

Quick Setup Guide

QLR460 SERIES

- QLR464 - 4 CHANNEL CARD
- QLR1670 - 16 CHANNEL CARD

PCI CARD DIGITAL VIDEO RECORDER



PACKAGE CONTENTS:

- | | |
|---|---------------------------|
| 1 x PCI Capture Card | QLR464 also includes: |
| 1 x User's Manual | 4 x Cameras |
| 1 x Quick Start Guide | 4 x 60ft Extension Cables |
| 1 x Software CD | 1 x 4-in-1 Power Adaptor |
| *1 x 16-in-1 BNC multi-channel cable (included with QLR1670 only) | |

It's all on the Web

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

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ENGLISH REVISION # R2

BASIC SETUP: PCI CARD

PCI CARD INSTALLATION GUIDE

Time: 20 Minutes | Hand Tools | Skills - Moderate

STEP 1

Hardware Installation

NOTE: Please turn off the computer's power and unplug the power cord prior to installing the QLR Capture Card. If you are unfamiliar with installing PC hardware, it is recommended to have a PC technician perform the installation.

Remove the computer's cover panel

- 1 Refer to your computer's owner's manual for instructions on how to remove the case cover if you are unsure of how to do so.



Remove the PCI cover plate

- 2 Remove the PCI slot's metal plate at the back of the system.



Be careful of sharp edges while removing the metal plate.

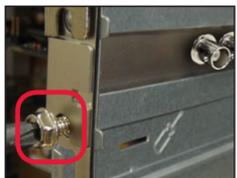
Insert the PCI card

- 3 Push the card **firmly** into an available PCI slot until it clicks in place. The gold-colored connector pins should not be visible after the card is secure.



Secure the PCI card

- 4 Secure the PCI Card by tightening the screw with a screw driver.



Replace the computer's cover panel

- 5 Slide the computer cover panel back on and secure it with screws using a screw driver.



Congratulations!

You have completed Step 1 successfully. Your computer can now support up to 4 cameras.

BASIC SETUP: CAMERAS

CAMERA INSTALLATION GUIDE

Time: 20 Minutes | Hand Tools | Skills - Easy

STEP 2

Camera Installation

Before you install a camera, carefully plan where and how you will position the camera, and where you will route the cables.

NOTE: The 4 Port PCI card has 4 Video inputs, allowing you to connect up to 4 cameras (the instructions below apply to the cameras included with QLR464). You may connect your own cameras, however please make sure to use a proper power adaptor NOT EXCEEDING 12V DC for each camera.



TIP
Make sure your cameras are fully functional before mounting them in the final location.

Connect to BNC extension cable

- 1 Connect the camera's BNC connector into the extension cable's BNC connector. The connection should be snug and secure.



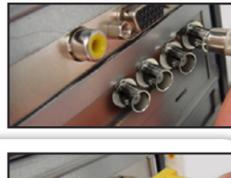
Connect power cable

- 2 Plug the camera's power connector into the power connector end of the extension cable.



Connect BNC to the computer

- 3 Screw in the BNC connector from the extension cable to the back of the QLR card. The connection should be snug and secure.



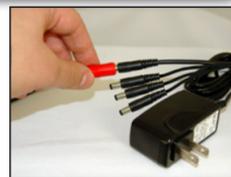
Note:

16 Channel QLR1670 includes a 16-in-1 BNC multi-channel cable. For more information on the QLR1670 please refer to the User Manual.



Connect power adaptor

- 4 Connect the 4-in-1 12V DC power adaptor to the power connector end of the extension cable.



Connect additional cameras

- 5 Repeat these steps for up to three additional cameras.



Plug in the power adaptor

- 6 Plug the power adaptor into the wall outlet. This will provide power for up to 4 cameras.



For QLR464, you are required to use the included power adaptor. Use of a non-regulated, nonconforming power adaptor can damage the cameras and will void the warranty.

EXPRESS INSTALLATION (DRIVER AND LOCAL SOFTWARE)

LOCAL INSTALLATION GUIDE

Time: 10 Minutes | Hardware | Skills - Easy

STEP 3

Installing the PCI Card Driver

- 1 Insert the installation disc into your computer's CD/DVD drive.



- 2 Follow the auto-run instructions on screen. Click on the "Run SetupDisc.exe" option if prompted.



If your system does not support auto-run, you can browse the CD, and search for the Vista Pro 6 Server in the X:\Package\Remote Client directory, where "X" is your CD/DVD drive.

- 3 The installation screen will open. Click on the **Install** button and then click the **Express** installation button.

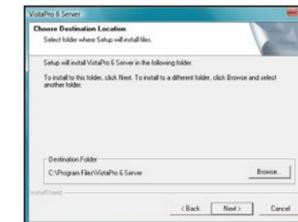


Note: A pop-up window may appear asking you to verify the software. Click the button to allow the installation.

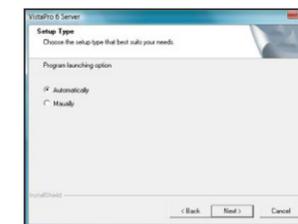


64 bit Vista/7 users: A Windows Security window appears during setup. Select the checkbox beside "Always trust software from 'Cap Co'". Click the Install button to continue.

- 4 The installation window will pop up. Follow the instructions by clicking the "Next" buttons after making your selections. You will be asked to set the installation location, language and program folder.



- 5 Once installed, you will be asked to select whether you want the program to start automatically or manually. **Note: It is recommended that you select "automatically". This ensures that your DVR is always ready to record, even after restarting your computer.**



EXPRESS INSTALLATION (DRIVER AND LOCAL SOFTWARE)

LOCAL INSTALLATION GUIDE

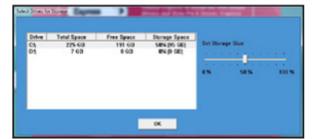
Time: 10 Minutes | Hardware | Skills - Easy

STEP 3

CONTINUED

- 6 You will be asked to select a drive for storage, and to set the storage size.

Note: If you set more than 90% of your hard drive to be allocated to the QLR460 storage, your computer may read the drive as being full, as this hard drive space is being saved for the program.

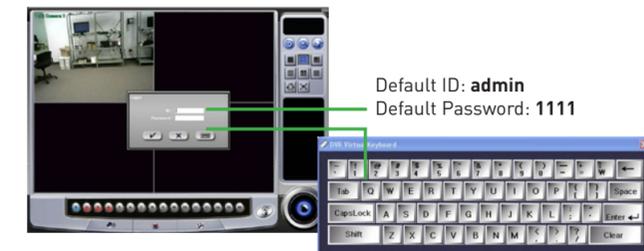


- 7 It is recommended that you remove the installation CD and then restart your computer before running the VistaPro 6 Server Software.

Logging In to VistaPro 6 Server

- 8 Click the DVR shortcut on your desktop, or locate the application in the start menu. If a Windows Firewall warning pops up, select the "Unblock" option.

- 9 Click the Lock Button. The Logon window appears.



- 10 Under ID, enter **admin**; under Password, enter **1111**. Click the checkmark button to log in.

NOTE: Click the Virtual Keyboard button to type in the User ID and Password if you do not have access to a keyboard.

NOTE: It is recommended to change the default password. For details on changing the admin password, see "Changing User Account Password" on page 34.

NOTE: Click the Exit button on the bottom right hand corner of the window to exit the program.



Congratulations!

You have successfully installed the VistaPro 6 Server software. You can now view, record and playback video on your local computer.

LOREX EASY CONNECT INTERNET REMOTE MONITORING ADVANCED (AUTO PORT FORWARD WIZARD)

STEP 4



1 Auto Port Forward Wizard

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** numbers
2. Your router's **user name** and **password**
3. Your Lorex device's **IP** address
4. Your Lorex device's **port** numbers that require port forwarding

2 Installation

1. Insert the system's software CD, select the **Lorex Easy Connect Internet Setup Wizard** and follow the instructions to register, download and launch the Wizard.

3 Step 1: Populate the Router Database

The Auto Port Forwarding Wizard automatically populates a list of current routers, and detects the number of connected routers.

1. Click the **Next** button after the software detects your router configuration.



Step 2: Enter your Router Settings

1. 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. If your IP address does not appear automatically, click the **Search** button and write down your IP, then enter into the box highlighted to the right.

NOTE: Ensure you select the proper model and firmware number of the router.

NOTE: Click the **Auto Detect** button if you have a Linksys or Netgear router (works with most models).

2. Under **Router IP**, click the **Detect Router IP** button. The router's IP populates in the blank field.
3. Under **Username** and **Password**, enter the router's username and password.
4. Under **IP**, enter the IP address of your Lorex device.
5. Under **Port**, enter the port number(s) that require forwarding (6880, 6807 and 6808).
6. Click **Next** to continue.



Step 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 the software makes the required changes to your router.



Step 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.

IF SUCCESSFUL, PROCEED TO STEP 5-1. OTHERWISE, CONTINUE TO THE NEXT STEP.

LOREX DDNS SETUP (DYNAMIC DOMAIN NAME SERVICE)

STEP 5



Manual Port Forwarding. **OPTIONAL**

If you were unable to use the Auto Port Forward Wizard, then you will need to do so manually. Please skip this step if the Wizard was successful.

A router configuration guide featuring the most commonly used routers in the market is available on www.lorextechnology.com/support in the Consumer's Guide Section.

Port forwarding allows your computer to communicate with the remote computers connecting to it. Please consult your router's owner's manual on port-forwarding instructions.

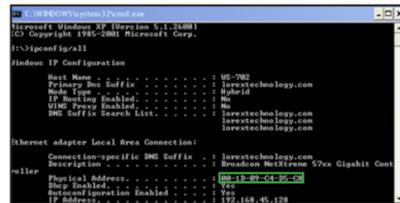
You must port forward the following ports on your router:

- 6880 (Web Port)
- 6808 (Playback Port)
- 6807 (Live Port)

Application	Start	End	Protocol	IP Address	Enable
QLR460	6800	to 6900	Both	192.168.1.12	<input checked="" type="checkbox"/>

Retrieve system information

1. In order to register for Lorex DDNS, you need to make a note of your computer's Physical ID (MAC address). Click on "Start" (located on the left side of your monitor screen) and type "cmd" in the search field (on older versions of Windows, click "Start", then click "Run" and then type "cmd"). Type "ipconfig /all" and make a note of your computer's Physical Address (e.g. 001D09C4D5C8).



Record the IP and MAC Addresses in the section below:

IP ADDRESS :

MAC ADDRESS : : : : :

(Required for DDNS registration)

DDNS set-up

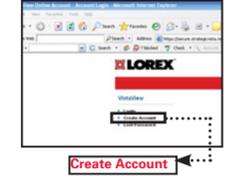
2. Open your web browser (Internet Explorer by default) and enter <http://www.lorexddns.net> in the address bar.

<http://www.lorexddns.net>



Create account

3. From Lorex DDNS website, click the CREATE ACCOUNT option.



LOREX DDNS SETUP (DYNAMIC DOMAIN NAME SERVICE)

STEP 5

CONTINUED

Complete new account information

4. **FOR PRODUCT LICENSE** select the QLR460 Series option from the drop down menu.
2. **FOR PRODUCT CODE** enter your computer's physical address.
3. **FOR URL REQUEST** enter a unique URL name (e.g. tomsmith)



Note: URL name should not be more than 15 characters.

Registration E-mail

5. 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. Follow the steps outlined in the e-mail before proceeding to step 5.6. **NOTE:** Please wait 10-15 minutes before logging in for the first time.

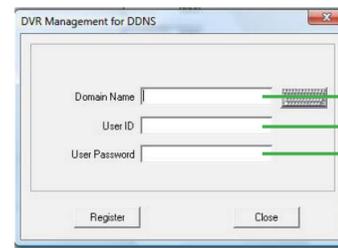
EXAMPLE:

DDNS Server: ddns.lorexddns.net (already added)
 Domain Name: tomsmith
 User ID: tomsmith1
 Password: (your password)

To configure DDNS settings:

6. From within the VistaPro 6 Server software, click the Setup button and then click the Network tab. The Network tab will open.

7. In the DDNS section, click the "Use" checkbox. Click the Set button. The DVR Management window opens. Enter the information you received from your registration email in step 5-5.



Enter your DDNS address

Enter your DDNS user ID

Enter your DDNS password

8. Under Domain name, enter the SUBDOMAIN of your Lorex DDNS address (ie. if your domain name is tomsmith.lorexddns.net, only enter tomsmith into the ID field)

9. Under User ID, enter in your user ID of the Lorex DDNS account.

10. Under User Password, enter the password of the Lorex DDNS account.

11. Click **Register**. A message should confirm a proper registration. Click **OK** to continue.

INSTALL REMOTE VIEWING (ON A REMOTE COMPUTER)

STEP 6



Installing VistaPro 6 Client (Remote Viewing)

1. On a remote computer, insert the installation disc into the CD/DVD reader.



2. Follow the auto-run instructions on screen. Click on the "Run SetupDisc.exe" option if prompted.



If your system does not support auto-run, you can browse the CD, and search for the Vista Pro 6 Server in the X:\Package\Remote Client directory, where "X" is your CD/DVD drive.

3. The installation screen will open. Click on the **Install** button and then click the **Advanced** installation button.



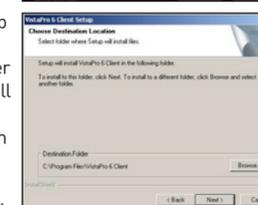
4. Click on the "VistaPro 6 Client" button under the Software tab.

Note: Pop-up windows may appear asking you to verify the software. Allow the software to continue installation when the warning window appears.



5. The installation window will pop up. Follow the instructions by clicking the "Next" buttons after making your selections. You will be asked to set the installation location, language and program folder. Click "Finish".

NOTE: You may now close the VistaPro 6 Installation window.



6. VistaPro 6 Client software is now installed. Double-click the icon on your desktop to run the program.



7. In the Login window, enter your username and password and select **Log In**.



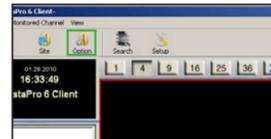
Note: The default login information is:
 ID: **admin**
 Password: **1111**

INSTALL REMOTE VIEWING (ON A REMOTE COMPUTER)

STEP 6

CONTINUED

8. Click on the "SITE" button at the top left of the software screen.



9. Click on the "Register New Site" button.

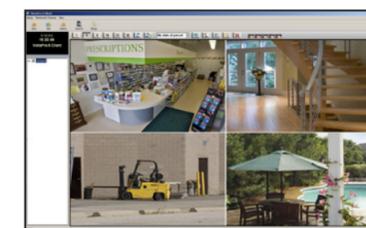


10. Fill out each field and click "Register".

Name: set a name for the site (e.g. office)
IP/DDNS: enter the DDNS address created in Step 5-5 (ie. tomsmith.lorexddns.net)
Video Port Numbers: must be set to **6807 ID:** (default ID is admin)
Password: (default password is 1111)

Note: If you are connecting from a remote computer within the local area network of the installed server (i.e. not over the internet) you can simply enter the IP address of the server recorded in step 5-1.

11. Drag the site name from the left menu and drop it into the viewing window.



Congratulations!

You have successfully installed the VistaPro 6 Client software. You can now view your cameras from a remote location.

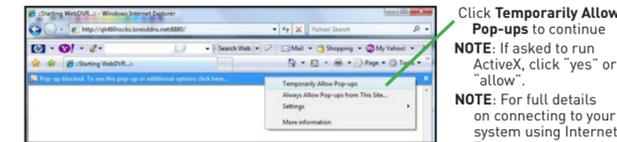
ADDITIONAL CONNECTION OPTIONS: INTERNET EXPLORER

Connecting to your system using Internet Explorer

Open Internet explorer and enter your DDNS address you created earlier, followed by a semi-colon, and then the web port number. For example, you would enter:

<http://mylorexivr.lorexddns.net:6880>

NOTE: There is a semi-colon (:) right after the DDNS address.



Click **Temporarily Allow Pop-ups** to continue

NOTE: If asked to run ActiveX, click "yes" or "allow".
NOTE: For full details on connecting to your system using Internet Explorer, please refer to the User's Manual.