Honeywell

HRGX App for Apple iPad Devices

User Guide

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Introduction

Overview

Honeywell's HRGX HD mobile app for iPad lets you remotely monitor, search, and play back video, and control PTZ cameras, from an embedded HRGX DVR via a wireless network connection.

With this app installed on your iPad, you can log on to the front-end DVR or camera using WiFi or 3G. If no public IP address is available, the device can be accessed by using a dynamic domain name (host name) or by forwarding ports to the public IP of the router.

Note Carrier data rates may apply when using this software. Contact your carrier for information about data plan rates.

Mobile Device Requirements

The HRGX HD mobile app for iPad can be used with iPad 2, iPad (3rd gen), iPad mini, iPad (4th gen), and iPad Air. Your device must be running iOS 4.3 or higher.

The HRGX mobile app is also available for Apple iPhone and for Android devices. See the HRGX product page for details:

http://www.honeywellvideo.com/products/video-systems/recording-devices/analog/performance-series/757666.html

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Installing the App

Installing the App

To install the app:

1. Search for "HRGX HD" in the App Store.

2. Download and install the app on your mobile device.
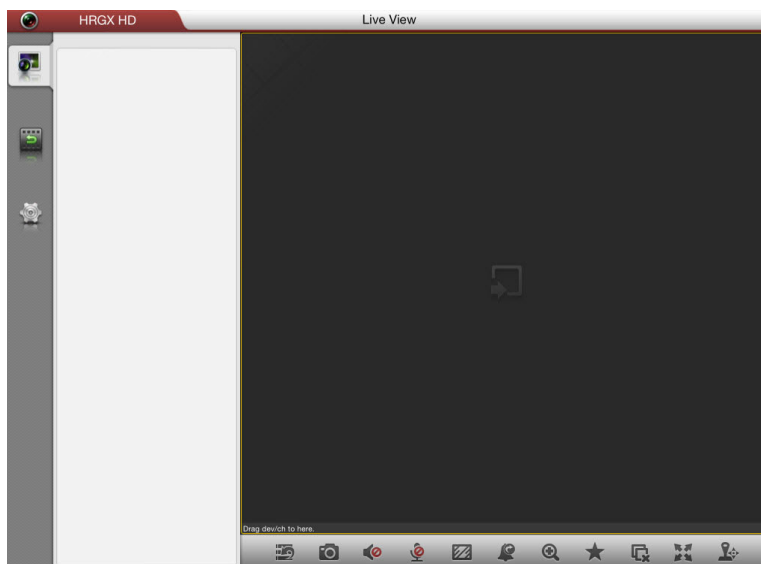
3. Tap the HRGX HD app icon to start the app.

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Running the App

Getting Started

To start the app

Tap the HRGX HD app icon .

The app interface is shown below:

The buttons on the left of the screen provide access to the following functions:

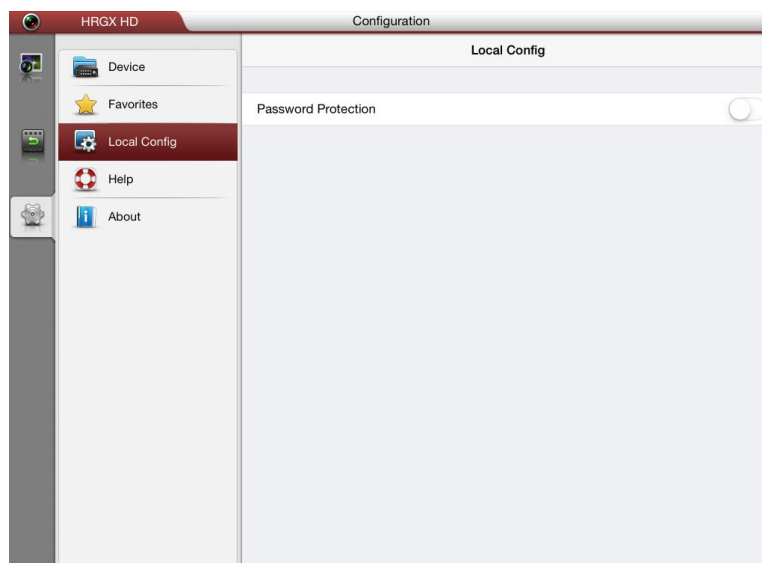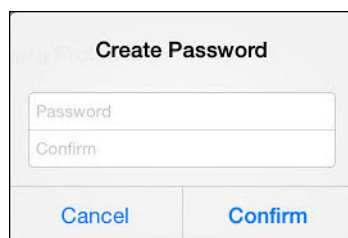|		
	Live View	For viewing live video, controlling PTZ cameras, and managing alarm outputs.
	Remote Playback	For playing back recorded video files.
	Configuration	For managing devices and favorites, setting up password protection, viewing Help, configuring software updates, and checking the software version.

Managing Passwords

You can set up password protection to prevent unauthorized persons from accessing the HRGX app on your device.

To enable password protection

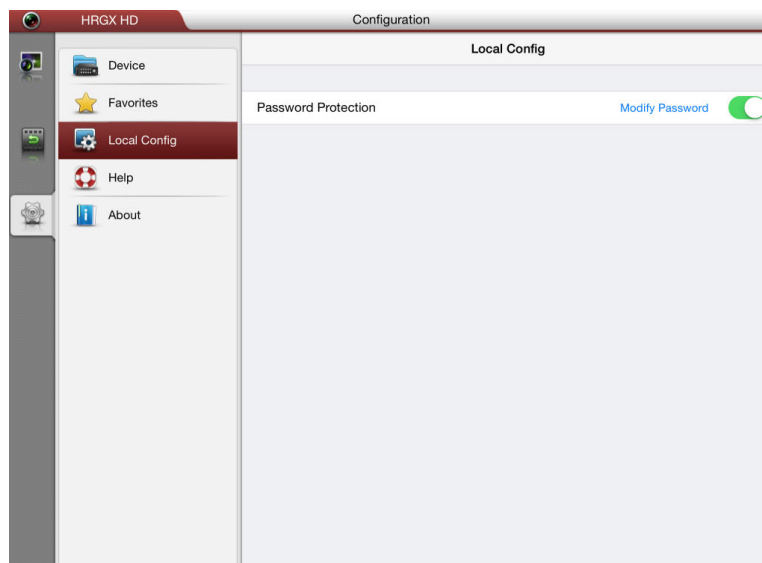1. Tap the **Configuration** button [icon], and then tap **Local Config** [icon].

2. Slide **Password Protection** to the on position.

3. In the **Create Password** dialog box, in the **Password** field, enter a password (1–10 alphanumeric characters, case-sensitive).
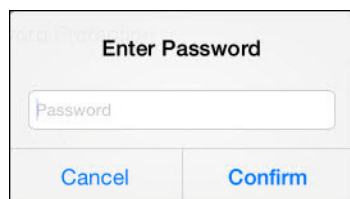

4. In the **Confirm** field, re-enter the password, and then tap **Confirm** to save the settings.
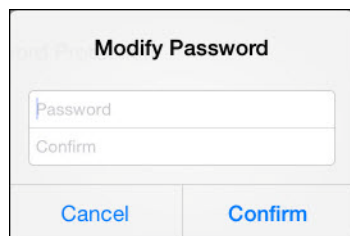
To change your password

1. Tap the **Configuration** button , and then tap **Local Config** .

2. In the **Enter Password** dialog box, enter the old password, and then tap **Confirm**.
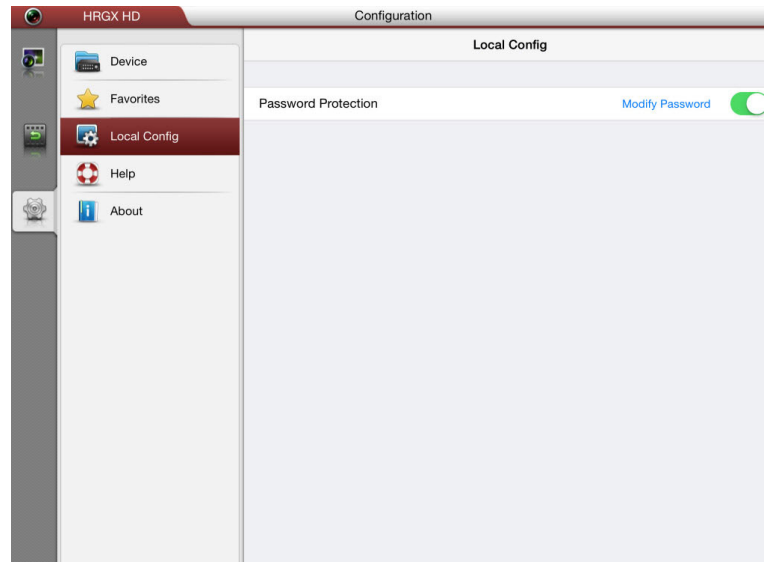

3. In the **Modify Password** dialog box, in the **Password** field, enter a new password (1–10 alphanumeric characters, case-sensitive).
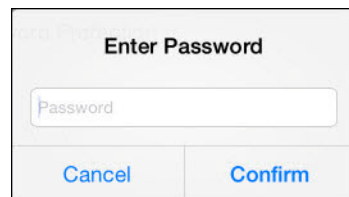

4. In the **Confirm** field, re-enter the password, and then tap **Confirm** to save the settings.

To disable password protection

1. Tap the **Configuration** button   , and then tap **Local Config**   .

2. Slide **Password Protection** to the off position.

3. In the **Enter Password** dialog box, enter the password, and then tap **Confirm**.

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Managing Devices

Adding a Device

To remotely view video from a DVR or network camera, or to remotely control a network PTZ camera, you must add a device.

To add a device

1. Tap the **Configuration** button [icon] , and then tap **Device** [icon] .

2. In the upper right corner of the screen, tap [+] to add a new device.

3. Under **Device Information**, in the **Alias** field, enter a name for the device.

4. Tap **Register Mode**, and then select **hrgDDNS**, **IP/Domain**, or **IP Server**.

5. Configure the following settings:

hrgDDNS	IP/Domain	IP Server
1. In the **Server Address** field, enter the hrgDDNS server address. 2. In the **Device Domain** field, enter the device domain name registered on the hrgDDNS server.	1. In the **Address** field, enter the IP address or domain address of the device. 2. In the **Port** field, enter the port number of the device. The default port number is **8000**.	1. In the **Server Address** field, enter the IP server address. 2. In the **Identifier** field, enter the device identifier (the device name or serial number).

6. In the **User Name** field, enter the device login user name. The default user name is **admin**.

7. In the **Password** field, enter the device login password. The default password is **12345**.
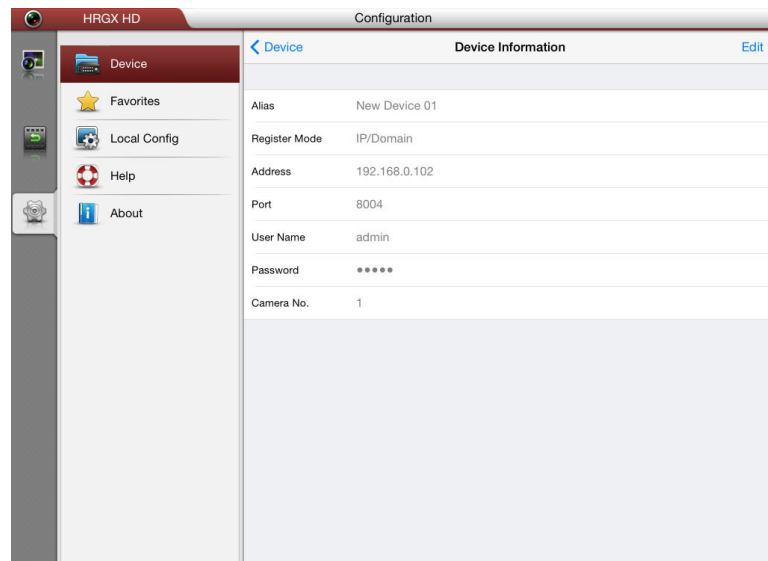
8. Tap **Save** to save the settings.

Editing a Device's Settings

To edit a device

1. Tap the **Configuration** button , and then tap **Device** .

2. Tap the device you want to edit to view its settings.

3. Tap **Edit**.

4. Modify the device settings as desired, and then tap **Save**.

Deleting a Device

To delete a device

1. Tap the **Configuration** button [icon], and then tap **Device** [icon].

2. Slide the device you want to delete from right to left to display the **Delete** button.

3. Tap **Delete**.

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Viewing Live Video

After the device is successfully added, you can view live video from the device, and, if supported, enable or disable the alarm outputs and control PTZ movement.

Starting Live View

To start viewing live video

1. Tap the **Live View** button to display the Live View interface.
2. In the devices panel, tap a device to display its cameras.
3. Drag the camera(s) you want to view to the **Live View** window. You can view up to 16 cameras at a time.

Note If channel-zero is supported by the device and has been configured, you can view it in the **Live View** window.

The Live View toolbar, located at the bottom of the screen, contains the following buttons:

Button	Description	Button	Description
	Hide device panel		Digital zoom
	Capture		Add to Favorites
	Audio control		Stop all live view
	Two-way audio control		Enter full-screen mode
	Image quality		PTZ control
	Alarm output control		

Stopping Live View

To stop viewing live video from all cameras

• On the Live View toolbar, tap the **Stop all live view** button .

To stop viewing live video from a specific camera

• Tap the channel you want to stop viewing to make it the active window, and then drag it to the top of the screen, and then drop it into the trashcan when trashcan icon changes from green to red .

Switching to Full-Screen Mode

To switch to full-screen mode

• On the Live View toolbar, tap the **Enter full-screen mode** button .

> **Note**   In full-screen mode you can drag the Live View toolbar to adjust its position on the screen.

Capturing Still Images

To save a still image to your mobile device

1. On the Live View toolbar, tap the **Capture** button . The message "HRG HD Would Like to Access Your Photos" appears.
2. Click **OK** to continue. The file is saved in the Photos (DCIM) folder.
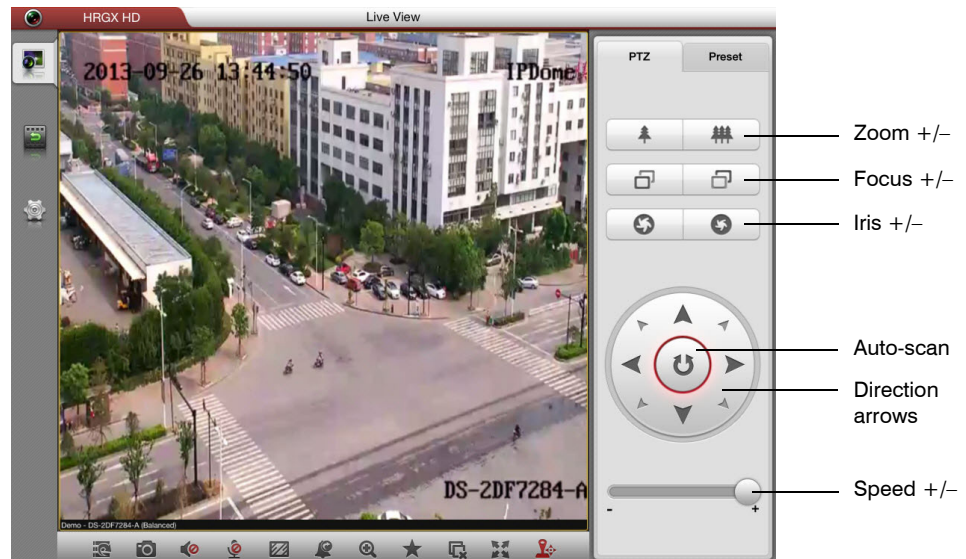
Controlling PTZ Cameras

In PTZ control mode, you can:

- move the camera left or right, up or down
- start/stop the auto-scan
- zoom in or out
- increase or decrease the focus
- increase or decrease the iris
- set presets
- call presets

To control a PTZ camera

- On the Live View toolbar, tap the **PTZ control** button. The icon changes to red and the PTZ controls are displayed at the right of the screen.

Use the PTZ controls to adjust the PTZ speed, pan/tilt movement, iris, focus, and zoom.
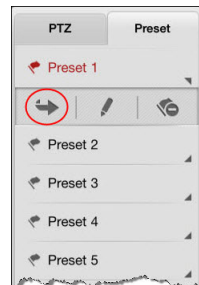
To set a preset

1. Move the camera to the position you want to set as a preset using the PTZ controls.
2. Tap the **Preset** tab.

3. Tap the preset you want to set, and then tap ✏ .

To call a preset

- On the **Preset** tab, tap the preset you want to call, and then tap ➡ .
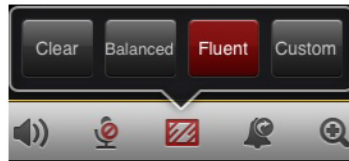

To delete a preset

- On the **Preset** tab, tap the preset you want to delete, and then tap 🗑 .

Setting Image Quality

To change a channel's image quality

- On the Live View toolbar, tap the **Image quality** button . The icon changes to red and four image quality setting options are displayed directly over the toolbar.

You can select one of the predefined settings (**Clear**, **Balanced**, or **Fluent**) or create your own custom setting.

Note Changing the image quality setting will change the recording file size.

To customize a channel's image quality

1. On the Live View toolbar, tap the **Image quality** button .
2. Tap **Custom.**
3. Configure the following parameters:
   - **Stream Type**: Select **Main Stream** or **Sub Stream**.
   - **Resolution**: Select **QCIF** (lowest quality), **CIF**, **2CIF**, **4CIF**, or **WD1** (highest quality).
   - **Frame Rate**: Select a value between **1**/**16** and **25**/**30** fps.
   - **Bitrate**: Select a value between **32K** and **3072K**.
4. Tap **Confirm** to save the settings.

Configuring Alarm Outputs

To enable alarm outputs

1. On the Live View toolbar, tap the **Alarm output control** button [icon] . The icon changes to red and the alarm output control panel is displayed directly over the toolbar.

2. On the alarm output control panel, tap the alarm output(s) you want to enable. The alarm output is enabled when the control changes from [icon] to [icon] .

To disable alarm outputs

• On the alarm output control panel, tap the alarm output(s) you want to disable. The alarm output is disabled when the control changes from [icon] to [icon] .

Configuring Digital Zoom

To enable digital zoom

1. On the Live View toolbar, tap the **Digital zoom** button [icon] . The icon changes to red and the selected channel expands to fill the screen.

2. Pinch your fingers together or spread them apart while touching the screen.

To disable digital zoom

• On the Live View toolbar, tap the **Digital zoom** button [icon] .

Adding a Camera or View to Favorites

You can designate specific cameras and camera views as "favorites" for quick access. These are listed under **My Cameras** and **My Views** in the devices list area during live view. You can manage your favorites in the **Favorites** interface.

To add a camera to Favorites

• Tap the channel you want to add to Favorites to make it the active window and then, on the Live View toolbar, tap the **Add to Favorites** button ⭐ , and then tap **My Cameras**. The selected camera is listed under **My Cameras** in the device list area.
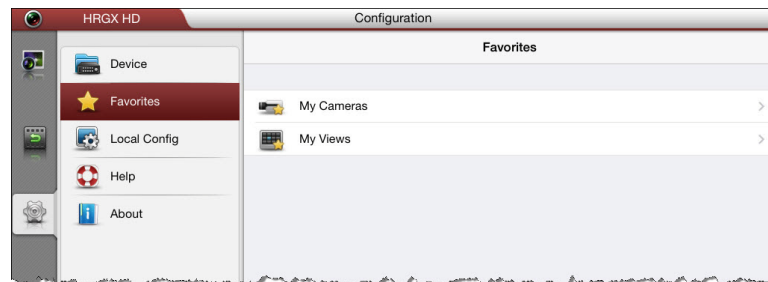
To add a view to Favorites

1. On the Live View toolbar, tap the **Add to Favorites** button ⭐ , and then tap **My Views**.

2. In the dialog box, enter a name for the view, and then tap **Save**. The newly created view is listed under **My Views** in the device list area.

Removing a Camera or View from Favorites

To remove a camera or view from Favorites

1. Tap the **Configuration** button 🔘 , and then tap **Favorites** ⭐ .

2. Do one of the following:

   • To remove a camera from the list of favorites, tap **My Cameras**, and then tap the **Favorite** icon ⭐ next to the camera you want to remove. The icon changes to ☆ .

   • To remove a view from the list of favorites, tap **My Views**, tap the view you want to remove, and then tap the trashcan icon 🗑 .
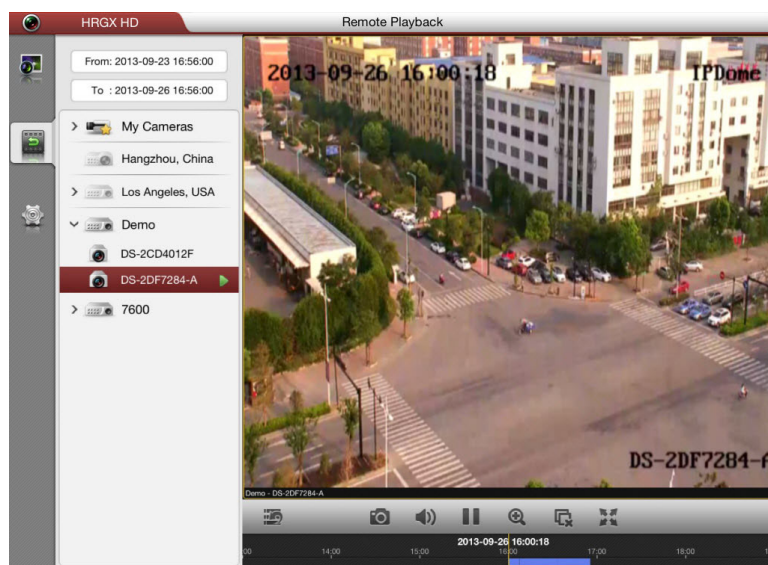
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Playing Back Recorded Video

You can remotely search for and play back recorded video from an added device.
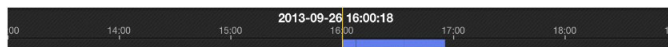
Starting Playback

To start playing back video

1. Tap the **Remote Playback** button to display the Remote Playback interface.

2. In the **From** and **End** fields, enter the playback start time and end time in *YYYY-MM-DD hh:mm:ss* format.

3. Drag the device or camera you want to play back video from to the main display window.

4. Swipe left or right on the timeline bar to adjust the playback position.

Remote Playback Toolbar

The Remote Playback toolbar, located at the bottom of the screen, contains the following buttons:

Button	Description	Button	Description
	Hide device panel		Digital zoom
	Capture		Stop all playback
	Audio control		Enter full-screen mode
	Pause playback		

Stopping Playback

To stop playback

- On the Remote Playback toolbar, tap the **Stop all playback** button .
- Alternatively, tap and hold the playback window, and then drag it to the top of the screen. Drop it into the trashcan when trashcan icon changes from to .

Switching to Full-Screen Mode

To switch to full-screen mode

- On the Remote Playback toolbar, tap the **Enter full-screen mode** button .

Note   In full-screen mode you can drag the Live View toolbar to adjust its position on the screen.

Capturing Still Images

To save a still image during playback

1. On the Remote Playback toolbar, tap the **Capture** button 📷 . The message "HRG HD Would Like to Access Your Photos" appears.

2. Click **OK** to continue. The file is saved in the Photos (DCIM) folder.

Configuring Digital Zoom

To enable digital zoom during playback

1. On the Remote Playback toolbar, tap the **Digital zoom** button 🔍 .

2. Pinch your fingers together, while touching the screen, to zoom in, or spread them apart to zoom out.

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