

Mobile Apps: Accessing your DVR Using a Mobile Device

You can remotely view camera streams from your DVR on compatible mobile phones and tablets.

NOTE: Port forwarding is required before you can connect to your DVR using a mobile device. Different features are available on each mobile viewing device and application.

Compatible Devices and Platforms

Platform	Supported Versions and Devices	App Name	Get App From
iOS	iOS v. 4.0 and higher iPhone/iPod Touch iPad (1st generation and above)	Lorex Mobile Eco	Apple App Store
Android	Android v. 1.5 and above	Lorex Mobile Eco	Google Play Store
BlackBerry	9000, 9700, 9800	Lorex Mobile Eco	www.lorextechnology.com
Symbian	3rd and 5th generation models	Lorex Mobile Eco	www.lorextechnology.com
Windows Mobile	v.6.0, 6.5, touch screen models only Note: Windows Phone 7 is not currently supported	Lorex Mobile Eco	www.lorextechnology.com

For the latest device compatibility list, visit www.lorextechnology.com


Before you Begin

You will need the following before you can start viewing on your mobile device:

- **Your DVR's DDNS address:**

Before you can connect with a mobile device, you must complete the setup process for remote viewing to obtain your DDNS address and enable DDNS on your DVR. Complete all the steps under "Setting up your DVR for Remote Connectivity" on page 47.

- **The Mobile Port Number of your DVR:**

The Mobile Port (default: **1025**) must be port forwarded before you can connect using a mobile device. To find your Mobile port, right-click, click the **Main Menu button** () , and then click **System**→**Info** and look under Mobile Port.

NOTE: For details on port forwarding, see the EasyConnect manual on the CD or the resources on www.lorextechnology.com.

- **The mobile user ID and password of your DVR:**

See the table on the right for the default mobile access user ID and password.

Mobile ID / Password

ID	PASSWORD
admin	0000

iPhone / iPad

Use the **Lorex Mobile Eco** application to connect to your DVR on the iPhone or iPad.

NOTE: Resolution is scaled up for the iPad screen.

System requirements

- iOS version 4.0 and above.

NOTE: For the latest device compatibility list, visit www.lorextechnology.com


Prerequisites

- An iTunes account (requires valid credit card number).

NOTE: Your credit card will not be billed when downloading the Lorex Mobile Eco App.

Step 1 of 3: Downloading the App

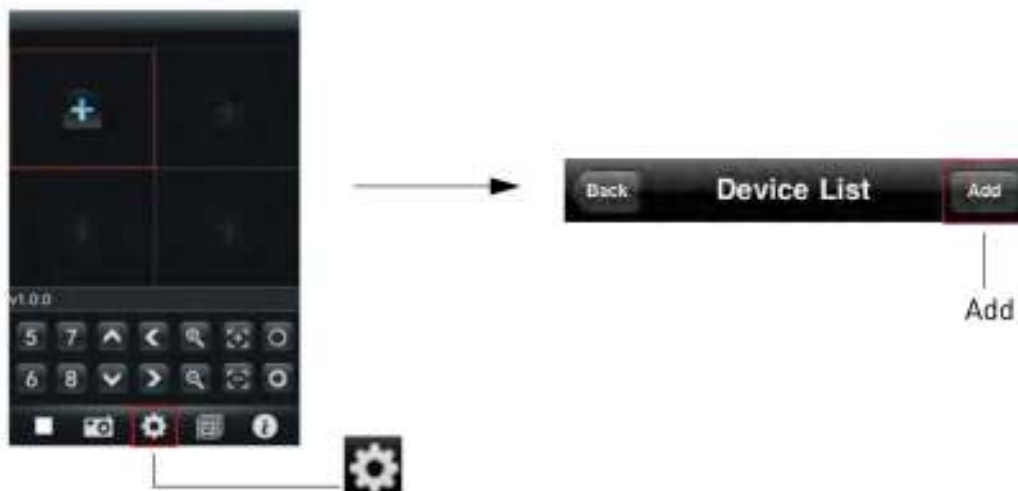
- 1 In the App Store, search for **Lorex Mobile Eco**.
- 2 Touch the **Free** button (iPhone) or **Install** button (iPad), and then touch **Install** to download the app.
 - Enter your App Store password if required.

- The App installs on your iPhone / iPad and the Lorex Mobile Eco icon () appears in your application list.

NOTE: For support on downloading or installing iPhone/iPad apps, consult your iPhone/iPad user's manual or www.apple.com for support.

Step 2 of 3: Configuring Lorex Mobile Eco

- 1 Touch the Lorex Mobile Eco icon ()
- 2 Touch  to open the Device List menu and then touch **Add**.

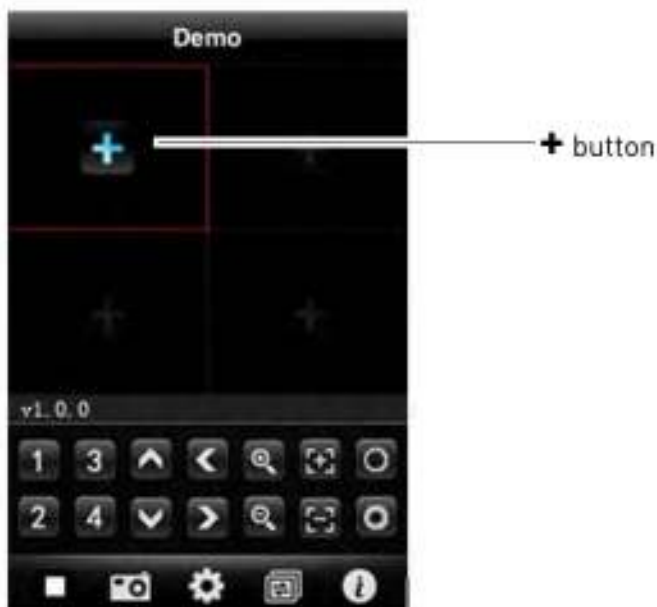


! You must port forward the mobile port (default: 1025) on your router before you can connect to your system using a mobile device (e.g. iPhone, iPad)

- 3 Enter the following:
 - **Device Name:** Enter the name of your system. This can be any name of your choice.
 - **Address:** Enter the DDNS address of the DVR (e.g. *tomsmith.lorexddns.net*¹).
 - **Port:** Enter the Mobile Port number of the DVR (by default, port **1025**).
 - **User ID:** Enter the mobile access user ID of the DVR (default: **admin**).
 - **Password:** Enter the DVR's mobile access password (default: **0000**).
 - **Max Channel:** Enter the number of channels of the DVR (4, 8 or 16).
- 4 Touch the **OK** button and then touch the **Back** button.

Step 3 of 3: Connecting to your DVR

- 1 In Quad View, touch the plus button (+).



- If a channel is already selected, touch ■ then touch + to select another channel.

- 2 Touch the name of your DVR. Select the channel that you want to display in the selected space.

1. Some routers may prevent you from connecting to your DVR using a DDNS address on a local network. If you are unable to connect, try disabling WiFi on your mobile device and attempt to connect using the 3G or mobile network. If you need to use WiFi, use the DVR's internal IP address to connect.

- The selected channel appears in the quad screen display.



Touch the name of your DVR.



Select the desired channel.



The channel appears in quad

TIP: Double-tap the channel to view video in full screen.

- 3 Repeat steps 1~2 as required for the remaining channels.

Deleting Accounts

- From the Device List, swipe your finger on  beside your device name. The Delete button appears. Touch the **Delete** button to remove the device.

Taking Snapshots

You can take a picture of the selected channel. The images save into your Photos directory.


To take snapshots:

- Touch the camera button ().



Camera button

Changing Channels

- Touch the  button repeatedly to display channel 1~4, 5~8, 9~12, 13~16.



Touch here to change quad view channels



Channel 5-8

Interface Overview

- 1 Add Device:** Touch to add a DVR channel.
- 2 Channel List:** Touch to view channel in full screen.
- 3 Pan & Tilt camera** [PTZ only].
- 4 Zoom in/out** [PTZ only].
- 5 Focus** [PTZ only].
- 6 Iris** (PTZ only).
- 7 Disconnect:** Disconnects channel.
- 8 Snapshot:** Takes an image of the channel.
- 9 Setup:** Touch to enter the setup menu.
- 10 Channel button:** Touch to change the quad channel numbers (Ch 1~4, 5~8, 9~16).
- 11 System info:** Display system information.



Android

Use the **Lorex Mobile Eco** application to connect to your DVR on an Android smartphone or tablet.

NOTE: The instructions below may differ depending on the model of your Android device.



System requirements

- Android v. 1.5 and above.

NOTE: For the latest device compatibility list, visit www.lorextechnology.com

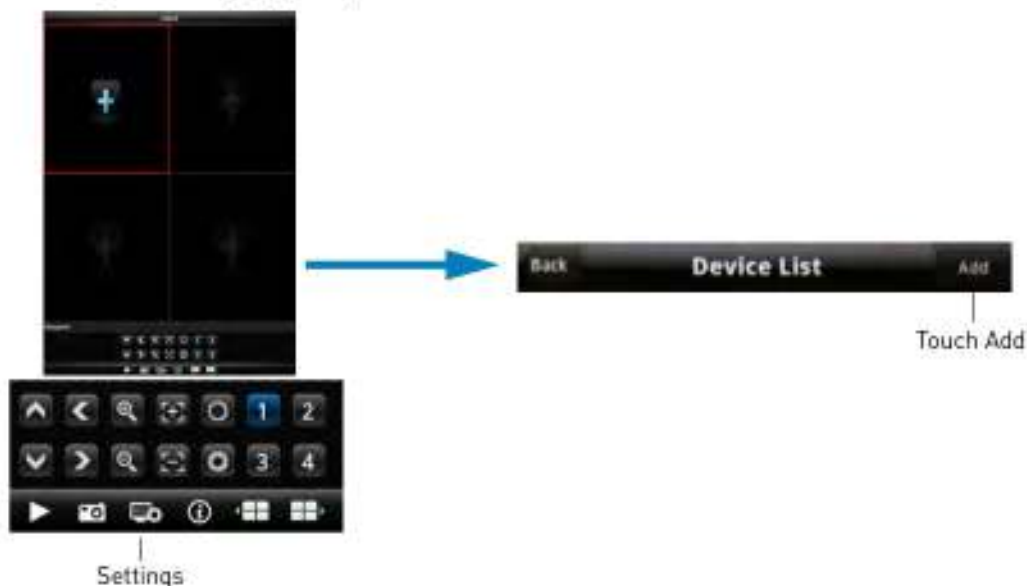
Step 1 of 2: Downloading the App

NOTE: For support on downloading or installing Android apps, consult your Android device's user's manual or the manufacturer's support site.

- 1 Touch the Google Play Store icon () in your Applications list.
- 2 Press the search button ().
- 3 Enter **Lorex Mobile Eco** and then press the search button again ().
- 4 Touch **Lorex Mobile Eco**. Then touch **Install** to download and install the app. Wait for the app to install.

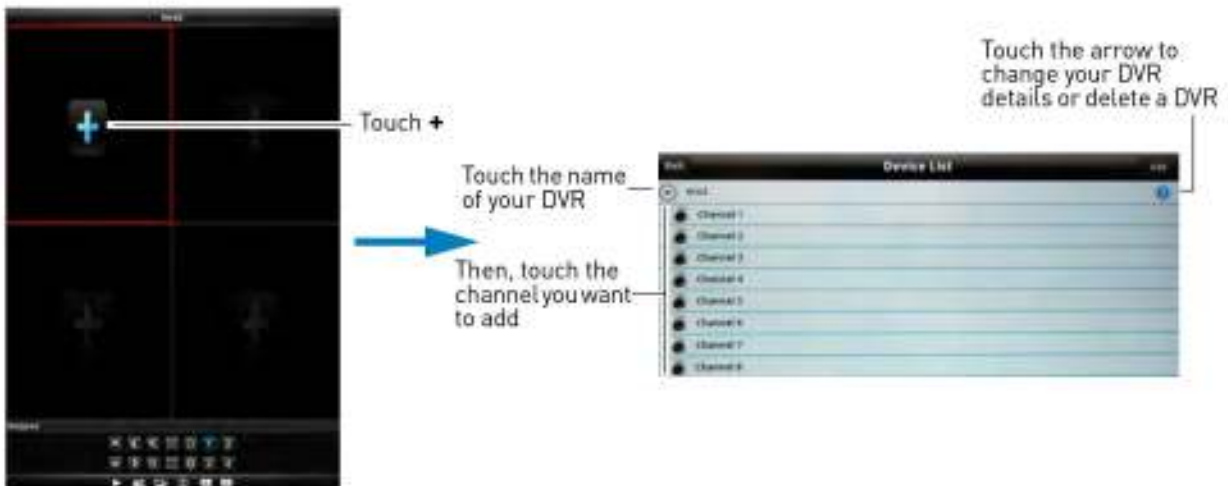
Step 2 of 2: Configuring and Connecting to Lorex Mobile Eco

- 1 Open the **Lorex Mobile Eco** () app from the applications list.
- 2 Touch the Settings button () to open the Device List and touch **Add**.



! You must port forward the mobile port (default: 1025) on your router before you can connect to your system using a mobile device (e.g. Samsung Galaxy S, HTC Incredible S)

- 3 Configure the following:
 - **DVR Title:** Enter a name for your DVR of your choice.
 - **Server:** Enter the DDNS address of the DVR (e.g. *tomsmith.lorexddns.net*¹).
 - **Port:** Enter the DVR's Mobile Port number (default: **1025**).
 - **User Name:** Enter the mobile access ID (default: **admin**).
 - **Password:** Enter the DVR password (by default: **0000**).
 - **Max Channel:** Enter the number of total channels your DVR can support (e.g. **4, 8, or 16**).
- 4 Touch **OK**. Touch the **Back** button.
- 5 In Quad View, touch **+**. Touch the name of your DVR and select the channel you would like to display in the space in Quad view.



Viewing Controls



1. Some routers may prevent you from connecting to your DVR using a DDNS address on a local network. If you are unable to connect, try disabling WiFi on your mobile device and attempt to connect using the 3G or mobile network. If you need to use WiFi, use the DVR's internal IP address to connect.

BlackBerry

Use the **Lorex Mobile Eco** application to connect to your DVR on a Blackberry smartphone.

Prerequisites:

- Blackberry 9000, 9700, 9800
- Blackberry Desktop Software
- Obtain your Blackberry's **APN** (Access Point Name) from your service provider, and enable APN on your Blackberry

NOTE: For the latest device compatibility list, visit www.lorextechnology.com

Step 1 of 2: Downloading and Installing the App

NOTE: For support on downloading or installing BlackBerry apps, consult your BlackBerry's user's manual or www.blackberry.com for support.

- 1 Go to www.lorextechnology.com, and search for the model number of your DVR (look at the label underneath the DVR for the model number).
- 2 Navigate to the product page for your model and download the appropriate app for the BlackBerry. Extract the contents of the .zip file to a folder.
- 3 Connect the Blackberry to your computer using a USB cable.
- 4 Open Blackberry Desktop Software.
- 5 Click **Applications**. Wait for the applications list to populate.



! You must port forward the mobile port (default: 1025) on your router before you can connect to your system using a mobile device (e.g. Blackberry 9000)


6 Click **Import Files**.



7 Locate the folder where you extracted the install files. Select the install file (ends in an **.alx** extension) and then click **Open** to install the file.

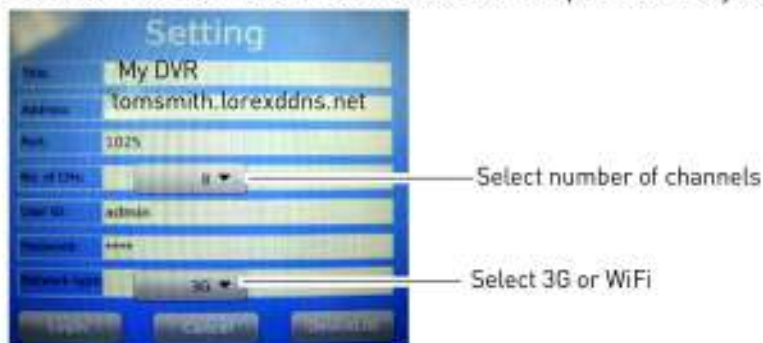
8 Click **Apply** to complete the installation.
Wait for the installation to complete.

Step 2 of 2: Configuring Lorex Mobile Eco

1 Locate the app in your BlackBerry and open **Lorex Mobile Eco** ()

2 In the Setting window, enter the following:

- **Title:** The name of your system. This can be any name of your choice.
- **Address:** Enter the DDNS address of the DVR (e.g. *tomsmith.lorexddns.net*)¹.
- **Port:** Enter the Mobile Port number of the DVR (by default, port **1025**).
- **No. of CHs:** Select the number of channels of your DVR.
- **User ID:** Enter the mobile access user ID of the DVR (by default: **admin**).
- **Password:** Enter the DVR's mobile access password (by default: **0000**).



3 Click the **Login** button to log in to the DVR.

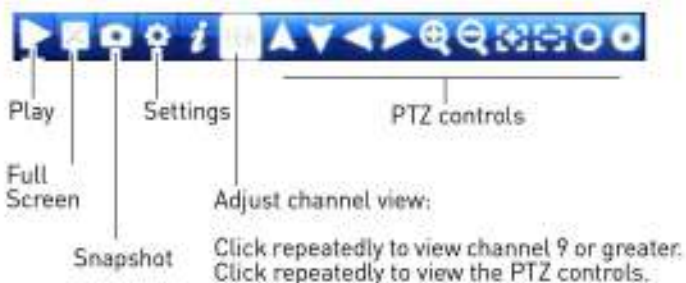
1. Some routers may prevent you from connecting to your DVR using a DDNS address on a local network. If you are unable to connect, try disabling WiFi on your mobile device and attempt to connect using the 3G or mobile network. If you need to use WiFi, use the DVR's internal IP address to connect.

Connecting to the DVR through the Device List

- 1 In the Device List, select and open the name of the account you created.



Controls



Enabling APN on Your Blackberry

In order for Mobile View to run, you must enable APN (Access Point Name) on your Blackberry. Contact your service provider for your Blackberry's APN name.

NOTE: The instructions below may differ based on the model of your Blackberry smartphone. For support related to enabling APN, please contact your smartphone service provider.

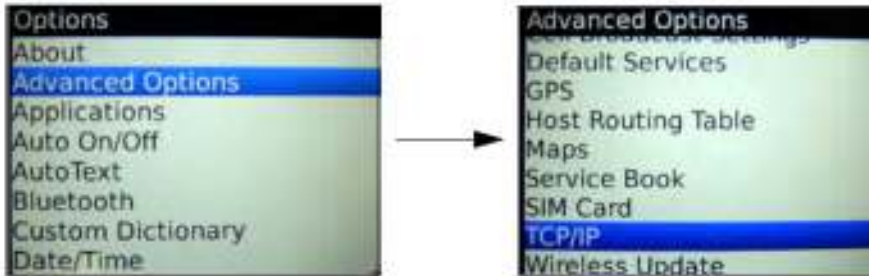
To enable APN:

- 1 Press the Menu button () and open the **Options** menu.



Opening the Options folder

- 2 Select **Advanced Options** → **TCP/IP**



Opening APN settings menu

- 3 Select the checkbox beside **APN Settings** to enable APN.

Example



Enabling APN settings

- 4 Beside APN, enter your APN. **You must obtain the APN from your local service provider.**
- 5 Exit to save your settings.

Windows Mobile

System requirements

- v. 6.0, 6.5 (touch screen models only)
- Windows Phone 7 is not currently supported

NOTE: For the latest device compatibility list, visit www.lorextechnology.com

NOTE:

Step 1 of 2: Downloading the App

- 1 Go to www.lorextechnology.com, and search for the model number of your DVR (look at the label underneath your DVR for the model number).
- 2 Navigate to the product page for your model and download the appropriate app for Windows Mobile devices.
- 3 Download and install the app on your Windows Mobile phone.
For support on downloading or installing Windows Mobile apps, consult your Windows Mobile's user's manual, or www.microsoft.com/windowsphone for support.

Step 2 of 2: Configuring and Connecting to Lorex Mobile Eco

- 1 Open the **Lorex Mobile Eco** () app on your phone.
- 2 Click the **Setting** button.



- 3 Configure the following:
 - **User Name:** Enter the mobile access user ID of the DVR (default: **admin**).
 - **Password:** Enter the mobile access password (by default: **0000**).
 - **IP:** Enter the DDNS address of the DVR (e.g. *tomsmith.lorexddns.net*)¹.

¹ Some routers may prevent you from connecting to your DVR using a DDNS address on a local network. If you are unable to connect, try disabling WiFi on your mobile device and attempt to connect using the 3G or mobile network. If you need to use WiFi, use the DVR's internal IP address to connect.

! You must port forward the mobile port (default: 1025) on your router before you can connect to your system using a mobile device (e.g. Windows Mobile Smartphone)

- **Port:** Enter the DVR's Mobile Port number (by default, port **1025**).



Auto Connect check box

- 4 Select the **Auto Connect** checkbox and then click **Ok**.
- 5 From the Server window, select the DVR account you created. Click **OK** to connect to the DVR.



Select the name of your DVR

Symbian OS

System requirements

- 3rd and 5th generation models

NOTE: For the latest device compatibility list, visit www.lorextechnology.com

Step 1 of 2: Downloading the App

- 1 Go to www.lorextechnology.com, and search for the model number of your DVR (look at the label underneath your DVR for the model number).
- 2 Navigate to the product page for your model and download the appropriate app for Symbian devices.
- 3 Download and install the app on your Symbian-based phone.
 - For support on downloading or installing Symbian OS apps, consult your Symbian device's user's manual or the manufacturer's support site.

! You must port forward the mobile port (default: 1025) on your router before you can connect to your system using a mobile device (e.g. Symbian Smartphone)

Step 2 of 2: Configuring and Connecting to Lorex Mobile Eco

1 Open the **Lorex Mobile Eco** () app on your phone.

2 Click the Settings button ().



3 Configure the following:

- **IP:** Enter the DDNS address of the DVR (i.e. *tomsmith.lorexddns.net*)¹.
- **Port:** Enter the DVR's Mobile Port number (by default, port **1025**).
- **User Name:** Enter the DVR's user name (by default: **admin**)
- **Password:** Enter the DVR password (by default: **0000**)
- **Alias:** Enter a DVR name of your choice

4 Save your settings. From the main viewing window, press the play button to connect to the DVR.

1. Some routers may prevent you from connecting to your DVR using a DDNS address on a local network. If you are unable to connect, try disabling WiFi on your mobile device and attempt to connect using the 3G or mobile network. If you need to use WiFi, use the DVR's internal IP address to connect.