* is enabled by default. This will use the Site Name of the Server (as configured in the VIGIL Server's local settings) as its description in View Lite II. Alternatively, a user can toggle this setting off and manually enter a *Description* of the Server.
User Name	Enter a valid *User Name* for the Server you are attempting to save.
Password	Enter a valid *Password* for the user account you entered in the preceding *User Name* field.
VIGIL Connect	Enable *VIGIL Connect* by setting this option to *On*. Set to *Off* to disable VIGIL Connect. The example above has VIGIL Connect disabled.
Host or IP	Enter the *IP* address of the Server you are attempting to save.
Port	Enter the *Port* number of the Server you are attempting to save.
Scan QR	Opens a QR code scanner (pictured right). Scan a VIGIL Server's About Window QR Code to quickly auto-fill the View Lite II *Add Server* form.

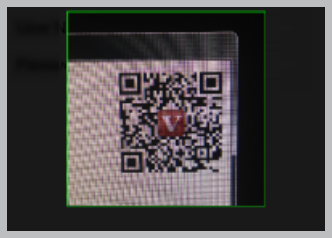

Figure 3-7: View Lite II - Add a Server - QR Code Scanner - Android

4. After filling in the appropriate fields, tap **Save** at the bottom of the *Add VIGIL Server* screen. After a successful attempt, you will be notified with a prompt stating the VIGIL Server has been successfully added.

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3xCLOUD

Select 3xCLOUD to add a 3xCLOUD account as a video source. 3xCLOUD is a browser-based video management solution offered by 3xLOGIC. It consists of a list of VIGIL Servers added by a user, and a browser-based Client used to view streams from these servers using any number of devices (PC, Tablet, Smartphone). By adding a 3xCLOUD account to View Lite II as a video source, the user can interface View Lite II with cameras from any of the account's managed VIGIL Servers.

To add a 3xCLOUD account to View Lite II:

1. Open **Server Configuration** from the *Options* side menu.
2. Select 3xCLOUD.
3. Tap the + icon. You will be met with the window pictured below.

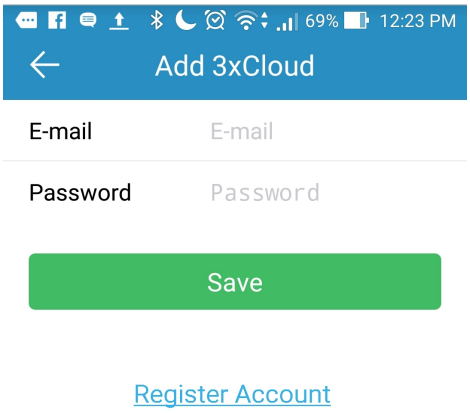

Figure 3-8: View Lite II - Add 3xCLOUD Account - Android

4. Fill in the account login credentials and tap **Save** to add the 3xCLOUD account to View Lite II.

If a user does not have a 3xCLOUD account, but would like to register :

1. Tap **Register Account** at the bottom of the *Add 3xCLOUD* form. This will generate the a registration form.
2. Fill in the appropriate fields and agree to 3xLOGIC's Terms and Conditions.
3. Tap **Sign Up** to proceed. You will receive a confirmation e-mail. Please follow the instructions in the e-mail to finalize account creation.

Note: Adding VIGIL Servers to a 3xCLOUD account must be performed after registration via the web interface at www.3xlogiccloud.com. After adding VIGIL Servers to 3xCLOUD, all associated cameras will be available for display in View Lite II.

VCM

Select VCM to add a VCM Server list as a video source. VIGIL Central Management (VCM) provides VIGIL users with the tools they require to effectively manage multiple VIGIL Servers connected over massive, enterprise-level IP networks.

One of VCM's organizational features is the ability to separate all VIGIL Server's into hierarchal Server Groups. When a VCM Server is added to View Lite II as a video source, the user essentially adds all of the VCM's managed VIGIL Servers which are displayed to the user within their VCM Server Group hierarchy. Cameras from any of these Servers can then be interfaced with View Lite II.

To add a VCM Server to View Lite II:

1. Open **Server Configuration** from the *Options* side menu.
2. Select **VCM**.
3. Tap the icon. You will be met with the window pictured below.

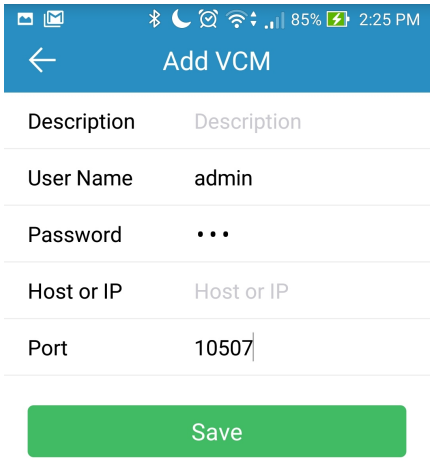

Figure 3-9: View Lite II - Add VCM Server- Android

New VCM	
Description	Enter the *Description* of the VCM you wish to save. This will be used throughout 3xLOGIC View Lite II to refer to the VCM currently being saved to View Lite II.
Host or IP / Port	Enter the IP address and Port info of the VCM Server you are attempting to save.
Username and Password	Enter the login credentials of the VCM you are attempting to save.

After filling in the appropriate fields, select **Save** at the bottom of the *Add VCM* screen. After a successful attempt you will be notified with a prompt stating the VCM has been successfully added.

Video Source Settings

After a video source has been configured and successfully saved to View Lite II, a *Cameras on Current Server* option will be available. Tap this item to open the video source's camera selection slider bar in the View Lite II main screen.

Push Notification settings will also now be configurable for the video source (if available). Tap the **Notifications** item to open the Push Notification settings for the selected video source. See "Configuring Push Notifications" on page 59 for more information on configuring alarm Push Notifications.

Note: Push Notifications must also be enabled in your Android device's settings as well as within the View Lite II Settings menu to successfully function.

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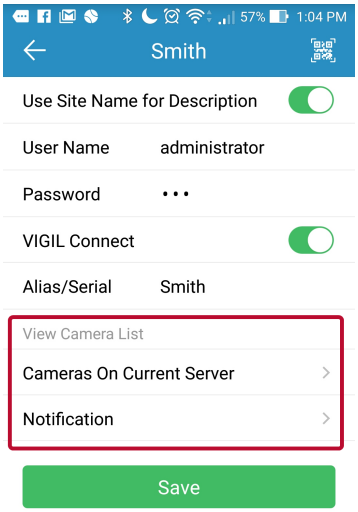
57% 1:04 PM
Smith
Use Site Name for Description
User Name
administrator
Password
VIGIL Connect
Alias/Serial
Smith
View Camera List
Cameras On Current Server
Notification
Save

3.4 Viewing Live Video

To view live streams from the cameras currently active on your VIGIL Server /3xCLOUD / VCM Server list:

1. Tap the Menu button or swipe right from the left edge of your device to open the Options side menu.
2. Select the desired video source type. A drop-down of all available sources from the selected type will deploy.
3. Select the desired video source. A menu with *Video Source Tools* (see "Video Source Tools" on the facing page for more info) will deploy. Select **Choose Cameras** to load the camera bar. Alternatively, select **Display All** to load all of the video source's available camera into the View Lite Layout.

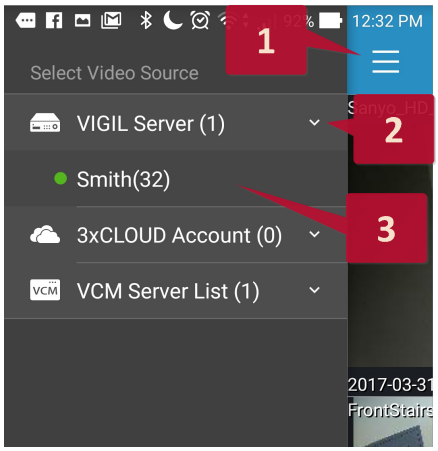

Figure 3-10: Selecting Video Source

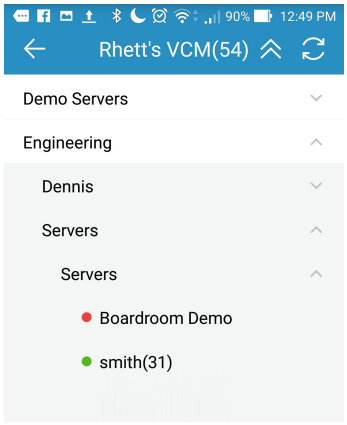

Figure 3-11: Selecting Video Source- VCM / 3xCLOUD Server Lists - Android

Note:

- If you have selected VCM Server List as the video source, a list of VIGIL Server groups as configured in the target VCM will deploy. Drill-down through the list to locate your desired VIGIL Server.
- If you have selected 3xCLOUD Account as the video source, a list of VIGIL Server's linked with the account will deploy. Select the desired VIGIL Server from the list.

Upon initial connection to a VIGIL Server managed by VCM or 3xCLOUD, you will be prompted for valid VIGIL Server credentials . Enter in valid credentials to login and interface with the Server's cameras. View Lite II will save the entered credentials to auto-login to the chosen Server in the future.

4. If you have selected *Choose Cameras*, the camera bar will deploy. To navigate available cameras, swipe your finger along the camera selection slider bar, left or right as pictured below.

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Figure 3-12: Drag and Dropping Cameras into Live Viewer - Android

To select a camera stream for viewing on the main screen:

1. Tap and hold the thumbnail for 1 second.
2. Drag the image from the camera selection slider bar to a window on your main screen. This will place the camera in the available window or replace the currently active feed in that window.

Video Source Tools

Whenever a user selects a video source from the Options side menu, a list of video source tools will deploy.

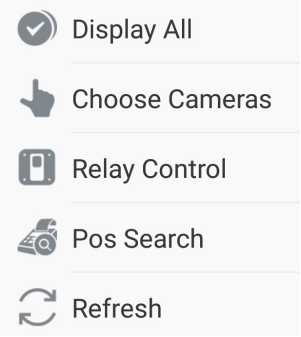
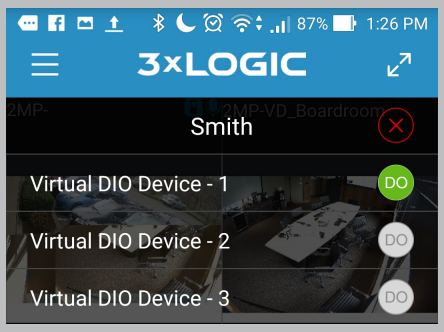


Figure 3-13: Video Source Tools - Android

Display All	Display all cameras from the currently active VIGIL Server.
Choose Cameras	Opens the camera slider bar so individual cameras can be selected and manually placed into the active layout.
Relay	Opens the Relay Control tab. A list of Relays configured on the VIGIL Server will be overlayed onto the

Control	active layout. Tap a DO to trigger it. Triggered DO icons will be colored green (*Virtual DIO Device* - 1 is triggered in the below example). **Note:**When changes are made to a DO / Relay from a VIGIL Server or VIGIL Client, the View Lite II *Refresh* button must be tapped in the Video Source tool menu for the changes to take affect in View Lite II. Alternatively, the application may be restarted on your Android device to achieve the same affect.  **Figure 3-14:** Relays Overlay - Android
POS Search	Open the POS Search window. This POS Search will pertain to all POS-enabled cameras on the chosen Server. See "Searching POS Data" on page 55 for more information on POS Search. To open a POS Search specific to a single camera, open the camera in full-screen mode and select POS Search from the Camera Features menu.
Refresh	Refresh all streams and Relays.

3.4.1 Viewing Live Video In Full Screen Mode

To bring a stream from your main screen layout into full screen mode:

1. Tap the desired stream. A full screen window will generate, as seen in the example below.

Stream information is available in the top-left corner of the camera frame when in full screen mode. Stream information includes camera name, resolution ,and codec type. Date and time and current FPS and bandwidth are available in the bottom-left corner of the frame.

When in full-screen mode, a user can digitally pan and zoom in and out of an image by pinching or tapping and dragging across the image as necessary.

A camera toolbar will also be present at the bottom of the frame (see below example).

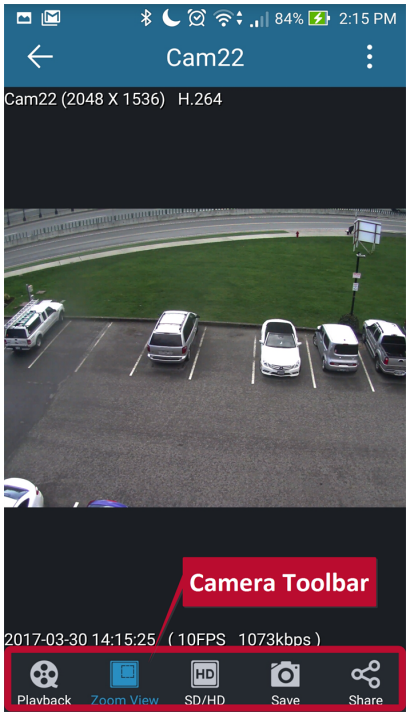
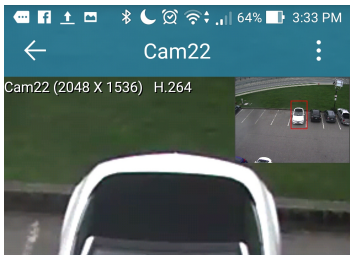


Figure 3-15: Viewing Live Video in Full-Screen Mode - Camera Toolbar

Playback	Load playback. For more information on searching and viewing playback, "Searching and Viewing Playback" on page 48
Zoom View	Toggle eagle-eye zoom view on or off. Zoom view is a full-screen preview that opens when using digital zoom (pictured below). The area of focus in the main-view is outlined with a red rectangle in the zoom view box.  **Figure 3-16:** Zoom Controls - Eagle Eye View
SD HD SD/HD	Switch image quality between Mainstream(HD) and Substream (SD). Using Substream should improve video performance.
Share	Share the current camera image as a snapshot. Share options will be dependent on your device and installed applications. Common options include email, instant messaging / SMS, social media apps, etc...
Save	Capture the current image as a snapshot and save it to your device.

Camera Features Menu

Some cameras may have extra features configured in VIGIL Server such as PTZ, Relays or integrated POS. These features are indicated by the presence of their respective blue indicator icon in the camera frame's upper-right corner. To access the Camera Features menu:

1. Tap the icon at the top-right corner of the screen. The menu will deploy. Only features available for the current camera will be visible.

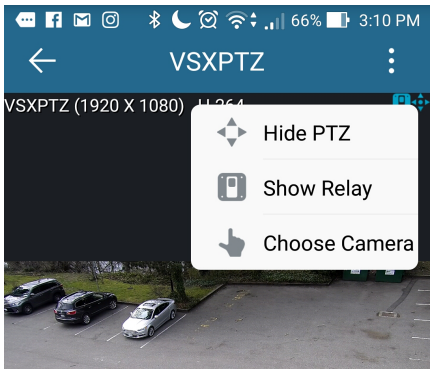


Figure 3-17: Opening the Camera Features Context Menu - Android

Show / Hide Relay	Opens a list of available relays for the current camera. Click a relay name to activate it. Cameras with DIOs configured are indicated in both full-screen mode and the main-screen layout by a icon in the top-right corner of their window frame. See "Relay Control" on page 42 for more information.
Show / Hide POS	Toggle On-Screen Display(OSD) of POS data. POS On-Screen Display settings can be edited in View Lite II Settings.
POS Search	Open the POS Search form. See"Searching POS Data" on page 55 for more information. Cameras which have been interfaced with a POS Connection in VIGIL Server are indicated both in full screen and from the main screen by a icon in the top-right corner of their window frame.
Show / Hide PTZ	Hide / Show the PTZ Controls toolbar. See "PTZ Camera Controls:" on the facing page for more info. PTZ-capable cameras are indicated both in full screen and from the main screen by a icon in the top-right corner of their window frame. **Note:** PTZ Controls are intended forcameras with hardwired PTZ functionality that have been configured for PTZ Camera Control in VIGIL Server. The Show PTZ option will not be visible in the Camera Features menu for non-applicable devices. Digital PTZ, which is available on all cameras, can be performed as usual (pinch to zoom, tap-

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	and-drag to pan) if the selected camera does not support hardwired PTZ or if the PTZ Controls are disabled.
Audio Talk	Enable / disable Audio Talk. Audio Talk-capable cameras are indicated both in full screen and from the main screen by a icon in the top right corner of their window frame. See "Audio Talk (Android)" on the next page for more information. **Note:** Audio talk is only available for two-way audio capable cameras that have been configured for use with Audio Talk in VIGIL Server. The Audio Talk button will not be visible on non-applicable devices.
Choose Camera	Select this option to open a list of cameras from the same video source as the current camera. Select a camera to open it and replace the current camera.

PTZ Camera Controls:

Selecting **Show PTZ** from the *Camera Features* menu will replace the bottom Camera Toolbar with the PTZ Control Toolbar. Alternatively, if PTZ Controls are open, selecting **Hide PTZ** removes the PTZ Control Toolbar. PTZ-capable cameras are indicated both in full screen and from the main screen by a icon in the top-right corner of their window frame.

Note: PTZ Controls are for cameras with hardwired PTZ functionality that have been configured for PTZ Camera Control in VIGIL Server. The Show PTZ option will not be visible in the Camera Features menu for non-applicable devices.

Digital PTZ, which is available on all cameras, can be performed as usual (pinch to zoom, tap-and-drag to pan) if the selected camera does not support hardwired PTZ or if the PTZ Controls are disabled.

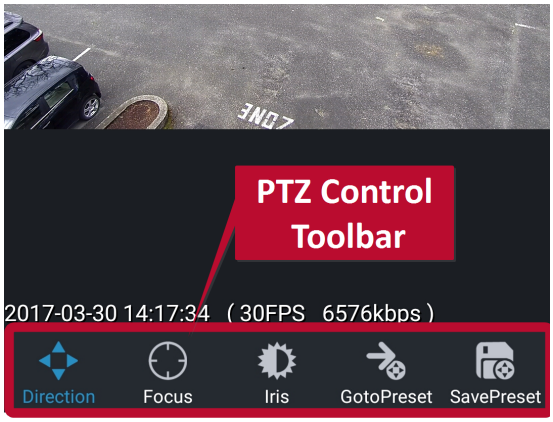

Figure 3-18: PTZ Controls - Android

PTZ camera controls are described below:

Pan/Tilt	Access hardwired Pan and Tilt mode. Drag your finger onto any of the four quadrants of the frame to move the camera. A blue line will appear to indicate direction. The longer a user makes the line, the faster the camera will pan and tilt.

Focus	Access Focus mode. Pinch together or spread apart two fingers on the screen to adjust the cameras focus.
Iris	Access Iris mode. Pinch together or spread apart two fingers on the screen to open or close the lens iris.
GotoPreset	Access Preset list(pictured below.) Choose a preset number from the list to move the camera to the chosen preset position. **Figure 3-19:** Preset List
Save Pre-set	Save the camera's current position to a preset number. Tap the number in the list to save the current position to that preset number.

Audio Talk (Android)

Selecting Audio Talk from the Camera Features menu will deploy the Audio Talk controls overlay. Audio Talk-capable cameras are indicated both in full screen and from the main screen by a icon in the top right corner of their window frame.

Note: Audio talk is only available for two-way audio capable cameras that have been configured for use with Audio Talk in VIGIL Server. The Audio Talk option will not be visible in the Camera Features menu for non-applicable devices.

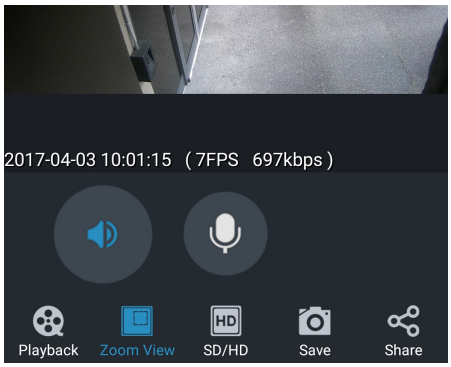

Figure 3-20: Audio Talk Overlay

If audio is being received, the speaker icon will pulsate.

- Tap the speaker icon to mute incoming audio. Incoming audio will automatically mute when you are transmitting audio.
- Tap and hold the microphone icon and speak into your device's mouthpiece to transmit audio.

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3.5 Searching and Viewing Playback

Searching Playback

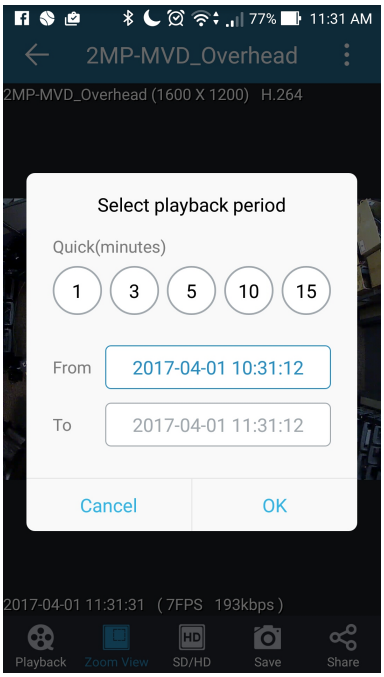

Figure 3-21: View Lite II - Playback Search Form - Android

To search playback on a specific camera:

1. Open the desired camera in full-screen mode (tap the camera in the main layout).
2. Tap the

button to open the playback search window.

After selecting the Playback button, you will be met with the *Select Playback Period* search form (pictured right).

By default you will have the option to select a *Quick* time interval; 1, 3, 5, 10 or 15 minutes of playback from the selected camera. For a more comprehensive search, a date and time range may be manually set.

To set a date and time range:

1. Select the **From**option and configure the appropriate date and time.
2. Repeat the process for the **To** option to allot the appropriate time interval for the playback footage you wish to pull.
3. Select *OK* to continue.

Note: The *POS* Option will only appear when playback is being searched on a POS-enabled camera. The POS Search will pertain only to the active camera. See "Searching POS Data" on page 55 for instructions on using the POS Search interface.

Viewing Playback

After retrieving the requested playback footage, you will be presented with the playback screen (pictured below).

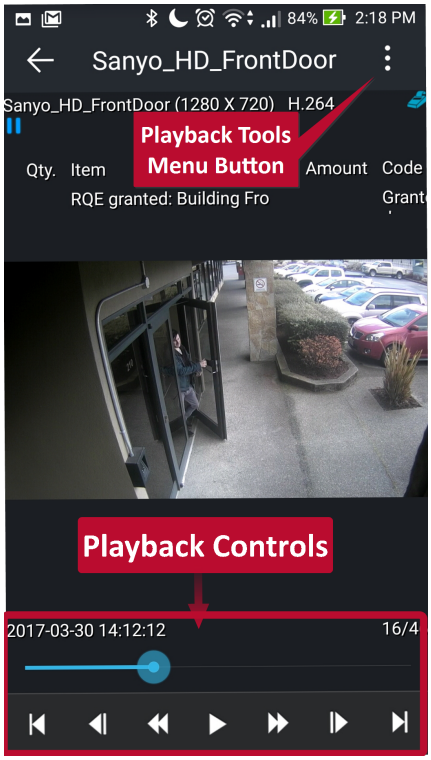

Figure 3-22: View Lite II - Viewing Playback - Android

Playback Controls	
[H.264] 1X	Indicates the current status of the video as well as playback speed(1x in the above example.)
2013-05-22 10:38:38 2995/4516	Time and Current / Total frame count for active playback footage.
	Brings queued playback to thelast / first frame of the footage.
	Set the currently queued playback footage back / forward 10 frames.
	Rewind / fast-forward the footage frame-by-frame.
	Pause/ Play the currently queued footage.

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Playback Tools:

To open playback tools:

1. Click the ⋮ icon in the upper-right corner of the playback screen.

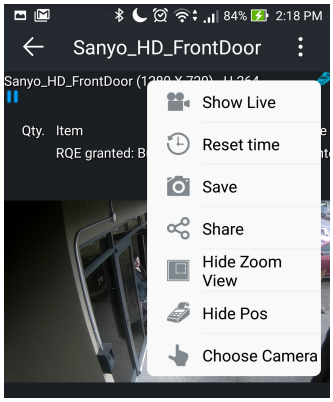
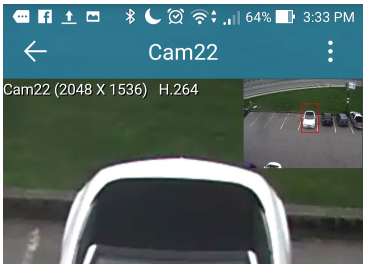
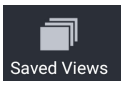


Figure 3-23: View Lite II - Playback Tools- Android

Playback Tools	
Show Live	Toggle the Live Preview box on or off (Show / Hide). This feature enables a user to view a small preview window featuring the live stream of the camera currently being queried for playback.
Share	Share the current camera image as a snapshot. Share options will be dependent on your device and installed applications. Common options include email, instant messaging / SMS, social media apps, etc…
Save	Saves the current still image to the Android device's gallery. This option is located at the top-center of the playback window.
Hide Pos	Toggle On-Screen Display(OSD) of POS data on or off (Show / Hide) for applicable cameras.
Hide Zoom View	Toggle eagle-eye zoom view on or off (Show / Hide). Zoom view is a full-screen preview window that opens when using digital zoom (pictured below). Enable this feature to keep aware of your zoomed location in relation to the full image.  **Figure 3-24:** Zoom Controls - Eagle Eye View

3.6 Saving and Loading Views

To save your current view (your current layout including assigned cameras):

1. Navigate to the *Views* screen by tapping the 

button on the View Lite II main screen. You will be met with the below window.

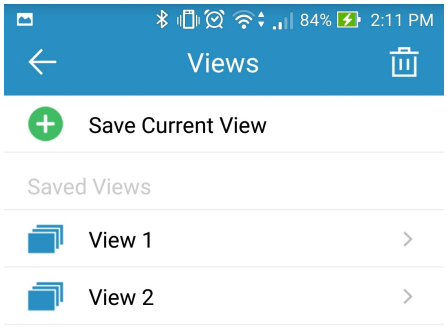


Figure 3-25: Select View Group Window - Android

To save a view:

1. Tap **Save Current View**.
2. Enter a *View Group Name*
3. Tap **OK**. Your View will now be available in the list of *Saved View Groups.*

To load a view:

1. Tap the desired View in the *Saved View Group* list. The main screen will deploy with the chosen View's layouts and cameras loaded.

To delete a view:

1. Tap the Delete icon in the upper right corner of the window. A delete icon will now appear next to all saved views.
2. Tap the red delete icon next to the view you want to delete. You will be prompted to confirm.
3. Tap **Yes.** The View will now be deleted.

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3.7 Using Layouts

To use a pre-configured layout:

1. Tap the

button on the main screen toolbar. This will load the layout selection dialogue.

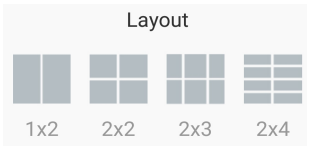

Figure 3-26: View Lite II - Layout Selection Dialogue- Android

To select a layout:

1. Tap a layout. The chosen layout will now appear on the main screen. If a VIGIL Server is currently displaying cameras, View Lite II will automatically fill the layout windows according to camera number order.

After selecting, swipe left or right from the middle of a layout to scroll through the layout pages. Alternatively, tap one of the paging dots located near the bottom of the layout frame to cycle the pages. Up to 32 cameras can be displayed with a maximum of 8 (4x4) per layout page.

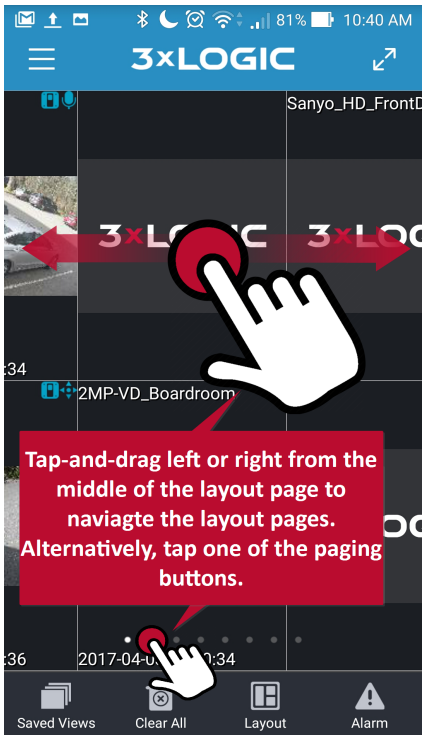

Figure 3-27: Navigating Layout Pages

3.8 Alarms (Android)

When Alarm *Push Notifications* have been enabled and properly configured for one or more of your video sources, a user may select the

icon from the main screen toolbar to open the *Alarm* screen.

Note: Only alarms configured to notify View Lite II when triggered will appear in the Alarms list. *Push Notifications* must enabled and configured in both the View Lite II Settings as well as within an individual video source's setting to successfully populate the *Alarms* notifications list. See "Configuring Push Notifications" on page 59 and "Notifications" on page 57 for more information.

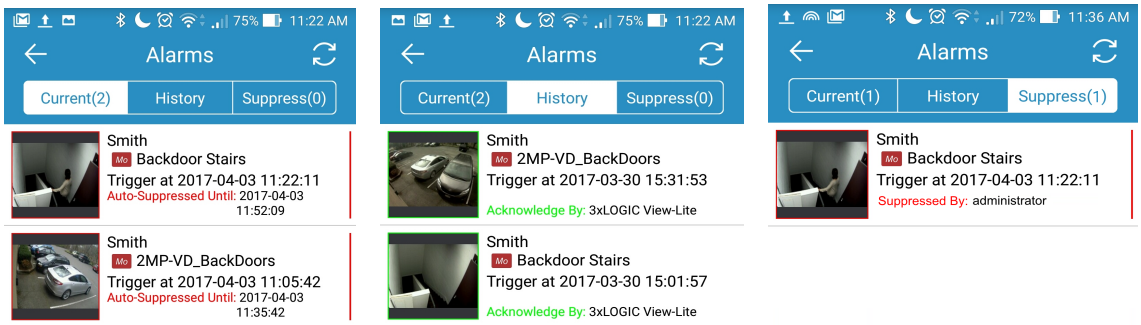

Figure 3-28: View Lite II - Alarms Window- Current, History and Suppressed Tabs

Alarm entries contains the Server Name, Alarm Type and Name, Triggered Date and Acknowledge info.

Note: For All-in-One cameras, a download icon will be visible in place of the thumbnail image. Click the icon to download the preview thumbnail image.

Current Tab

The Current tab lists all Unacknowledged Alarms. Tap an entry for the following options:

Acknowledge	Acknowledge the Alarm(places under Alarms - History Tab)
Acknowledge All	Acknowledge all Alarms(places under Alarms - History Tab)
Live	View live footage from the associated camera.
Playback	View the playback surrounding the alarm event.
Suppress	Suppress the alarm(places under Alarms - Suppress Tab). This will open the Suppress Alarm Settings screen. Configure the suppression duration and click *OK* to suppress the alarm. All alarms of this type will be suppressed for the configured duration.

History Tab

The History tab lists all Acknowledged Alarms. Tap an entry for the following options:

Live	View live footage from the associated camera.
Playback	View the playback surrounding the alarm event.
Suppress	Suppress the alarm(places under Push Notifications - Suppress Tab). This will open the Suppress Alarm Settings screen. Configure the suppression duration and click *OK* to suppress the alarm. All alarms of this type will be suppressed for the configured duration.

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Suppress Tab

The Suppress Tab lists all Suppressed Alarms. Tap an entry for the following options.

Edit	Edit the suppression duration value.
Cancel/Cancel All	Cancel the suppressed alarm/Cancel all suppressed alarms (places back in Current tab).

3.9 Searching POS Data

POS Search is available for cameras that have been properly interfaced with a POS connection in VIGIL Server. Cameras interfaced with an active POS Connection are indicated both in full screen and from the main screen by a icon in the top-right corner of their window frame. To search a camera for POS data:

1. Open an applicable camera in full-screen mode.
2. Tap the Camera Features context menu and select **POS Search.** The POS Search form will deploy. A POS Search for all cameras on a VIGIL Server can also be initiated by opening the *Options* side menu on the View Lite II main screen, selecting a video source and choosing POS Search from the video source tools menu.

Note: To perform a camera-specific POS search, select the *Playback* button from a POS-enabled camera's Camera Features menu and tap the POS button after filling in your playback search criteria.

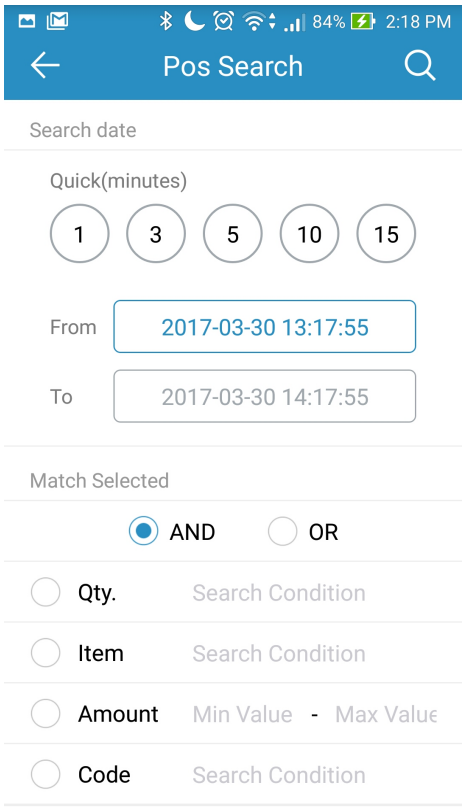

Figure 3-29: View Lite II - POS/ATM Search Form - Android

3. Fill in the appropriate search time frame and criteria /filters and logical operators.
4. Tap the icon to begin searching.

POS Search Results Page

After performing a search, a list of results will deploy.

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Qty.	Item	Amount	Code	Reg #	Cashier	Receipt #	Timestamp	Idx	Term #
	Cash Tender	3.75	4003	1	307	1199191	2014-01-03 15:57:35	470	1
	Subtotal/Tax:0.320	3.66	4065	1	307	1199191	2014-01-03 15:57:34	469	1
1	Marb Ult Lt Kg Bx	3.49	4002	1	307	1199191	2014-01-03 15:57:33	468	1
	Suspend Transaction		4017	1	307	1199189	2014-01-03 15:57:29	467	1
	Prepay Suspend/Pump:8	10.00	4090	1	307	1199189	2014-01-03 15:57:27	466	1
	Cash Tender	11.00	4003	1	307	1199189	2014-01-03 15:57:26	465	1
	Subtotal/Tax:0.070	10.96	4065	1	307	1199189	2014-01-03 15:57:25	464	1
1	12oz Dt Coke Cn	0.89	4002	1	307	1199189	2014-01-03 15:57:24	463	1
	Prepay/Volume:0.000/Pump:	10.00	4041	1	307	1199189	2014-01-03 15:57:23	462	1
	Credit Card/xxxxxxxxxxx2	32.76	4004	6	242	6091479	2014-01-03 15:57:19	461	6
	Subtotal/Tax:2.770	32.76	4065	6	242	6091479	2014-01-03 15:57:18	460	6
1	Deluxe Motor Carrier	29.99	4002	6	242	6091479	2014-01-03 15:57:17	459	6
	Cash Tender	100.00	4003	1	307	1199187	2014-01-03 15:57:14	458	1

Figure 3-30: POS/ATM Search Results Screen

- Use the arrow buttons at the bottom of the screen to quickly navigate results that span multiple pages.
- Tapping the page count button

will generate the full list of available results pages. Select a number to jump to the corresponding POS Search results page.
- Tap a POS item in the results table and tap the (*Playback*) button to view footage surrounding the selected POS entry.

3.10 View Lite II Settings

To open the View Lite II Settings menu(pictured below):

1. Swipe right from the left-edge of your device's screen to open the *Options* side menu.
2. Tap the Settings button. The View Lite II Settings window will deploy.

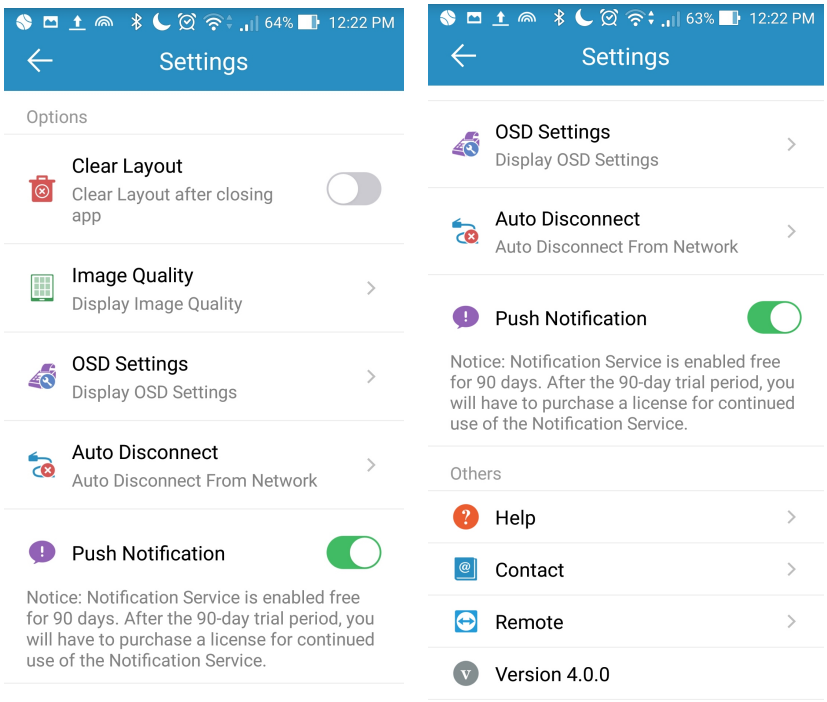

Figure 3-31: View Lite II - Settings Menu - Android

Option / Setting	Description
Clear Layout	Enabling this settings clears main screen layout when app is closed.
Image Quality	Click this settings to adjust main screen camera image quality. Available settings include *Low*, *Medium* and *High*.
OSD Settings	Opens the POS OSD Settings form. From this window, a user can adjust OSD font size and color, adjust OSD dwell times, line maximums, refresh times as well as choose which POS columns are visible.
Auto Disconnect	Configure Auto-Disconnect settings. This is a battery-saving feature intended to prevent over-consumption of battery life when using 3G/LTE connections. A user may choose how long to disconnect from View Lite II when cellular data and WiFi connections. Default disconnection values are *5 minutes* for cellular and *Never* for WiFi.
Notifications	Use the switch to toggle Push Notifications on or off. Push Notifications must also be enabled via your Android device settings as well as within individual Video Source settings. See "Configuring Push Notifications" on page 59 for more information.

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After enabling push notifications, View Lite II notifications will now appear in your Android Notifications Tray. If you are using the app when a push notification is received, it will appear in a pop-up (as pictured below).

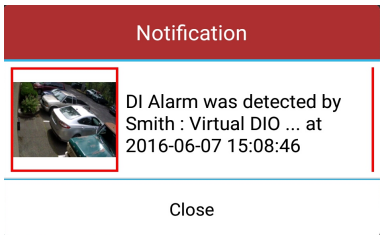

Figure 3-32: Push Notification - Example - Android

Other Settings	
Help	Load the 3xLOGIC View Lite II User's Guide. You're here right now!
Contact	Opens the 3xLOGIC.com - Contact Us page.
Remote	Opens the Remote Help request form. Fill-out the available fields. Be sure to include the main issue you are encountering in the *Content Description* field. A 3xLOGIC support representative will be in contact to arrange a remote help session.
Version #	Lists View Lite II version number.

3.11 Configuring Push Notifications

Note: This section outlines enabling push notifications for an individual video source. However, in order for push notifications to function successfully, they must also be enabled in the View Lite II Settings page (See "Notifications" on page 57) and within your Android device's settings.

To configure push notifications for a video source

1. Open an applicable video source's configuration settings form from the VIGIL Server / 3xCLOUD / VCM Configuration window.

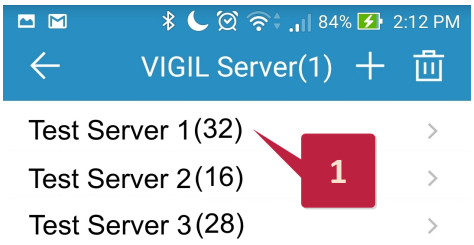

Figure 3-33: Opening a Video Source's Configuration Settings

2. Tap the **Notifications** item. The Push Notification settings form for the chosen video source will now deploy.

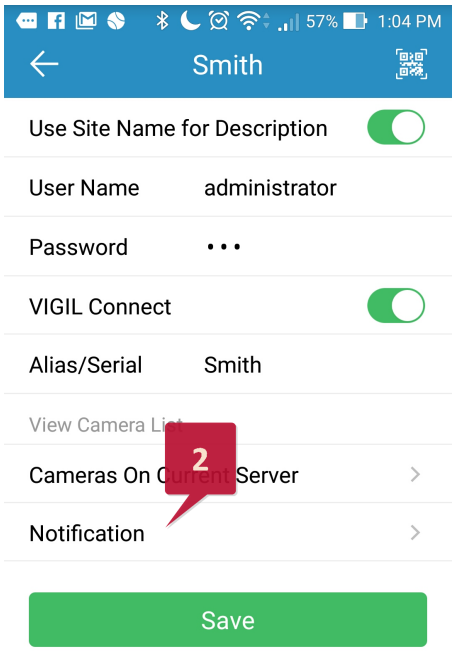

Figure 3-34: Enabling Push Notifications

3. Move the Push Notifications switch to the *ON* position (green) to enable notifications for the chosen video source. A list of available alarms will deploy.

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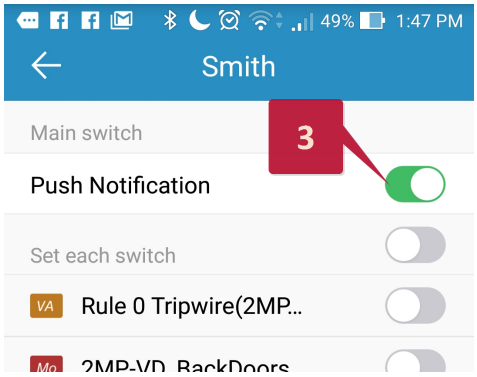

Figure 3-35: Activating Push Notifications for a VIGIL Server

To customize which alarms from the video source will trigger push notifications on your device:

4. Move the slider to the*ON* position (green) for desired alarms. All VIGIL Server alarms types are supported including Video Analytics, Motion and DIO. To select all alarms, toggle the **Set Each Switch** option to the on position.

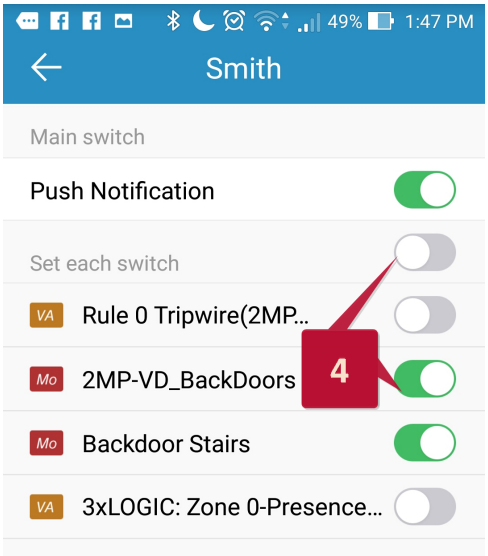

Figure 3-36: Enabling Alarms for Push Notification

After selecting desired alarms:

5. Tap the back button on your Android Device or use the back arrow (top-left). Push Notification settings will be saved. Repeat the process as required for other video sources.

Push notifications will now appear in your Android Notifications Tray. If you are using the app when a push notification is received, it will appear in a pop-up (as pictured below).

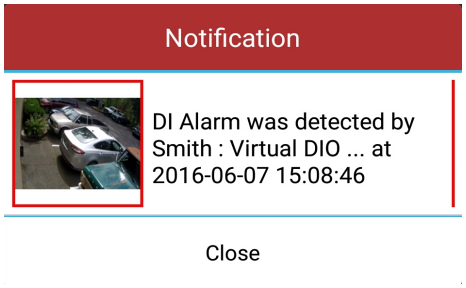

Figure 3-37: Push Notification - Example - Android

- Click the pop-up to be taken to the corresponding alarm on the Alarms page.

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4 Launch From URL - API Commands - Android and iOS

The URL auto-launch feature is intended for use in conjunction with third party applications to launch View Lite II internally from an app or web interface, with corresponding footage from a desired VIGIL Server/ All-in-One Camera ready for review. This feature is compatible with both Android (View Lite II 3.5.0 and later) and iOS (View Lite II 3.2.0 and later) versions of View Lite II.

To utilize this feature, construct the below URL using the required API commands. Configurable API parameter values are enclosed in square brackets in the below example.

```
http://www.3xlogiccloud.com/api/request/?vigilconnect=[IsEnableVIGILConnect]
&dvrid=[VIGILServerVIGILConnectAliasName|VIGILSeverIPPort]&username=[Username]
&password=[Password]&camera=[CameraNumber]&start=[StartTime]&end=[EndTime]&mode=
[Live|Playback]&isutc=[UseUTC]&fps=[fpsvalue]
```

Enter the desired parameter values and query the URL to launch View Lite II. API Parameters are described below. Only parameters marked with an * are optional.

API Parameter	Description
vigilconnect	This parameter designates whether VIGIL Connect will be utilized to retrieve Live or Playback from a VIGIL Server / All-in-One Camera. Available values: ***0*** or ***1***. A value of 1 indicates VIGIL Connect will be used to retrieve Live or Playback from VIGIL Server. A value of *0* indicates a direct connection will be utilized.
dvrid	If VIGIL Connect is used, this parameter value should be the VIGIL Server's MAC address or VIGIL Connect Alias, otherwise this parameter is the *IP:Port* of the desired VIGIL Server (Example: 192.168.11.123:22810).
username, password	This parameter defines the login credentials of the VIGIL Server you are attempting to communicate with. The password must be base_64 encoded.
camera	This parameter should be set to the desired camera's number as assigned in VIGIL Server. If you are querying an All-in-One Camera, set the value to***1***.
mode	This parameter designates the expected footage mode. Available values: ***live*** or ***playback*** The below parameters are used when the parameter *mode* is set to ***playback.***
start, end	These two parameters are used to establish the playback footage time frame. Enter the desired start time of the playback in the start parameter and the desired ending time in the end parameter. These parameters are specified in the format *yyyy-mm-dd hh:mm:ss*.

API Parameter	Description
isutc	This parameter defines whether the start time and end time are UTC time. Available values: ***0*** or ***1***. A value of 0 indicates the start / end time will be the VIGIL Server's local time; a value of 1 indicates the start / end time is UTC time.
***fps**	This parameter defines the desired FPS (frames-per-second) speed of the footage. This parameter is optional when the parameter *mode* is set to ***live***.

Launch From URL - Example URLs

- Using VIGIL Connect to retrieve Live from a VIGIL Server / All-in-One Camera.

https://www.3xlogiccloud.com/api/request/index.php?dvrid=smithy
&username=administrator&password=MTIz&camera=1&mode=live&isutc=0&vigilconnect=1

- Using VIGIL Connect to retrieve Playback from a VIGIL Server / All-in-One Camera.

https://www.3xlogiccloud.com/api/request/index.php?dvrid=smithy&
username=administrator&password=MTIz&camera=1&mode=playback&start=2016-09-06%200:12:00&end=2016-09-06%2012:13:00&isutc=0&vigilconnect=1

- Using a direct connection to retrieve Live from a VIGIL Server / All-in-One Camera.

https://www.3xlogiccloud.com/api/request/index.php?
dvrid=192.168.1.2:22810&username=administrator&password=MTIz&camera=1&mode=live&vigilconnect=0&isutc=0

- Using a direct connection to retrieve Playback from a VIGIL Server / All-in-One Camera.

https://www.3xlogiccloud.com/api/request/index.php?
dvrid=192.168.1.2:22810&username=administrator&password=MTIz&camera=1&mode=playback&start=2016-09-06%200:12:00&end=2016-09-06%2012:13:00&vigilconnect=0&isutc=0

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5 Contact Information

3xLOGIC has offices in Victoria BC, Canada and in Westminster, Colorado, USA. Please visit our 3xLOGIC web site at www.3xlogic.com. Please contact us by e-mail at helpdesk@3xlogic.com (technical support), or using the following contact information:

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6 Version Control

Guide Version / Date	Changes
1.0/May 2013	Initial User Guide Construction.
1.1/August 2014	Added Android Section.
2.0/April 2015	Converted to View Lite II. Added new v2.2.0 features to Android and iOS sections: ■ Alarms. ■ Push Notifications. ■ New 3xLOGIC Cloud Account Setup. ■ New Settings Menu. ■ New Add/Edit Server Forms.
2.5/October 2015	Added new v2.5.0 features to Android and iOS sections: ■ VCM Support. ■ Auto Display All Server Cameras.
2.5.1/April 2016	Restyled for VIGIL 9.
3.0.0/May and June 2016	Added Audio Talk info for Android. Added separate Push Notification Settings sections for iOS and Android.
3.0.1/ July 2016	Swapped screenshots to reflect changes to UI in 2.9.0 (iOS) and 3.1.0 (Android)
3.0.2/ November 2016	Added new features for 3.5.0 (Android) and 3.2.0 (iOS) ■ Added Audio Talk (iOS, Section 3.4.2) ■ Added Download Thumbnail Preview note to Alarms section (iOS and Android). ■ Added Launch from URL - API Commands (Section 4)
4.0.0 / April 2017	Replaced all appropriate content for v4.0.0 release(iOS and Android).

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VIGIL 9.5

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