



Thank you for choosing Digital Watchdog's Mobile Client. This app allows you to view and monitor your entire surveillance solutions, including both analog and IP complete DW solutions. Control, view live and playback, audio and geographical location all from the same user-friendly app.



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MOBILE APP CONFIGURATION

Welcome Registration Page

When you login to the app for the first time, you will be prompted to register a username and password for the app. This is the username and password you will use to access the app. You can also skip this and setup your username and password later by accessing the Setup menu and selecting 'Account Management'.

To setup your username and password, enter:

- Name
- E-mail
- User ID
- Password
- Re-type password
- You can also select to be included in e-mail notifications for new firmware, products, special promotions and more.

Account Management

To edit any information entered in the welcome registration page, access the Account management screen under the setup option. Here you can modify your username and password, contact e-mail, and select to be included in e-mail notifications for new firmware, products, special promotions and more.

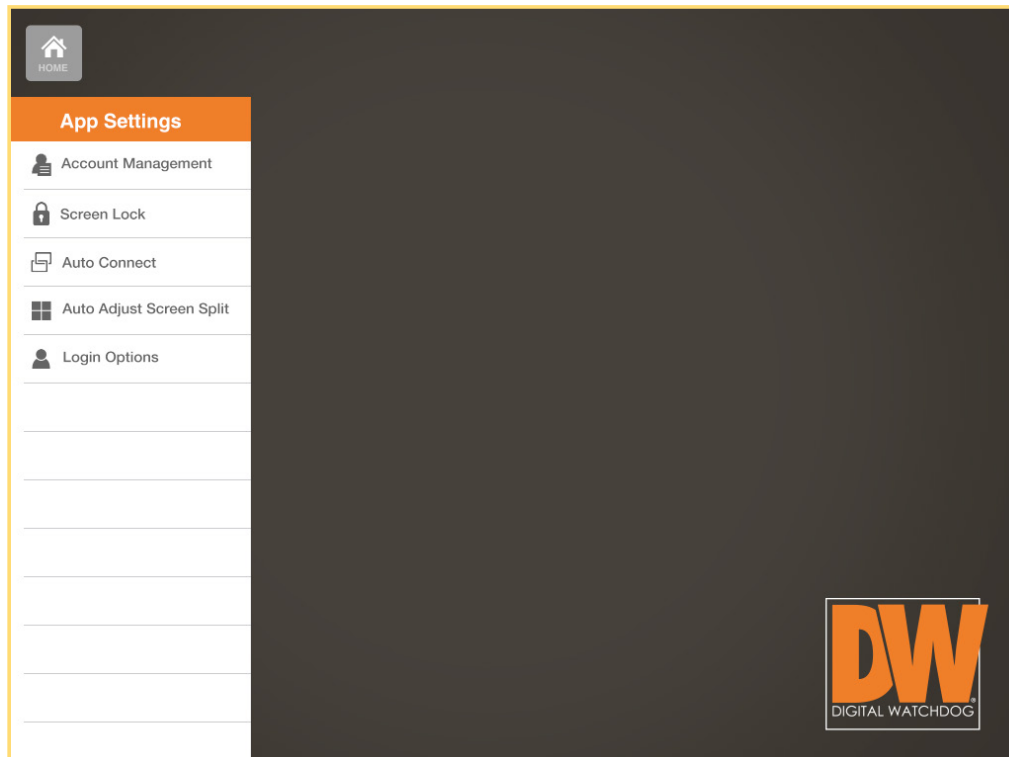
Screen Lock

Auto Connect

If enabled, the app will automatically connect to the last site running when launched.

Auto Screen Mode

If selected, when viewing a site, the app's main display will automatically display a screen split matching the number of cameras associated with the site.

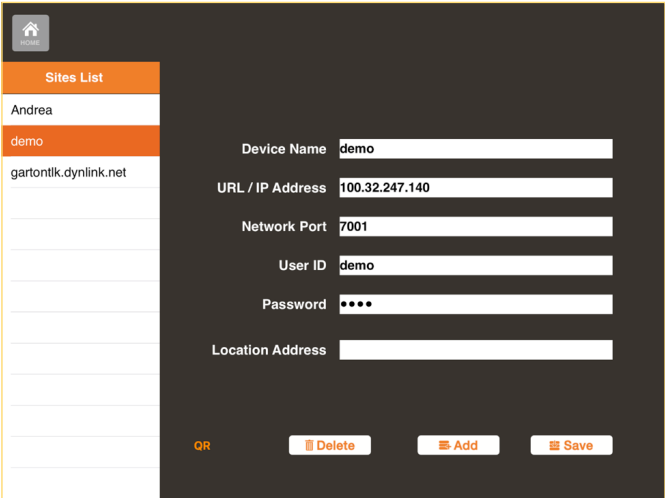


DEVICE CONFIGURATION MENU

Adding a Device

If you are adding the first site to your list, enter the site’s information in the screen. If you are adding consecutive sites to the app, press the ‘New’ button to add a new site.

- Name: Enter a name associated with the site
- URL/ IP Address: Enter the site’s IP or DDNS address (if you are connecting to the site publicly, you may have to open ports on your router. Contact your Network Administrator for more information).



Stream and Network Port: Enter the proper ports to connect to your site. Refer to the table below for the default port information for Digital Watchdog’s devices:

Device Model	Default ports
DW Spectrum® IPVMS servers	7001
VMAX® A1™ DVRs	Network Port: 9010, Web Port: 80
VMAX® 960H™ DVRs	Network Port: 9010, Web Port: 80
VMAX® 480 DVRs	Network Port: 9010, Web Port: 80
VMAX® Flex™ DVRs	Network Port: 9010, Web Port: 80
VMAX® HD™	Web Port: 54
VMAX® HD Flex™	Web Port: 10101
VMAX® Transporter	Web Port: 10101

- User ID and Password: Enter the device’s User ID and Password
 - Location Address: The app is powered by Google Maps, allowing it to track and display the location of all your devices. To do so, please enter the full address associated with the device.
- When all the information has been entered properly, press ‘Save’ to add the site to the Site List.

Editing a Device

To edit an existing site from the Sites List, select the site by tapping the name on the Site List. The site’s information will be displayed on the screen. Modify the information as needed and select ‘Save’.

Deleting a Device

- To delete a site from the Site List, select one of the following options:
- Tap on a site from the Site List. Press the ‘Delete’ button.
 - Slide your finger to the left over the site on the Site List you want to delete. The red Delete button will appear next to the site’s name. Press to delete, or slide the site name back to the right to cancel.

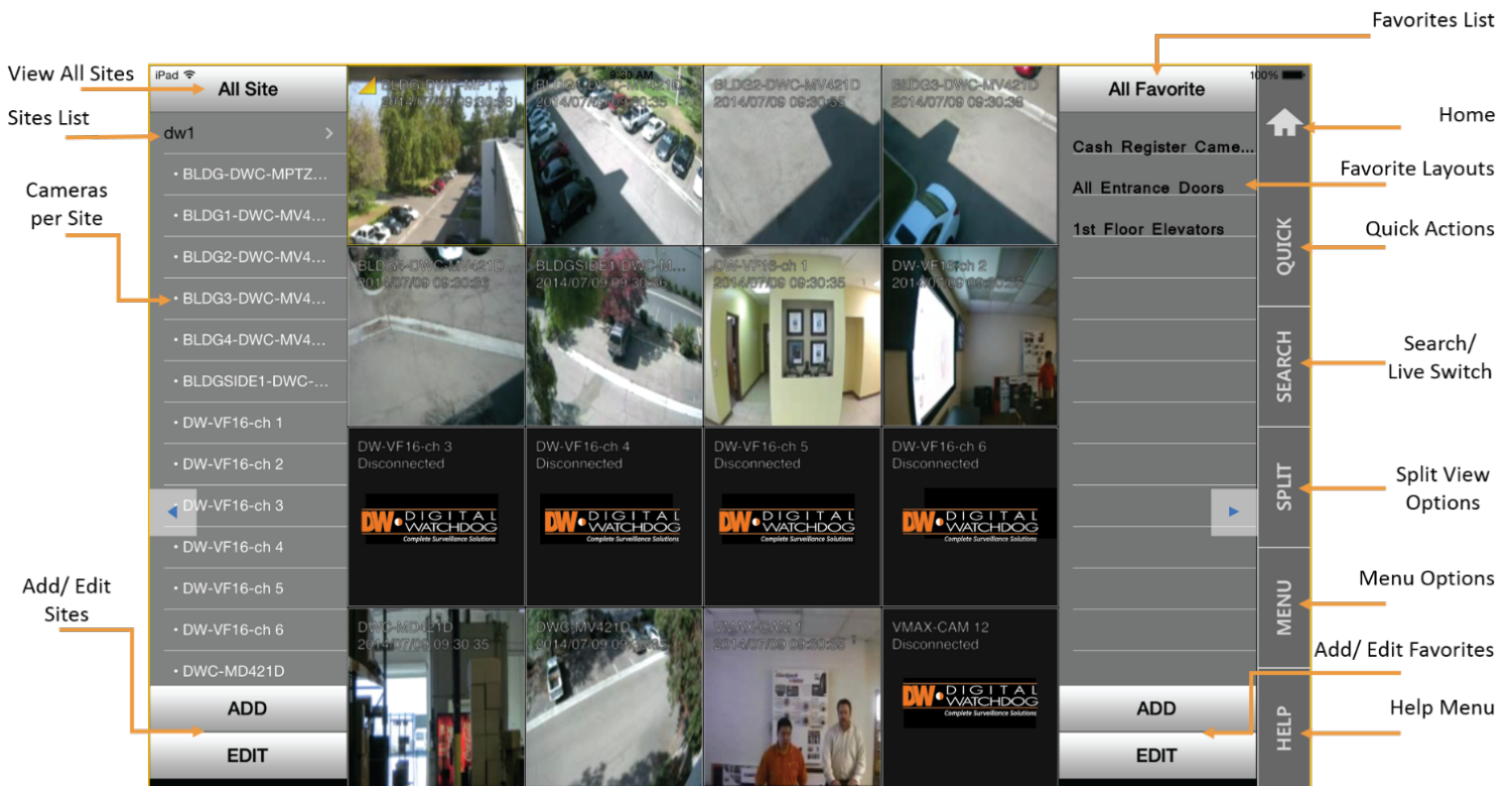
Supported Devices

Below is a list of all devices supported by Digital Watchdog's App:

- All Servers Powered by DW Spectrum® IPVMS
- Blackjack® Blade™
- Blackjack® Bolt™
- Blackjack® Cube™
- Blackjack® Cube DL™
- Blackjack® S-Rack™
- Blackjack® P-Rack™
- Blackjack® E-Rack™
- VMAX® A1 DVRs
- VMAX® 960H series DVRs
- VMAX® 480™
- VMAX® Flex™
- VMAX® HD™
- VMAX® HD Flex™
- VMAX® Transporter™

MONITORING CENTER

Main View



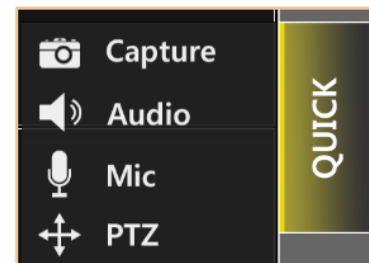
Menu Bar

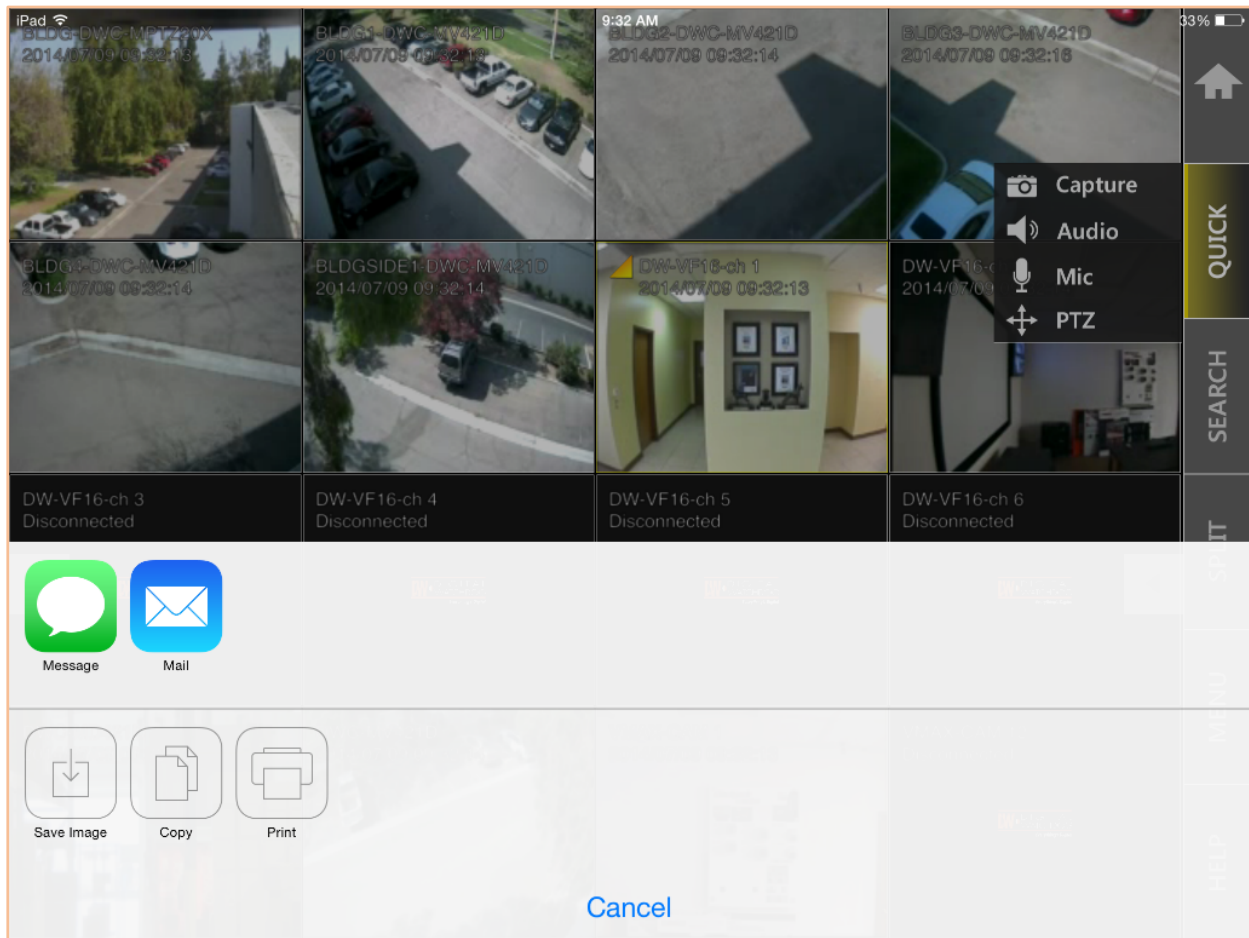
The Menu Bar includes access to all the main functions, features and display options you will need while in the monitoring center. The Menu bar includes six buttons that offer additional features, view modes, transition between live and playback video, and more.

Quick

The quick menu option includes some of the more popular features of the app, all conveniently located under a single place for easy and quick access.

- **Capture** – click on the capture button to instantly save a JPEG image from the selected channel. When an image is captured, the iOS sharing center will automatically appear, allowing you to share captured images of events instantly with all necessary parties. If you chose to export the image and e-mail it, the e-mail with the image attached will include the image's camera name and date and time for your records





- **Audio** – when enabled, you can hear audio from the selected camera. This feature is available only on supported cameras set and configured to receive and stream audio. Consult your device's manual for additional information on proper configuration.
- **Mic** – when enabled, you can communicate between your smart phone and tablet to the selected device. This feature is available only on supported cameras set and configured to receive and stream audio. Consult your device's manual for additional information on proper configuration.
- **PTZ** – when enabled, you can control any Pan Tilt Zoom camera connected to your devices. When enabled, an eight-directional virtual controller will appear on the screen. Press and hold the arrow in the direction you want to move the camera. You may zoom in and out of the camera's view as well, on supported devices.

This feature is available only on supported Pan Tilt Zoom cameras set and configured to be controlled via their device. Consult your device's manual for additional information on proper configuration.



Search/ Live

To view a selected channel in playback or search mode:

1. Press the 'Search/ Live' button.
2. You can also tap and hold on the channel for five seconds. This will pop up the instant search options window. Select the instant playback option to playback video for the selected channel from:
 - 1 minute ago
 - 10 minutes ago
 - 30 minutes ago
 - 1 hour ago
 - View first data available for the channel
 - Select Date/ Time to open the manual calendar search
3. To return to live mode, press the 'Search/ Live' button again.
4. To learn more about the playback mode and controllers tap [HERE](#).

Split

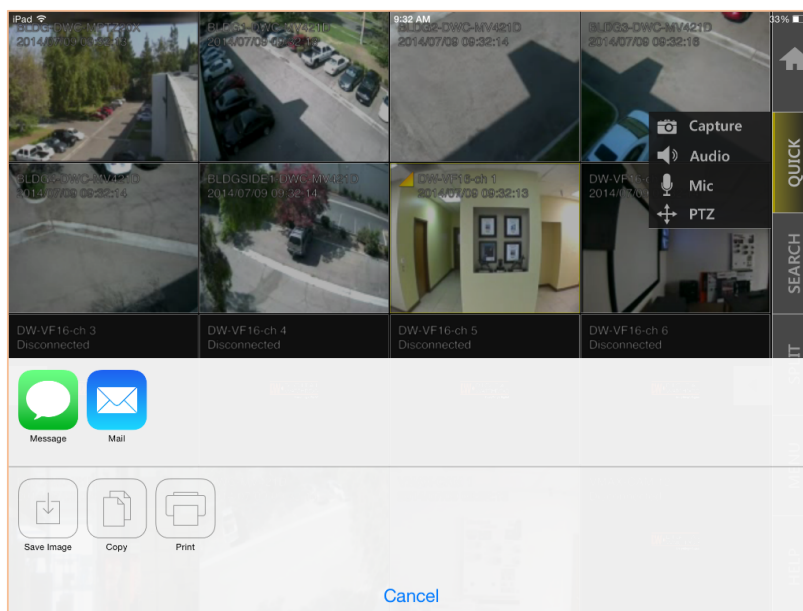
Viewing Options – Select the display option from the available options. Select from single channel, 4, 6, 7, 8, 9, 10, or 16 channel views. These views are dynamic and can be scrolled down to view more channels. For example, you can select the 6-channel split mode for channels 1-6. When scrolling down, the next 6-channel split mode will appear, displaying channels 7-12.

Simultaneous Live and Search View – you can monitor a channel in live while reviewing playback video at the same time. To do so:

1. Select a single channel
2. From the split view options, select L/S view.
3. The screen will display live video from the selected channel on the top view, and playback video and playback controls on the lower view.
4. To exit the simultaneous Live and Search view, press the L/S button in the split view options.

Menu

- **Live** – If the button is highlighted, this indicates that you are currently viewing live video. Press to return from playback mode to the last live layout you were monitoring.
- **Search** – If the button is highlighted, this indicates that you are currently viewing playback video. Press to go to search mode for the selected single channel.
- **Capture** – click on the capture button to instantly save a JPEG image from the selected channel. When an image is captured, the iOS sharing center will automatically appear, allowing you to share captured images of events instantly with all necessary parties. If you chose to export the image and e-mail it, the e-mail with the image attached will include the image's camera name and date and time for your records.



- **Audio** – when enabled, you can hear audio from the selected camera. This feature is available only on supported cameras set and configured to receive and stream audio. Consult your device's manual for additional information on proper configuration.
- **Mic** – when enabled, you can communicate between your smart phone and tablet to the selected device. This feature is available only on supported cameras set and configured to receive and stream audio. Consult your device's manual for additional information on proper configuration.
- **OSD** – Select to show or hide the camera's name, date and time.
- **PTZ** – when enabled, you can control any Pan Tilt Zoom camera connected to your devices. When enabled, an eight-directional virtual controller will appear on the screen. Press and hold the arrow in the direction you want to move the camera. You may zoom in and out of the camera's view as well, on supported devices. This feature is available only on supported Pan Tilt Zoom cameras set and configured to be controlled via their device. Consult your device's manual for additional information on proper configuration.



Help

Enter the help button to access useful information on the go on how to use the DW Client app and get the most out of your app experience. This interactive help menu includes setup instructions, recommended connection information for Digital Watchdog's devices, login information to public and free Digital Watchdog demo sites, features and access to the welcome tutorial.

Sites List

The Site List on the left-hand side of the screen displays all sites that were added under the Device configuration page. Here you can connect to individual sites, select specific cameras from each site to view simultaneously, or connect and monitor all sites on the list at the same time.

To show the Site List Panel:

1. Press the arrow on the left side of the screen, or
2. Drag the left side of the screen to the right to show the panel.

To hide the Site List Panel:

1. Press the arrow on the right side of the panel, or
2. Drag the Site List panel to the left to hide it.

Favorites

The Favorites List on the right-hand To show the Favorites List Panel:

1. Press the arrow on the right side of the screen, or
2. Drag the right side of the screen to the left to show the panel.

To hide the Favorites List Panel:

1. Press the arrow on the left side of the panel, or
2. Drag the Favorite List panel to the right to hide it.

Viewing and Monitoring

• View a Single Site

To view all cameras from a single site:

1. Tap and hold the site's name on the site list.
2. Drag the name to the display area.
3. If 'Auto Screen Mode' is enabled, the display area will automatically change to display all channels associated with the site.
4. If the site has more than 16 cameras, you can view all of them by scrolling down the display area. To do so, while holding your finger to the tablet, drag your finger up to scroll down. Drag your finger down to scroll back up.

Controlling the Monitoring View

• Pinch-to-zoom

using your thumb and index finger, you can digitally zoom in and out of a camera's view. Digital zoom is available in live and playback, in both full channel and multi-channel viewing modes. To do so:

1. Select a camera. You can remain in multi-channel split mode, or select to view the camera in single, full channel mode.
2. To zoom in: place your index finger and thumb on the screen, and drag them away from each other in a widening motion.
3. To zoom out: place your index finger and thumb on the

• Re-Arrange Display Order

You can re-organize your monitoring display by arranging the order of the cameras being displayed. In multi-size displays (for example 6 and 7 split viewing modes), you can also transfer cameras from the smaller displays to the large ones and vice versa. To do so:

1. Tap and hold the channel you want to move.
2. The channel's image will slightly shrink, indicating the image is being "held".
3. Drag your finger over the screen to move the channel to the desired location on the split view.
4. Release the channel by removing your finger from the screen.

• Move Layout Up and Down

The DW Client app allows you to monitor up to 128 channels simultaneously. The split screen options offer up to 16 channel view to prevent detail loss by displaying smaller and more granular splits. To view all 128 channels, you can select any split view mode and scroll up and down the display area to load more cameras. To do so:

1. Select the split mode you want for to view.
2. Select which sites and cameras you want to monitor by clicking on them or drag-and-drop them into the display area.
3. Tap your finger on the screen and hold.
4. Drag your finger up to scroll down the display area.
5. Drag your finger down to scroll up the display area.

• Instant Search

You can instantly jump to playback for a selected channel. To do so:

1. Tap and hold your finger on the channel you want to search for five seconds.
2. The Instant Playback options window will appear. Select from the following:
 - View video from 1 minute ago.
 - View video from 10 minute ago.
 - View video from 30 minute ago.
 - View video from 1 hour ago.
 - Select date and time to view.
3. The monitoring view will automatically go to the selected playback time.
4. If date and time was selected, the playback screen will display the calendar search. Scroll up and down to locate the exact date and time you want to search. Select 'Search' to load

Instant Search

Select Search Time

1 Minute

10 Minute

30 Minute

1 Hour

First Data

Select Date/Time

Cancel

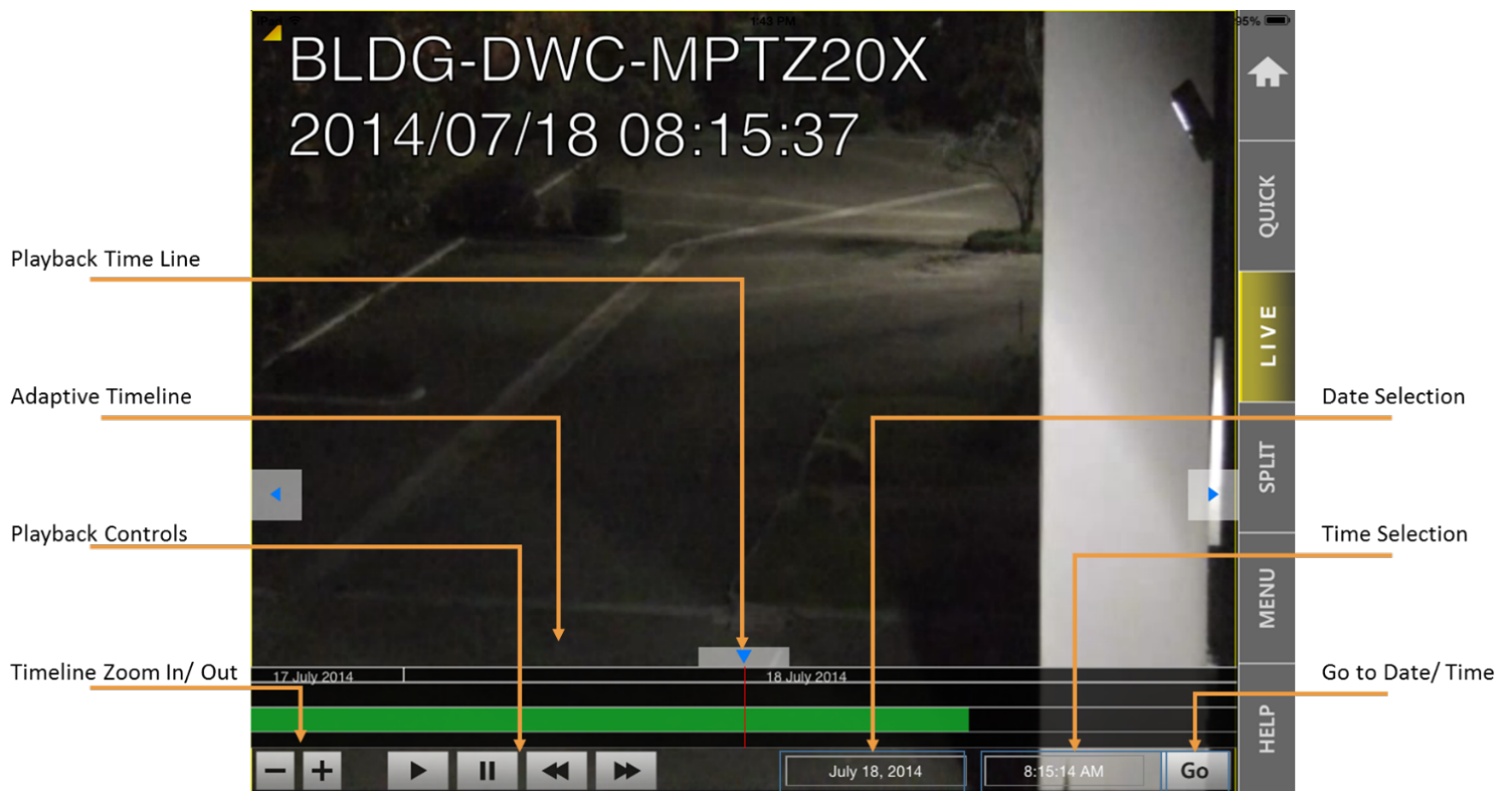
April	14	2011		02	41	50
May	15	2012		03	42	51
June	16	2013	AM	04	43	52
July	17	2014	PM	05	44	53
August	18	2015		06	45	54
September	19	2016		07	46	55
October	20	2017		08	47	56
				Search	Cancel	

• Camera's Information

The camera's main information can be viewed while monitoring the system. This includes the site's name, camera's name, live/ playback indication, display resolution, IP and MAC address and date and time. To view the camera's information:

1. Select a camera from the display. Selected camera view will be highlighted with a yellow frame.
2. A small arrow will appear next to the camera's name on the upper lefthand side of the screen.
3. Press the arrow to display the camera's information window.
4. To hide the information, tap anywhere on the screen.

Search/ Playback View



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FUNCTION		DW® MOBILE™ (iOS)	DW® MOBILE™ PRO	DW® MOBILE™ (Android)
Number of Sites		Unlimited	Unlimited	Unlimited
Number of Viewing Channels		View up to 16 Channels Simultaneously		View up to 128 Channels Open at One Time View up to 25 Channels Simultaneously View up to 25 Channels Open at One Time
Layout Options		Single, 4, 6, 7, 8, 9, 10, 16, Single Channel in Live and Playback		
Multi-Site Layouts		Save Favorite Layouts		
Live	Single Site	yes	yes	yes
	Multi-Site	yes	yes	yes
	View All Sites	yes	yes	yes
	View All Favorites	yes	yes	yes
Operational	Pinch-to-Zoom	yes	yes	yes
	GPS	Save Location Service Powered by Google® Maps		
	OSD	Show / Hide OSD in Monitoring Screen		
	Single Channel	yes	yes	yes
	Single Channel Playback During Live Viewing	NA	yes	yes
	Multi-Channels	NA	yes	NA
Playback	Quick Playback	1, 10, 30, 60 minutes		
	Adaptive Timeline Search	yes	yes	yes
	Bookmark	NA	yes	NA
	Fast Forward	NA	yes	yes
	Rewind	NA	DW Mobile Pro 2.0 (coming soon)	yes
	Simultaneous Live & Playback (L/S Mode)	yes	yes	yes
PTZ	Virtual Joystick Controller	yes	yes	yes
	Move to Preset	NA	DW Mobile Pro 2.0 (coming soon)	yes
Export	AVI	NA	yes	yes
	Snapshot	yes	yes	NA
	SMS, Airdrop, Facebook or Email Sharing	yes	yes	NA
Password Protection Screen Lock (Required Password When App Re-Launches)		NA	yes	yes
Digital Zoom		yes	yes	NA
Remember User ID		yes	yes	NA
Auto Log In		yes	yes	NA
Supported Devices	Blackjack® Blade™	Full Support for Solutions Running DW Spectrum® IPVMS		
	Blackjack® Bolt			
	Blackjack® Cube™ LX			
	Blackjack® Cube™			
	Blackjack® Cube™ DL			
	Blackjack® E-RACK™			
	Blackjack® S-RACK™			
	Blackjack® P-RACK™			
	Any Server Powered by DW Spectrum® IPVMS	Full Support via Direct Integration		
	VMAX® A1™			
	VMAX® IP Plus™			
	VMAX® AHD Core™			
	VMAX® 480™	Via DW Spectrum® Integration		
	VMAX® Flex™			
	VMAX® 960H™			
	VMAX® 960H Flex™			
	VMAX® 960H CORE™			
Technical	Compatibility	Compatible with iPhone, iPad, and iPod touch running iOS 8.0 or higher. This app is optimized for iPhone 6.		Compatible with Android devices running Android 5.0 or higher.
	Size	40.5MB		16MB
Cost		Free	30-Day Free Trial, \$1.99 Purchase	Free