

This guide will show you how to set up your new Lorex system for connection over the Internet using a PC, Mac, Smartphone, or Tablet.



Before You Start:

- Make sure you have:
- A router and high-speed Internet access (not included).
 - Connected your DVR to your router using an Ethernet cable. (See the Quick Connection Guide for details).
 - A PC or Mac connected to the same router as your DVR.
- Except where noted, the instructions are the same for PC and Mac users.**

1 Find Your IP and MAC Address

Right-click and click the Main Menu button (⬆️), then **System>Info**.



Record your information below:

IP ADDRESS: _____

MAC ADDRESS: _____

2 Local Connection

PC

- Install **Lorex Client Software for PC** from the CD or from www.lorextechnology.com.
- Double-click on the **Lorex Client 11** icon on your desktop.
- Enter the following information:
IP Address: Enter the **IP Address** of your DVR.
User Name: The default user name is **admin**.
Password: By default, the password is **left blank**.
Client Port: By default, this is **9000**.

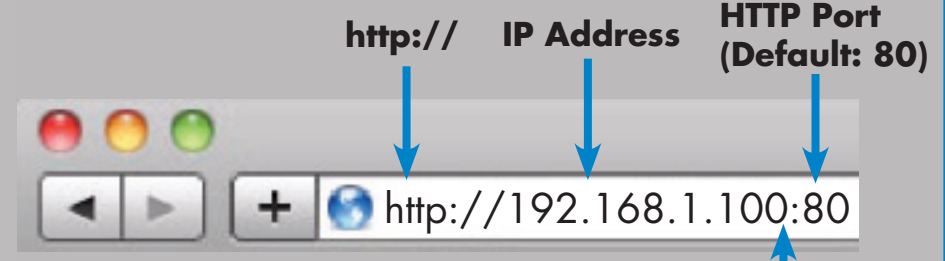


- Click **Login** to access your DVR. Lorex Client 11 connects to your DVR and streams live video from your cameras.

Congratulations! You can now view & playback video on your system via LAN. Continue the setup to enable Internet remote access.

Mac

- Open Safari.
- Enter the **IP Address** of your DVR into the address bar as shown.
- Click **Download** to download the plug-in for Safari.
- Click the Downloads button. Right-click **SurveillanceClient.dmg** and click **Open**.
- Double-click **SurveillanceClient** to install.
- After installation, right-click the Safari icon in the dock and select **Quit** and then restart Safari.
- Re-enter the IP Address of your DVR, the same way as in Step b. Enter the DVR User Name and Password and click **Login**. By default, the User Name is **admin** and the Password is **left blank**.



3 Port Forwarding Easy Connect Wizard (PC Only)

- You must have the following before using the software:
1. Your router's **model** and **version** numbers
 2. Your router's **user name** and **password**
 3. Your Lorex device's **IP address (recorded in Step 1)**

- Install the **Lorex Easy Connect Wizard** software from the CD or from www.lorextechnology.com and double-click the Desktop icon to open.



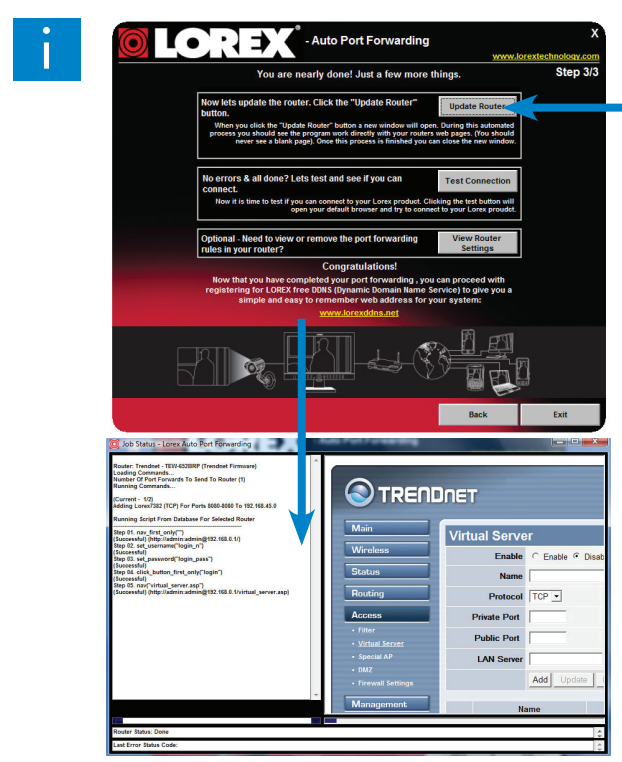
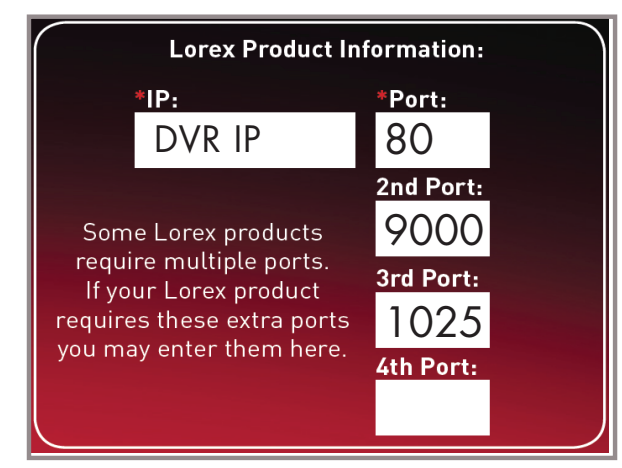
- The Easy Connect Wizard automatically detects routers on your network. Click the **Next** button.
NOTE: If more than one router is detected, additional setup steps may be required. See the Easy Connect Manual on CD for details.

- Under the Router drop-down list, select the model of your router **OR** click the **Search** button to enter the name of your router model.

Linksys or Netgear Routers: Click **Try to Auto Detect** (works with most models).

- Under **Router IP**, click the **Detect Router IP** button. The router's IP address is filled in.

- Under **Username** and **Password**, enter the router's username and password.
- Under **IP**, enter the IP address of your Lorex device recorded in step 1.
- Under **Port**, enter the system port number(s). By default: **80, 9000, and 1025**.
- Click **Next** to continue.



Click **Update Router**. The program updates the router settings. This may take around 30 seconds.

You may need to manually save the router settings after the program makes the required changes.

Close the update window once the update is finished.

OR

Manual Port Forwarding

Manually forward ports 80, 9000 and 1025 to your DVR's IP address.
 All routers are different. To port forward your router, please refer to your router's user manual.

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

EXAMPLE		Port Range				
Application	Start	End	Protocol	IP Address	Enable	
HTTP	80	to 80	Both	192.168.1.12	<input checked="" type="checkbox"/>	
Client	9000	to 9000	Both	192.168.1.12	<input checked="" type="checkbox"/>	
Mobile	1025	to 1025	Both	192.168.1.12	<input checked="" type="checkbox"/>	

4 Register for Lorex DDNS

a Open your web browser and go to: <http://www.lorexddns.net>

b Click **Step 1** and create a new My Lorex account or sign in with an existing account.



c Click **Warranties** and click **Activate Warranties**. Fill in the registration form and click **Save Warranty**. Check the sticker under your DVR for the Product Model Number and Serial Number.

d Click **Set Up a New DDNS**

f Fill out the **My DDNS** form:

Product Warranty: Select the product warranty you created in the previous steps.

Device Name: Enter a name for your device of your choice.

MAC Address: Enter the MAC address of your Lorex system recorded in Step 1.

URL Request: Enter the web site address that will be used to connect to your Lorex system. (e.g. tomsmith)

Click **Save** to register your product for DDNS.

g 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.

Record your information here:
 Domain Name/URL Request: _____
 DDNS User Name: _____
 DDNS Device Password: _____

5 Enable DDNS on your DVR

a Click on **Main Menu** from the menu bar, then click **Network** .

b Click the **DDNS** tab.

c Select **Enable** in the **DDNS** drop-down menu.

d Enter the following into the **DDNS Setup** menu (as recorded in step 4g):

Select **Enable**

Domain Name: Enter Domain Name/URL Request

User Name: Enter DDNS User Name

Password: Enter DDNS Device Password

Click **Apply** to save your settings.

Please allow 10~15 minutes for the DDNS servers to update with your new DDNS address before proceeding to Step 6.

Quick Reference

Default passwords:

	User Name	Password
Local System Access	• admin	• 000000
Remote Connection (PC & Mac)	• admin	• left blank
Mobile Connection (Smartphone & Tablet)	• admin	• 0000

Default system ports:

- HTTP Port: 80
- Client Port: 9000
- Mobile Port: 1025

All ports must be port forwarded to enable access to the system over the Internet. See Step 3 for details.

Troubleshooting

Error	Possible Causes	Solutions
Cannot connect to the DVR over the Internet	<ul style="list-style-type: none"> • Ports not forwarded • DDNS Setup not completed • Ports are blocked by Internet Service Provider (ISP) • Multiple routers installed in local network 	<ul style="list-style-type: none"> • Port forward the ports shown above. See Step 3 for details. • Complete Steps 4 & 5 to register your DVR for DDNS. • Some ISP's block port 80. Reassign the HTTP port to anything above 1026. Re-complete Step 3 with the new port number. If this does not work, contact your ISP for assistance. • If you have multiple routers, additional setup may be required. See the Easy Connect Manual on the CD for details.
Could connect to system previously, but no longer can	<ul style="list-style-type: none"> • DVR internal IP address has changed 	<ul style="list-style-type: none"> • This can occur if your router resets due to power failure. Set up a fixed IP address for your DVR. See the Instruction Manual on the CD for details.
Cannot connect to the DVR using a smartphone or tablet	<ul style="list-style-type: none"> • IP address used from outside local network • Router is blocking DDNS connection from internal network 	<ul style="list-style-type: none"> • Use the DDNS address to connect to the DVR using a mobile application. See Step 7. • Turn off WiFi connection and attempt to connect using 3G or mobile network

6 Connect Over the Internet

PC

a Install and run the **Lorex Client 11** software. See Step 2 for details.

b Enter the following information:
IP Address: Enter the **URL Request** followed by **.lorexddns.net**. For example, if your URL Request is **tomsmith**, enter **tomsmith.lorexddns.net**
User Name: The default user name is **admin**.
Password: By default, the password is **left blank**.
Client Port: By default, this is **9000**.

c Click **Login** to access your DVR. Lorex Client 11 connects to your DVR and streams live video from your cameras.

Mac

a Open Safari and enter the DVR's DDNS address into the address bar as shown below.

http:// URL Request HTTP Port (Default: 80)
 http://tomsmith.lorexddns.net:80
 .lorexddns.net Colon

If you have not done so, install the plug-in (see Step 2) and then re-enter the DDNS address after restarting Safari.

b Enter the DVR User Name and Password and click **Login**.

By default, the User Name is **admin** and the password is **left blank**.

Congratulations! You can now connect over the Internet to view and playback video. See Step 7 to connect to your DVR on your mobile phone or tablet.

7 Mobile Connection

iPhone / iPad

a Download the free **Lorex Mobile ECO** app from the App Store.

b Tap the **Lorex Mobile ECO** icon.

c Touch to open the Device List menu and touch **Add**.

d Enter the following:

Device Name: Give your system a name of your choice
Address: Enter the **URL Request**, followed by **.lorexddns.net** (e.g. **tomsmith.lorexddns.net**)
Port: Enter the Mobile Port number of the DVR (by default, port **1025**)
User ID: Enter the DVR's user name (default: **admin**).
Password: Enter the DVR's mobile access password (default: **0000**)
Max Channel: Enter the DVR's number of channels (**4, 8, or 16**).

e Touch **OK** then **Back**.

f Touch **+**
 Touch the name of your DVR and select the channel you would like to display in the selected space. Repeat to view additional channels.

Congratulations! You can now view video from your cameras on your smartphone or tablet.

NOTE: You must complete ALL previous steps before connecting using a mobile device. See the Instruction Manual on the CD for other mobile platforms.

Android

a Download the free **Lorex Mobile ECO** app from the Google Play Store.

b Tap the **Lorex Mobile ECO** icon.

c Touch to open the Device List menu and touch **Add**.

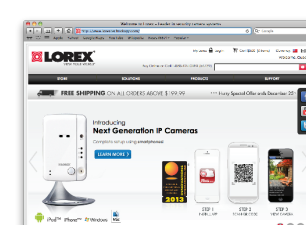
d Enter the following:

DVR Title: Give your system a name of your choice
Server: Enter the **URL Request**, followed by **.lorexddns.net** (e.g. **tomsmith.lorexddns.net**)
Port: Enter the Mobile Port number of the DVR (by default, port **1025**)
User ID: Enter the DVR's user name (default: **admin**).
Password: Enter the DVR's mobile access password (default: **0000**)
Max Channel: Enter the DVR's number of channels (**4, 8, or 16**).

e Touch **OK** then **Back**.

f Touch **+**
 Touch the name of your DVR and select the channel you would like to display in the selected space. Repeat to view additional channels.

Need Help?
 See the complete Instruction Manual on the CD.
 OR
 Visit www.lorextechnology.com/support



It's all on the Web

www.lorextechnology.com



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