**PACKAGE CONTENTS:**

- 1 x Digital Video Recorder with pre-installed HDD*
- 1 x Remote control
- 1 x USB mouse
- 1 x Power adapter
- 1 x Ethernet cable
- 1 x HDMI cable
- 1 x Audio/video output cable (8-channel only)
- 1 x Instruction manual
- 1 x Quick start guide
- 1 x CD

* May vary by model, including number of channels/port configuration and HDD/flash drive capacity. Check your package for specific content information.

**ATTENTION:**

- Content may vary by model, including number of channels/port configuration and HDD/flash drive capacity. Check your package for specific content information.

- Internet Explorer 64bit is not supported.

- TIP: If you are having difficulties connecting with Internet Explorer, please download one of the following:

  - Mozilla Firefox
  - Google Chrome
  - Safari

**NOTE:**

- Username: admin
- Password: admin

- If you are having difficulties connecting with Internet Explorer, please download one of the following:

  - Mozilla Firefox
  - Google Chrome
  - Safari

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  - Mozilla Firefox
  - Google Chrome
  - Safari

**Connecting HDMI Cameras (not included)**

1. Connect the HD-SDI camera to the KAMERA INPUTS ports on the rear panel of the DVR.

2. Pull and hold the BNC connector clockwise to securely fit it to the BNC port.

3. Ensure that the 5 & 6 switches on the rear panel are in the correct configuration for your monitor. You must power off your DVR before making changes using the switches. Changes will take effect when your DVR is powered back on.

**Connecting the Ethernet Cable**

4. Connect one end of the included Ethernet cable (or an available LAN port) of your router (not included) and the other end to the DVR’s ETHERNET port.

**Connecting a Monitor**

**RECOMMENDED**

5. Connect the HDMI cable to the DVR’s HDMI port, and the other end to the TV or monitor.

**OR**

6. Connect a VGA cable (not included) to the DVR’s VGA port, and the other end to the VGA monitor on the port.

**Connecting the USB Mouse**

7. Connect the USB mouse to one of the USB ports on the front panel of the DVR. **Saving**

8. Under Date & Time, double-click the sections of the date or time you would like to change. Click the up and down arrows to set the date and time.

9. Click SAVE.

10. Click Exit to return to Live Viewing Mode.

**Powering ON the DVR**

11. Connect the included power adapter to the power input port. Connect the other end of the power adapter to a wall socket or a surge protector.

12. Press the power button on the front panel to power on your system.

**Using the Main Menu**

1. From Live Viewing mode, right-click on the screen and click Setup. Select the Date & Time tab.

2. Double-click the sections of the date and time you would like to change. Click the up and down arrows to set the date and time.

3. Click SAVE.

**Using a Mouse (Recommended)**

2. 1. Left-button: Select a menu option. During in Screen-view, double-click on a channel to view in full-screen, double click the channel again to return to Split-screen view.

3. Right-button:

   - In Live Viewing mode, click to open the Main Menu.
   - In Playback mode, click to open the Playback sub menu.

4. Scroll-wheel

   - In Zoom mode, scroll up/down to adjust the zoom level.

**Other Control Options**

5. The DVR can also be controlled using the front panel buttons and an included remote control. Please refer to the instruction manual for more information on these methods.

6. **Logging into Lorex Web Client (LOCALLY)**

1. Launch Internet Explorer.

2. In the address bar, enter the IP address of your DVR (recorded in the step above).

3. You must install the Activation plug for DVR Navigator to function. Click the attention bar and select Install ActivX Control.

4. Enter your administered password, then click OK.

5. Upon login, the Web Client main screen appears in your browser.

**Set-up of Instant Mobile Viewing**

1. Connect the included power adapter to the DC OUT port.

2. Connect the other end of the included power adapter to a wall socket or a surge protector.

3. Press the power button on the front panel to power on the DVR.

4. Power ON the DVR.

5. Connect the included power adapter to the power input port. Connect the other end of the power adapter to a wall socket or a surge protector.

6. Press the power button on the front panel to power on your system.

**Using the Main Menu**

1. From Live Viewing mode, right-click on the screen and press the MENU button on the front panel or remote control to open the Main Menu.

2. **Using a Mouse (Recommended)**

   1. Left-button: Select a menu option. During in Screen-view, double-click on a channel to view in full-screen, double click the channel again to return to Split-screen view.

   2. Right-button:

      - In Live Viewing mode, click to open the Main Menu.
      - In Playback mode, click to open the Playback sub menu.

   3. Scroll-wheel

      - In Zoom mode, scroll up/down to adjust the zoom level.

**User Settings**

You have completed STEPS 1 & 2 successfully. Your DVR is now ready to use. Refer to the instruction manual to learn how to record, playback, search and for all other features available with this DVR.

**Congratulations!**

You can now view & playback video on your web site.
1. Auto Port Forward Wizard

NOTE: You must be on the same network as the DVR when setting up the DDNS.

The Lorex Auto Port Forwarding Wizard is a software that automates router port forwarding.

You must have the following before you configure the software:
1. Your router’s model and version number.
2. Your router’s user name and password.
3. Your Lorex device’s IP address (recorded in Step 3-1).
4. Your Lorex device’s port numbers that require port forwarding.

Installation:
1. Insert the system’s software CD, and follow the instructions to install and launch the Lorex Auto Port Forwarding Wizard.
2. Click the Next button after the number of connected routers.

The Lorex Auto Port Forwarding Wizard is a software that setting up the DDNS.

You must be on the same network as the DVR when connecting to the system.

NOTE:
6. Click Next to continue.

4. Under Router IP.

3. Under, enter the router’s Password.

2. Under Router IP.

1. Your router’s.

A window opens that prompts you to enter your DVR’s user name and password (by default your login is “admin” and your password is left blank).

NOTE: A window opens that prompts you to enter your DVR’s user name and password (by default your login is “admin” and your password is left blank).

Optional: Manual Port Forward

If you were unable to port-forward your router automatically using the wizard, you will need to manually forward ports 80 and 3000 to your DVR’s IP address.

All routers are different. To port-forward your router, please refer to your router’s user manual.

Your router’s.

Under, enter the router’s Password.

Under, enter the user name.

And, enter the password.

Under, enter the IP address of your Lorex device recorded in Step 3-1.

Under, enter the port number(s) that require forwarding (80, 3000).

6. Click Next to continue.

3. Update the Router Settings

1. Click the Update Router button. The program begins updating the router settings. This may take 20-30 seconds.

2. Close the update window when the update finishes.

NOTE: You may have to manually save your router settings after software makes the required changes to your router.

4. Test your Connection

1. Click the Test Your Connection button. Your system’s default browser opens and connects to your Lorex device.

NOTE: Ensure that Internet Explorer is your system’s default internet browser.

Optional: Manual Port Forward

If you were unable to port-forward your router automatically using the wizard, you will need to manually forward ports 80 and 3000 to your DVR’s IP address.

All routers are different. To port-forward your router, please refer to your router’s user manual.

A example of a port forwarding screen is shown for illustration purposes.

EXEMPLE

<table>
<thead>
<tr>
<th>Service</th>
<th>Port</th>
<th>Protocol</th>
<th>IP Address</th>
<th>Enable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web 80</td>
<td>80</td>
<td>TCP</td>
<td>192.168.1.2</td>
<td>1</td>
</tr>
<tr>
<td>Client 1300</td>
<td>1300</td>
<td>TCP</td>
<td>192.168.1.3</td>
<td>1</td>
</tr>
</tbody>
</table>

5. Click Set Up a New DDNS.

6. Fill out the My DDNS form.

4. Under, select the product warranty you created in the previous steps.

5. Fill out the DDNS Information.

6. Enter your name for your device.

7. Enter your name, business name, or anything of your choice.

8. Enter the MAC address of your Lorex system recorded in Step 3-1.

9. Enter the IP address that will be used to connect to your Lorex system.

NOTE: URL Request should not be more than 15 characters.

7. Click Save to register your product for DDNS. A DDNS registration confirmation email will be sent to the email address used to register for My Lorex.

Creating Account

1. Click Step 1

2. Enter your Lorex account or sign in using an existing account.

Complete New Account Information

NOTE: Warranty Registration is required for DDNS.

1. Click Warranties

2. Click Activate Warranty

3. Under, select an address or click Enter a New Address to create a new address. Fill in your address information and click Create Address.

4. Fill in the warranty registration form with your product and purchase details and click Save Warranty.

5. Under the sticker underneath the DVR’s product model number and Serial Number.

6. Fill out the My DDNS form.

7. Select your product warranty you created in the previous steps.

8. Enter your name for your device.

9. Enter your name, business name, or anything of your choice.

10. Enter the MAC address of your Lorex system recorded in Step 3-1.

11. Enter the IP address that will be used to connect to your Lorex system.

NOTE: URL Request should not be more than 15 characters.

12. Click Save to register your product for DDNS. A DDNS registration confirmation email will be sent to the email address used to register for My Lorex.

Registration E-mail

An automated REGISTRATION CONFIRMATION E-MAIL will be sent to your email. Print and save this confirmation.

You will need to enter it into your system to enable remote access. Domain Name/URL Request: tomsmith DDNS User Name: tomsmith Device DDNS Password (your password).

Enable DDNS on the DVR

1. Right-click on the Live Viewing tab and select Setup.

2. Click Network and select the DDNS tab.

3. Under DDNS enable, set to LorexDDNS.

4. Enter the DDNS information into the DVR.

5. The DVR will open the DDNS setup menu.

6. Enter the following into the Main Setup menu:
   - Domain Name: Enter the Domain Name/URL Request that was emailed to you after DDNS registration.
   - User Name: Enter your DDNS Device Password that was emailed to you after DDNS registration.
   - Password: Click Save to exit to Live Viewing.

DDNS Setup

Enter the following into the Main Setup menu:
- Domain Name: Enter the Domain Name/URL Request that was emailed to you after DDNS registration.
- User Name: Enter your DDNS Device Password that was emailed to you after DDNS registration.
- Password: Click Save to exit to Live Viewing.

An example of a DDNS address: http://tomsmith.lorexddns.net:80

For a full explanation of all the Web Client buttons and features, please refer to the instruction manual.

Congratulations! You have completed Step 4 successfully.

You can now connect over the internet to view and playback video.

Installing ActiveX Plug-ins

When connecting to your system the first time, you will be asked to install an ActiveX plug-in for Internet Explorer.

To install ActiveX plug-ins on Internet Explorer:
1. Log in to your system using Internet Explorer.
2. Click the ActiveX banner and then click Run Add-on.
3. Select Lorex DDNS Domain Name: Enter Domain Name/ URL Request:
   - User Name: Enter your DDNS User Name that was emailed to you after DDNS registration.
   - Password: Click Save to exit to Live Viewing.

NOTE: When using with a compatible smartphone, phone, tablet, or laptop, refer to the instruction manual. Make sure to complete the steps above prior to installing or using any software.

Lorex Web Client software from www.lorextechnology.com/support is available for download. Make sure to register your product before contacting support at www.lorextechnology.com/support.