



LH400 Series Loxex Link DVR QUICK SETUP GUIDE



PACKAGE CONTENTS:

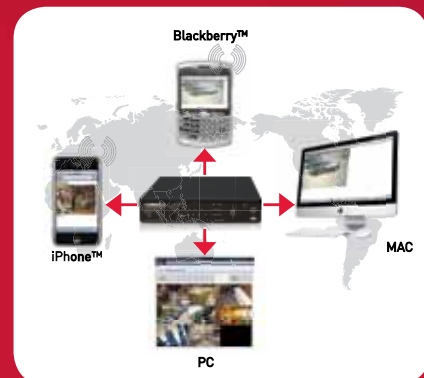
- 1 x DIGITAL VIDEO RECORDER WITH PRE-INSTALLED HDD*
- 1 x USER MANUAL
- 1 x QUICK START GUIDE
- 1 x REMOTE CONTROL
- 1 x SOFTWARE CD
- 1 x ETHERNET CABLE
- 1 x OCTOPUS CABLE (included only with LH416 series 16 Channel Link DVRs)

ATTENTION:

- * Number of Channels/ Port configuration and HDD (hard disk drive) capacity may vary by model. Check your package for specific content information.
- Monitor and Cameras are not included.
- Broadband Router and Computer are required for local and remote monitoring (not included).



* For setup of Instant Mobile Viewing and MAC Compatibility refer to your User Manual.



It's all on the Web
www.lorexctv.com

For detailed setup information, please refer to your included User's Manual. For additional information, please visit our website
www.lorexctv.com

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BASIC SETUP

STEP 1

BASIC INSTALLATION GUIDE

Time: 20 Minutes | Hand Tools | Skills - Easy



Connecting Cameras (not included)

- 1 Connect BNC cameras to the BNC ports on the rear panel.

The Octopus Cable provided with the LH416 Series DVRs only allows for 16 BNC camera connection.

NOTE: Test the cameras prior to selecting a permanent mounting location by temporarily connecting the Cameras and Cables to your DVR.



16 channel DVR with the Octopus Cable

Connecting the USB Mouse

- 2 Connect the included USB/PS2 mouse to the USB port on the rear panel.

MOUSE TIPS

When using the mouse, the ENTER and EXIT buttons appear in the top-right corner of every menu window. When you change system settings and configurations, click to confirm your changes.



ENTER EXIT

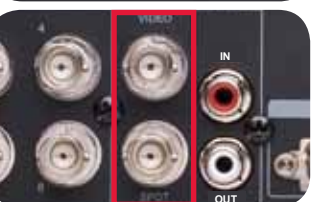
Connecting a Monitor (not included)

- 3a Connect a VGA cable (not included) from your LCD monitor to the VGA port on the rear panel of the Link DVR.



OR

- 3b From one of the Video-Out ports connect a BNC terminated cable (not included) to a TV or CCTV monitor.



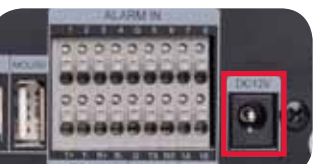
Connecting the Ethernet Cable

- 4 Connect one end of the Ethernet cable to one of the router's (not included) LAN ports and the other end to the DVR's Network Port.



Powering ON the DVR

- 5 Connect the power cable to the DC port on the rear panel of the DVR. Connect the power cord to an electrical outlet. Press the POWER button on the front panel OR press the POWER button on the remote control. At startup, the system performs a basic system check and runs an initial loading sequence. After a few moments, the system loads a live display view.



NOTE: You will need to input your system password (by default, 000000) to power off the system. If you are using the front panel of the DVR, select "+" and "-".

NOTE: Pressing the "Power" button after plugging in the power cable is only necessary for initial startup (first time out of the box).

BASIC SETUP

STEP 1

BASIC INSTALLATION GUIDE

Time: 20 Minutes | Hand Tools | Skills - Easy



CONTINUED

Quick Setup - (Mouse operation recommended)

- 6 By default, the system has Quick Setup enabled. Quick Setup lets you quickly adjust the time and record mode on the system. The system menu will appear as the Quick Setup menu with only Time and Record options available.

Quick Setup - Time

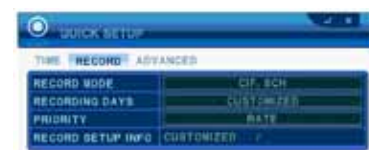
- 7 1. Under the TIME tab, click on DATE and using the virtual keyboard enter the month, day, and year.
2. Select TIME and enter the time (hh/mm/ss).
3. Press the ENTER button to save your changes.



NOTE: It is important to set the correct time and date to assure accurate recording. You should stop all recording (including Manual and Schedule recording) on the system by pressing ◀/▶ on the front panel, or pressing the ⏪ button on the remote control and enter your 6-digit system password (by default, 000000) prior to setting the Time and Date.

Quick Setup - Record

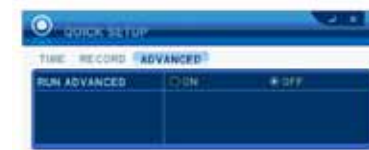
- 8 By default your system will record continuously. See User Manual to customize your recording for advanced recording options based on motion or scheduled.



Disabling Quick Setup

- 9 You must disable Quick Setup in order to access the full system main menu.

1. In Quick Setup Menu under the ADVANCED tab, select RUN ADVANCED.
2. Select ON and press the ENTER button. The window closes. Quick Setup has been disabled. The full main menu will appear when you press the MENU/ESC button.



SET-UP LOCAL VIEWING ON YOUR PC

STEP 2

LOCAL VIEWING INSTALLATION GUIDE

Time: 30 Minutes | Hardware PC/Router | Skills - Intermediate



This step relates to remote viewing over the LAN (local area network) by using a PC located on the same network as that of the DVR.

Retrieve the DVR Information

- 1 To find the IP and MAC addresses, press the ◀ (REWIND) button on the remote control or
1. Open the MAIN MENU and select SYSTEM.
2. Under the INFO tab, you will find your system's IP address.



Record the IP and MAC Addresses in the section below:

IP ADDRESS : _____

MAC ADDRESS : _____
(Required for DDNS registration)

Install Software (on your local computer):

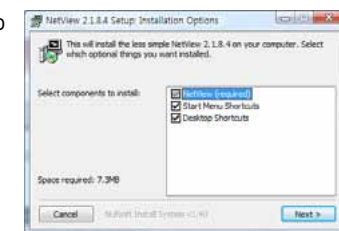
- 2 Insert the software CD into your computer's CD/DVD-R drive. At the prompt, run or double-click LOREXClient8Installer.exe



Computer - not included

Loxex Client 8.0 Software (on your local computer):

- 3 Follow the installation screens to complete Loxex Client 8.0 Software installation.



- 4 Once the installation finishes, click Close. A shortcut icon appears on your desktop.



SET-UP LOCAL VIEWING ON YOUR PC

STEP 2

LOCAL VIEWING INSTALLATION GUIDE

Time: 30 Minutes | Hardware PC/Router | Skills - Intermediate



CONTINUED

Run Loxex Client 8.0 Software (on your local computer):

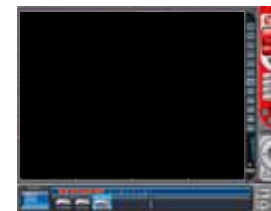
NOTE: Make sure you have connected the DVR to your network.

- 5 1. Double-click the Loxex Client 8.0 icon on the desktop. The Loxex Client 8.0 main screen opens.



LOREX Client 8

NOTE: By default, Loxex Client 8.0 opens to a black multi-screen display. You must add a DVR to Loxex Client 8.0 before images will be visible on the main screen.



Local Live Viewing using Loxex Client 8.0 Software (on your local computer):

- 6 To add a DVR:
1. From the main screen, click at the bottom right corner. The SET LIST MANAGER window opens.
2. Click AUTO SCAN. Any DVRs connected to the local network will appear in the list frame.
3. If your DVR does not appear after Auto Scan, you can add it manually to the list (this step is applicable only if the DHCP is turned OFF):
• SET NAME: enter a title for the DVR (e.g. DVR1)
• IP/DDNS: enter the IP address of the DVR (recorded in Step 2-1) [e.g. http://192.168.1.16]
• PORT: 7000 (default)
• PASSWORD: Enter the system password (by default, 000000)
• Click ADD TO LIST to save the DVR
4. Click OK to save your settings or click CANCEL to exit without saving.
5. Right click on the DVR icon and select LIVE.



You will automatically log in to the DVR when you launch Loxex Client 8.0.

Once you have added and connected to a DVR, you can monitor and control the system in real time.



LOCAL LIVE SITE

Congratulations! You have completed Step 2 successfully. You can now view, playback video on your Local Computer via LAN (local area network).

EASY CONNECT INSTANT REMOTE VIEWING USING YOICS

REMOTE VIEWING INSTALLATION GUIDE

STEP 3A

Time: 20 Minutes

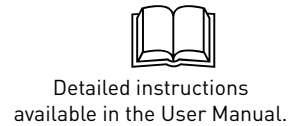
Hardware - PC

Skills - Easy



Easy Connect Setup

1 Router port forwarding is not required. Go to <http://lorex.yoics.com> and create an account.



NOTE: there is no "www" in front of the address. Use Internet Explorer web browser only. The system must be connected to your local network router for Yoics to automatically detect the system.



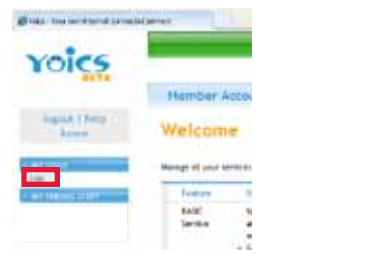
2 A pop-up window opens. Click **CONTINUE** in the registration screen to enable Yoics Easy Connect.



3 Under Yoics Device Name, you can rename your system (e.g. myoffice). Click **REGISTER NOW**. After the registration, your system will be detected automatically.



4 Your system now appears on the left side bar under "My Stuff"



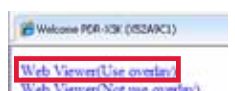
NOTE: This service is provided free of charge. You do not have to click the Upgrade Now button to use the Remote Viewer service.

Connect

5 Click on the name of your device under "My Stuff" on the left side bar. Install ActiveX when Internet Explorer prompts you.



6 Enter your User Name (ADMIN) and Password (000000) to login. On the Welcome window click on Web Viewer (Use overlay for higher resolution) option to view your device.



Congratulations! Now that you have a Yoics account set up you can log in to <http://lorex.yoics.com> to remotely view your cameras from anywhere in the world using Internet Explorer web browser.



SET-UP INTERNET REMOTE SECURITY MONITORING

REMOTE VIEWING INSTALLATION GUIDE

STEP 3B

Time: 60 Minutes

Hardware - PC/Router

Skills - Advanced



This step offers more advanced internet remote monitoring features. If you are only interested in instant remote viewing (Step 3A) you can skip Step 3B.

Port Forward your Router:

1 Port forward your router first before proceeding with the set-up. You must forward Port: 7000

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.

Application	Start	End	Protocol	IP Address	Enable
System	7000	7000	Both	192.168.1.12	<input checked="" type="checkbox"/>

DDNS (Dynamic Domain Name System) Set-up:

2 Open your web browser (Internet Explorer by default) and enter <http://www.lorexddns.net> in the address bar.



Create Account:



Complete New Account Information:



- FOR PRODUCT LICENSE select the LH400 Series option from the drop down menu.
 - FOR PRODUCT CODE enter the MAC address (recorded in step 2, section 1).
 - FOR URL REQUEST enter a unique URL name (e.g. tomsmith).
- NOTE:** URL name should not be more than 15 characters.

SET-UP INTERNET REMOTE SECURITY MONITORING

REMOTE VIEWING INSTALLATION GUIDE

STEP 3B

Time: 60 Minutes

Hardware - PC/Router

Skills - Advanced



CONTINUED

5 Registration Email:

An automated **REGISTRATION CONFIRMATION EMAIL** will be sent to your email. Print and Save this confirmation. You will need this information to access your System remotely.

Service Provider: dns1.lorexddns.net
Domain Name: tomsmith.lorexddns.net
User ID: tomsmith
Password: (your password)

6 Enter DDNS Set-up on your DVR:



ATTENTION: You MUST enter your DDNS information **LOCALLY** in your system before attempting remote access.

- Open the **MAIN MENU** and click **NETWORK**.
- Select the **DDNS** tab.
- Under **USE**, select **LOREX**.
- Under **DOMAIN NAME**, enter only the **first portion of your DDNS** domain from the confirmation email. For example, if your domain name is "tomsmith@lorexddns.net", you only need to enter "tomsmith" in the text field.
- Under **USER ID**, enter your **Lorex DDNS User ID**.
- Under **PASSWORD**, enter your **Lorex DDNS Password**.

NOTE: Obtain your Lorex DDNS user ID and password from the confirmation email.

- Under **DDNS TEST**, select **START**. You should receive a "GOOD" message. If there is an error, check your network connections; check that you have entered the correct domain name, user ID, and password.
- Press **ENTER** to save your settings. Press **MENU/ESC** to close remaining windows.

Install Software (on your remote computer):

7 Insert the software CD into your computer's CD/DVD-R drive. At the prompt, run or double-click **LOREXClient8Installer.exe**



SET-UP INTERNET REMOTE SECURITY MONITORING

REMOTE VIEWING INSTALLATION GUIDE

STEP 3B

Time: 60 Minutes

Hardware - PC/Router

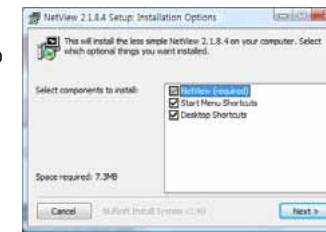
Skills - Advanced



CONTINUED

Lorex Client 8.0 Software (on your remote computer):

8 Follow the installation screens to complete **Lorex Client 8.0** Software installation.



LOREX Client 8

9 Once the installation finishes, click **Close**. A shortcut icon appears on your desktop.

Run Lorex Client 8.0 Software (on your remote computer):

10 1. Double-click the Lorex Client 8.0 icon on the desktop. The Lorex Client 8.0 main screen opens.

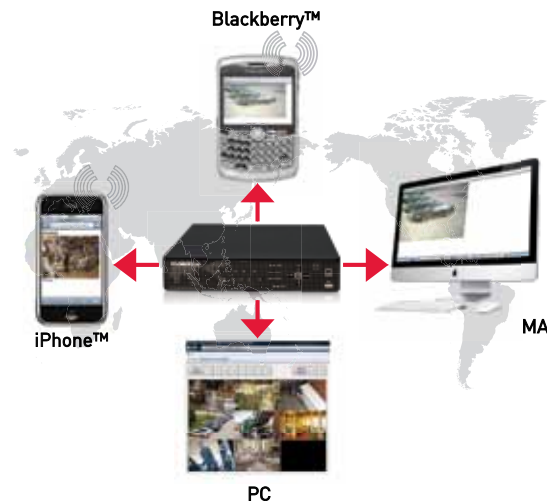


LOREX Client 8

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* For setup of Instant Mobile Viewing and MAC Compatibility refer to your User Manual.



SET-UP INTERNET REMOTE SECURITY MONITORING

REMOTE VIEWING INSTALLATION GUIDE

STEP 3B

Time: 60 Minutes

Hardware - PC/Router

Skills - Advanced



CONTINUED

Using Lorex Client 8.0 Software (on your remote computer):

11 To add a DVR:

- From the main screen, click at the bottom right corner. The **SET LIST MANAGER** window opens.
- In the corresponding text fields enter the information:
 - SET NAME:** enter a title for the DVR (e.g. DVR1)
 - IP/DDNS:** enter the **DDNS DOMAIN NAME** from the Registration Email sent to you. (e.g. tomsmith.lorexddns.net)
 - PORT:** 7000 (by default)
 - PASSWORD:** Enter the system password (by default, 000000)
- Click **ADD TO LIST** to save the DVR



4. Click **OK** to save your settings or click **CANCEL** to exit without saving.

5. Right click on the DVR icon and select **LIVE**.

You will automatically log in to the **DVR Remote View** when you launch Lorex Client 8.0 .

Once you have added and connected to a DVR, you can monitor and control the system in real time.



REMOTE LIVE SITE

NOTE: Remote viewing is only compatible with Internet Explorer. Mozilla Firefox, Opera, Safari and other browsers are not supported.

Congratulations! You have completed 3B successfully. You can now view, playback and Remotely control the system on your Remote computer over the Internet (Wide Area Network).