



RoadRunner™ *Mobile*

Mobile App for Android® | Mobile Digital Video Systems

User Guide and Instruction Manual, Version 3.6.11



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DATA USAGE WARNING: This application may use a large amount of data. A Wi-Fi connection is recommended to minimize data charges. Please contact your carrier to verify usage and overages that may apply to your data plan. All data charges are the responsibility of the user.

1.0 Introduction

Apollo Video Technology's RoadRunner™ Mobile App provides remote live and pre-recorded video access to any networked RoadRunner™ or RoadRunner HD™ Recorder. Ideal for portable remote monitoring and maintenance of video camera systems on transit buses, trains, and light rail vehicles, RoadRunner Mobile is compatible with any TCP/IP (Wi-Fi or cellular) based network.

NOTE: The RoadRunner Mobile app requires the purchase and successful installation of Apollo Video Technology's Vehicle Information Management software.

The RoadRunner Mobile App is compatible for use with most Android™ devices running Google Android 2.3.3 or above. Please note that layouts, views and functionality may vary between various Android devices.

The RoadRunner Mobile App is available for download from the Google Play Store¹.

2.0 Installation

1. Select the Play Store application on the device (Figure 1).
2. Enter "RoadRunner Mobile" in the search field of the Play Store (Figure 2).
3. Install and then open the RoadRunner Mobile app (Figure 3).

Installation from the Play Store

Figure 1



Figure 2

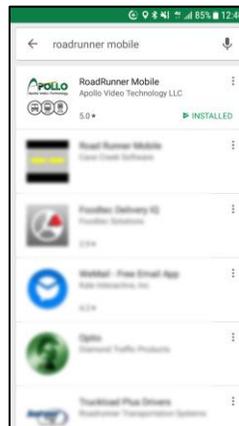


Figure 3



3.0 Site Management

3.1. Add Site

1. Select the Menu icon (☰) in the top-right corner (Figure 4).
2. Select "New Site".

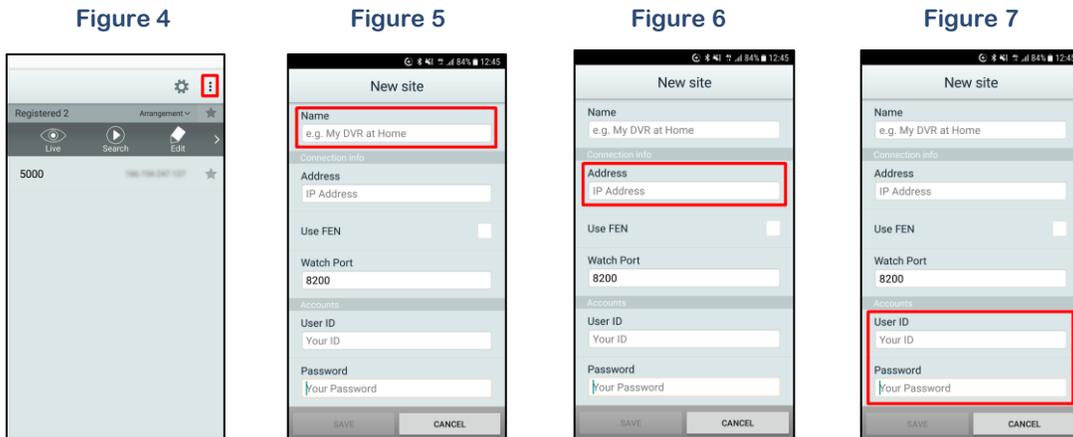
¹ Google Play Store is a service mark of Google Inc.

3. Enter a unique name for the Site in the “Name” field (Figure 5).
4. Enter the Connection Info:
 - Enter the IP address and the port numbers of the Recorder in the “Address” and “Watch Port” fields (Figure 6).

NOTE: The default port for Apollo RoadRunner Recorders is: 8200

 - Enter the User ID and Password used to log in o the Recorder within the “Accounts” fields (Figure 7).
5. Select “Save”

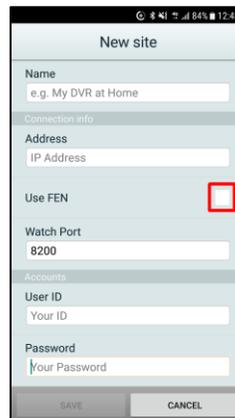
Adding a New Site



NOTE: If a FEN (For Easy Network) server has been established during set-up (refer to Section 6), use the respective push option and enter the FEN server details (Figure 8).

Configuring FEN Service

Figure 8



3.2. Delete Site

1. Select the Menu icon () (Figure 9).
2. Select “Delete Site” (Figure 10).
3. Select the desired sites that you wish to delete with their respective check boxes, then select “Delete” at the bottom of the screen (Figure 11).

Deleting a Site

Figure 9

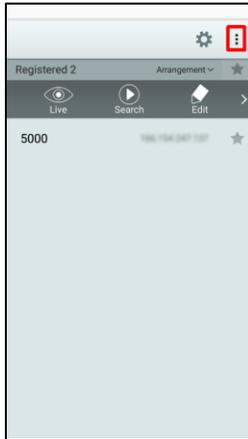
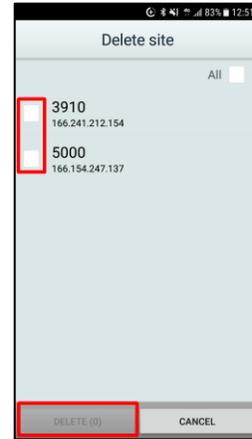


Figure 10



Figure 11



4.0 “Live” Viewing

Select the desired Site and then select Live in the start menu. Live video from the Recorder will display on the screen (Figures 12-14).

Access Remote Viewing / “Live”

Figure 12

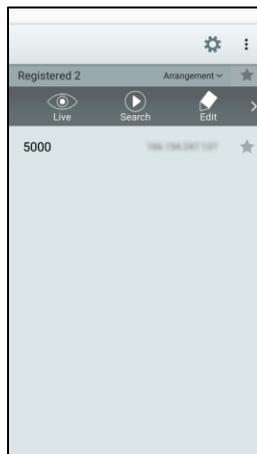


Figure 13

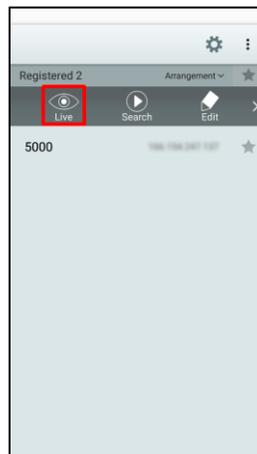


Figure 14



4.1. Live Operations

- a.  **Return/Back**: Releases the live video connection and returns to the site's start menu.
NOTE: The Back button is only displayed while in portrait mode.
- b. **Screen**: Tapping a camera screen displays video from the camera in single-screen layout. Swiping the screen left or right moves to the next camera or camera group layout.
NOTE: Show/hide the OSD (On Screen Display) by tapping the screen in single-screen camera view.
- c.  **(Layout)**: Changes the screen layout. Tapping the Layout button displays various layout options for viewing multiple cameras. The available layouts may vary depending on the mobile device that you are using (Figure 15).
NOTE: In landscape mode, tap and hold on the single-screen to bring up the layout list.
- d.  **(Camera)**: Displays a list of camera channels or groups of channels if in a current Layout view (in single-screen layout only). Selecting a channel displays video from the camera (Figure 16).
- e.  **(PTZ Mode)**: Enters PTZ (pan, tilt, zoom) mode and allows you to control the dewarping, pan and zoom features for 360° cameras (in single-screen layout only).
NOTE: PTZ mode is only available if a PTZ camera (such as a 360° camera) has been configured in the Recorder. A PTZ icon will be highlighted on the camera screen when the PTZ mode is available.
- f.  **(Audio)**: Enables or disables audio with the Recorder (in single-screen layout only). A "Push to Talk" button will appear for cameras enabled with two-way audio.
NOTE: In landscape mode, tap and hold on the single-screen to turn on Audio.
NOTE: The layout or camera channel cannot be changed while in two-way audio mode. Changing the camera channel will automatically disable the two-way audio mode.
NOTE: Apollo Recorders currently do not support two-way audio communication but may be provided in a later update.
- g.  **(Alarm Out)**: Enable/disable alarm outs and beeps on devices that support alarm out (Figure 17).
NOTE: The Alarm Out icon will only be highlighted if the Alarm Out functionality has been configured on the Recorder.
- h.  **(Received Data)**: Displays the data volume (portrait mode only).
- i.  **(Menu)**: From the title bar, select Menu for Search or Capture features (Figure 18).
 - **Search** – switches over to the Devices search screen.
 - **Capture** – captures the current frame as an image (single-screen layout only). The default storage location for saved images may vary across mobile devices.**NOTE: In landscape mode, tap and hold on the single-screen to bring up the search and capture feature.**

“Live” Viewing Features

Figure 15



Figure 16

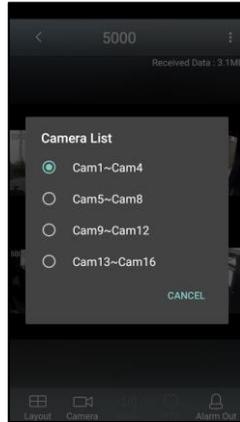


Figure 17

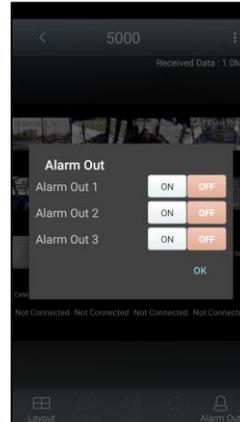


Figure 18



5.0 Playback / Search

Select the desired Site and select Search in the menu. Video recorded from the Recorder will display on the screen in single-camera view only (Figures 19-21).

Playback / “Search” Recorded Video

Figure 19

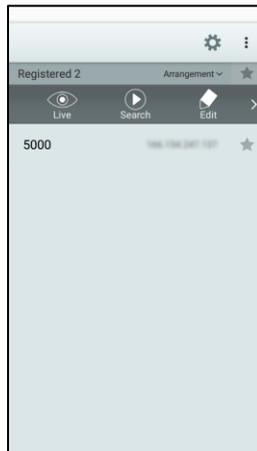


Figure 20

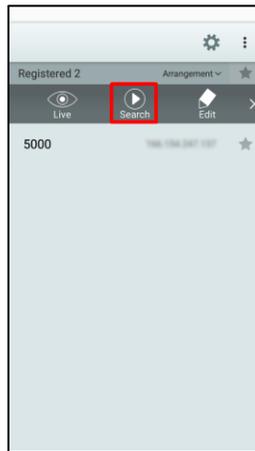
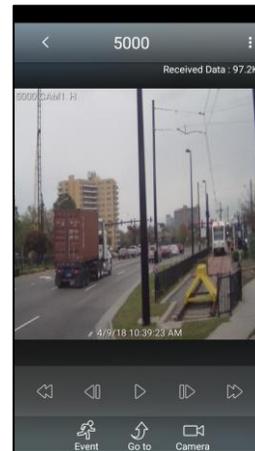


Figure 21



5.1. Search Options

- a.  **Return/Back**: Releases the Recorder connection and returns to the site's start menu.
NOTE: The Back button is only displayed while in portrait mode.
- b. **Screen**: Supports single-screen layout only.
NOTE: Tapping a camera screen shows/hides OSD (On Screen Display).
NOTE: In landscape mode, press and hold to select a different camera.
- c.  **(Play / Pause)**: Stop or play video recording shown in the current single-screen view.
NOTE: In landscape mode, tap the screen to hide playback icons.
- d.  **(Previous / Next)**: Go to the previous or next video frame or time.
- e.  **(Rewind / Fast-forward)**: Advance or reverse recorded video in high-speed.
- f.  **(Beginning/ End)**: Go to the first/last video of recorded data from the selected date.
NOTE: This functionality is only available in landscape mode.
- g.  **(Event)**: Search for recorded video that has been marked as an event. See Section 5.1.1 Event Search for additional information on Event Search.
NOTE: Only events that occurred while the SD Memory Card Recording feature is enabled can be searched.
- h.  **(Go To)**: Search video recorded by specific date and time.
- i.  **(Camera)**: Displays a list of camera channels (in single-screen layout only). Selecting a channel displays video from the camera.
- j.  **(Received Data)**: Displays the data volume (portrait mode only).

5.1.1. Event Search

Select the "Event" icon to search events. Specify event-search parameters within the Event Query list (Figures 22-24).

1. From/To: Define the search range by selecting First/Last to specifying a start/end date and time.
NOTE: Date/time of current screen is automatically displayed.
2. Select Cameras: Select the desired cameras. If all cameras are needed, select the "All" option.
3. Select Events: Select the desired event. If all events are needed, select the "All" option.
4. Query: Select Query () to display search results matching the specified parameters from the Event recording list. Selecting an event from the display list opens the event-detected recording. To view additional lists, select the Next button at the bottom of the screen for the next 100 events.

NOTE: Selecting Search from the title bar will take you back to the Event Query list.

Event Search

Figure 22

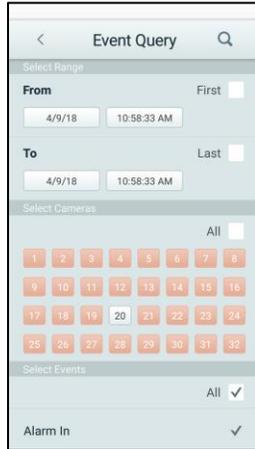


Figure 23

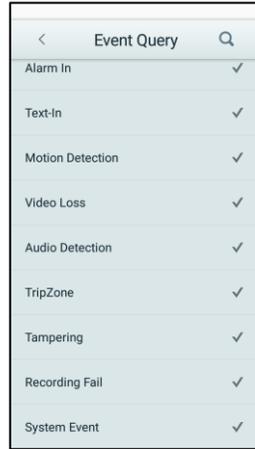
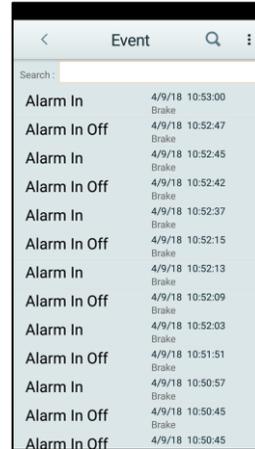


Figure 24



5.1.2. Calendar Search

Select the “Go To” icon to search video recorded from a specific date and time (Figures 25-26).

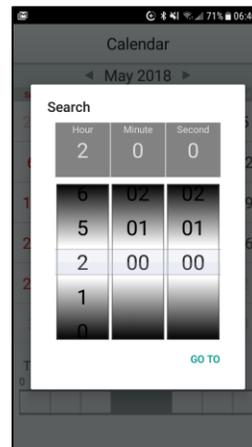
1. Dates displaying an underscore contain recording data. Select a date from the calendar to view the Time Lapse graph of the available recording represented in one-hour increments.
2. Select a time range from the bottom Time Lapse scroll and specify the exact minute/second.
3. Select the “Go To” button to display recorded video of the selected time.

Calendar Search

Figure 25



Figure 26



6.0 Set-Up

Select the Settings icon to make necessary changes to the RoadRunner Mobile app (Figures 27-28).

1. FEN Server: If the device is using a FEN server, enter the FEN server information.
NOTE: Default site: fed.dvrnames.net. Default Port number: 10088.
2. Network: Enable/disable cellular data use.
3. Bandwidth limit: for several sites with large amounts of data, enable/disable to limit the amount of bandwidth to optimize the performance of RoadRunner Mobile.
4. Passcode Lock: Enable/disable password protected access to RoadRunner Mobile.
5. Export Settings: Enter email site information.

Set-Up for the RoadRunner Mobile

Figure 27

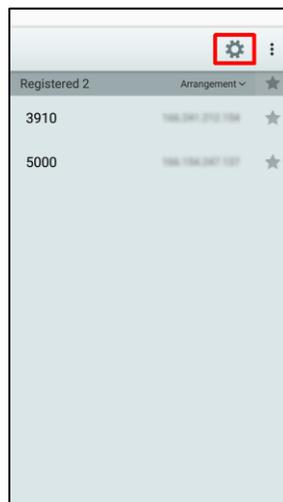
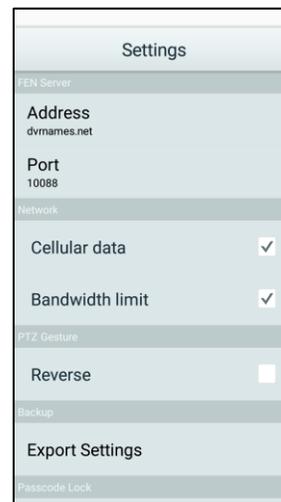


Figure 28



For assistance utilizing RoadRunner Mobile, please contact technical support toll free at: 888.288.8721 (425.483.7100) or email: tech@apollovideo.com