

LOREX NETCAM GADGET

Software Instruction Manual

English Version 3.0



Compatible MODELS:
LN Series



About the Lorex NetCam Gadget

The Lorex NetCam Gadget allows you to remotely monitor Lorex, Digimerge, Axis and Panasonic cameras on the Microsoft Vista and Windows 7 sidebar.

This document explains the steps required to install and use the Lorex NetCam Gadget, available for download at <http://focusonctv.lorextechnology.com/default.aspx>

Before you begin

- The LNE3003 Network Camera firmware must be upgraded to the latest version
- To download and install the latest LNE3003 Network Camera firmware, click [here](#)
- For instructions on how to upgrade Lorex Camera firmware, click [here](#)

Downloading and Installing the Lorex NetCam Gadget

To download the Lorex NetCam Gadget:

1. Download the latest version of the Lorex NetCam Gadget [here](#).



Figure 1:
File Download Security Warning

Note: A File Download Security Warning may appear. Click **Open** to run the installation. Allow all security pop-ups.

Note: If you click Open, the Lorex NetCam gadget automatically installs onto the Windows sidebar, and launches the gadget.

Installing the Lorex NetCam Gadget

To install the Lorex NetCam Gadget:

If you decided to save the application, double-click on the Lorex NetCam Gadget file you downloaded. A security pop-up message may appear. Press **INSTALL** to proceed to the next step.

Note: If a previous version of Lorex NetCam was installed, the new installation replaces and erases previous settings (Figure 2).

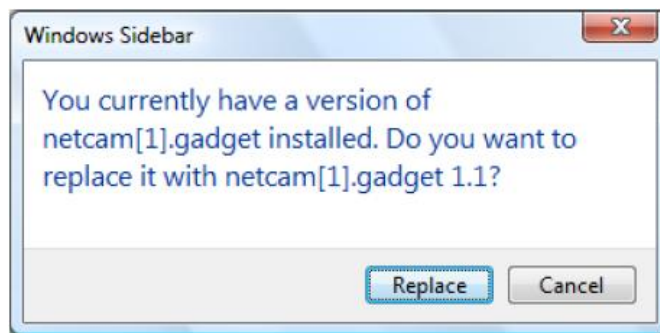


Figure 2:
Click **Replace** to update your Lorex NetCam Gadget to the latest version.

Tip:

If a previous version of Lorex NetCam Gadget was installed, take note of the camera IP or **DDNS** in use.

Using the NetCam Gadget

The NetCam Gadget may be used when the Vista sidebar is open. You may drag the NetCam Gadget to the desktop.

Tip:

To move the NetCam Gadget from the Vista sidebar to your Desktop, drag and drop the NetCam Gadget from the sidebar to the Desktop.



Figure 3:
The Lorex NetCam Gadget after installation.

NetCam Gadget: Basic Layout



Figure 4: NetCam gadget window. Note the four clickable areas on screen.

Basic Layout

1. **Exit Button**
Closes and deletes gadget from the Windows sidebar
2. **Settings Button**
Configure camera settings. See appendix A for a list of compatible cameras.
3. **Link to Lorex Website**
Launches the Lorex website. The website includes sale events, discount coupons, firmware updates, and new product information
4. **Viewing Area**
A window that displays real-time streaming video of an IP camera



Figure 5: Lorex NetCam gadget displaying streaming image of video camera

Settings and Options

The Settings and Options menu allows you to adjust:

- Camera Type
- Camera Resolution
- Camera URL for remote access

Configuring your camera

To configure your camera settings:




1. Click on the  button to launch the Settings and Options screen. The Settings and Options window opens (figure 6).



Figure 6: Settings and Options Window.

2. Click **Camera Type**. A drop-down menu appears. Select your camera model.

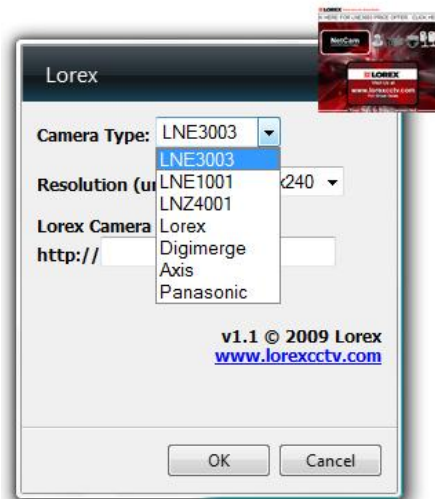


Figure 7: Select Camera Type from the dropdown menu.

3. Click **Resolution**. A drop down menu appears. Select camera resolution.



Figure 8: Select camera resolution from the drop down menu

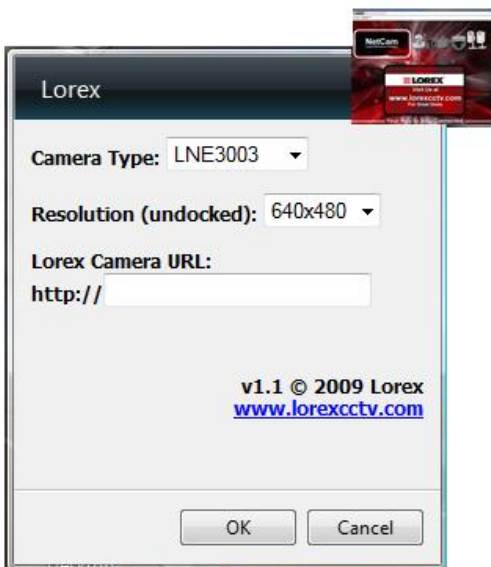
4. Under **Lorex Camera URL**, enter the IP address or DDNS address of your camera.

To view your camera on a local network

If your camera is installed onto the local network, enter the IP of the camera under Lorex Camera URL.

To view your camera on a remote network

If you wish to view your camera from a remote network online, enter the DDNS address or a static IP under Lorex Camera URL.



Tip: Your router must be set up with port forwarding to enable DDNS access.

Note: See Appendix B for an explanation on what DDNS does, and how it works.

Reminder: If a camera is setup with a password, a pop up menu prompts you to enter a user name and password.

Figure 9: Enter the static IP address or DDNS address of your camera to complete setup

Advanced Settings

Opening the sub-menu

The sub-menu offers you control options for the NetCam Gadget. To enable the NetCam sub-menu, right-click anywhere on the NetCam Gadget.



Figure 10:
Right-click anywhere on the NetCam gadget to access sub-menus

Sub-menu options

The sub-menu offers eight options to configure the NetCam gadget.

Sub-menu Option	Action
Bring Gadgets to Front	Places open gadgets on top of all currently open windows.
Add Gadgets...	Manage and add gadgets to your Vista gadget sidebar.
Attach to Sidebar	Positions NetCam gadget back on to the sidebar.
Move	Re-repositions the NetCam gadget. Use keyboard arrows to move NetCam gadget.
Always on Top	Anchors the NetCam gadget on top of all open windows.
Opacity	Adjusts the NetCam gadget's opacity level. Opacity levels range between 20% - 100%.
Options	Opens the Settings menu. Adjust camera resolution and camera IP/DDNS settings here.
Close Gadget	Exits and deletes the NetCam gadget from the sidebar.

Tips

Using the Opacity feature

Enable Always on Top and adjust opacity levels between 20% - 80% to simultaneously monitor the NetCam gadget, and work on other windows.

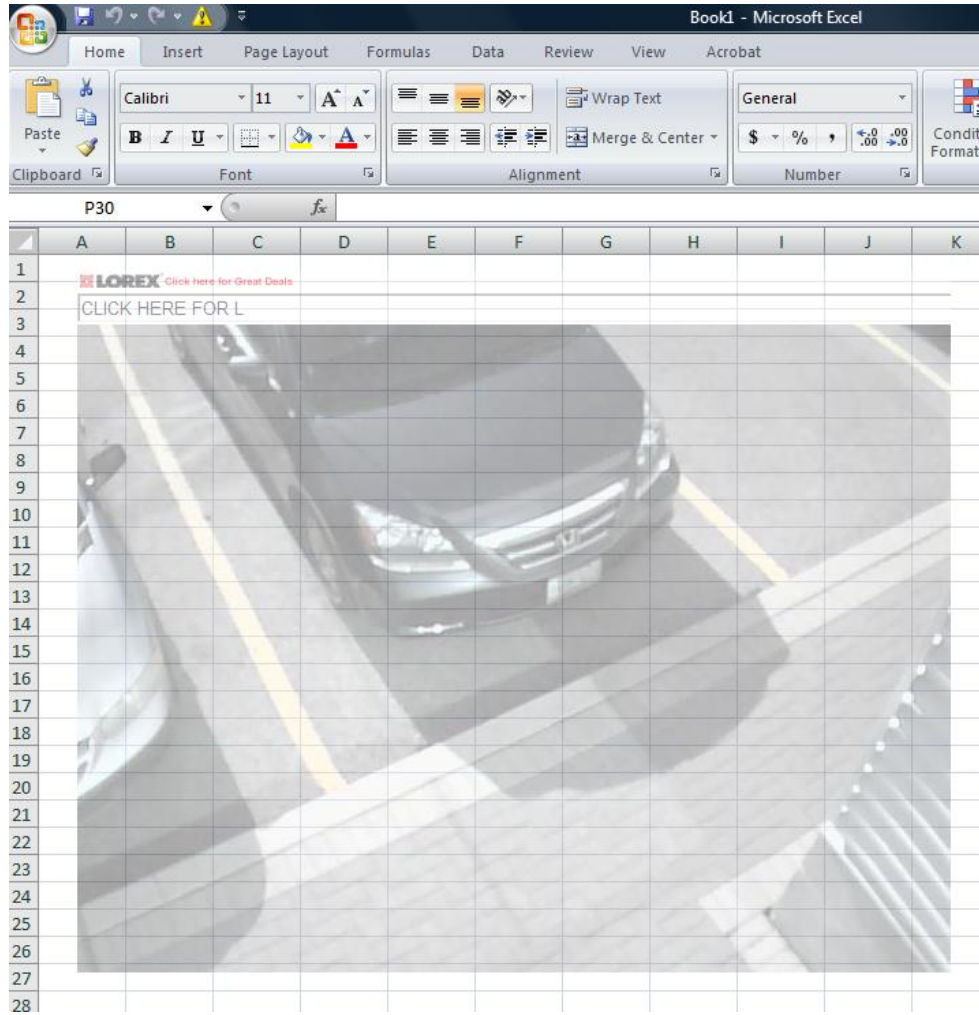


Figure 11: Simultaneously work on applications and monitor your NetCam gadget. Notice the faded NetCam gadget window.

For example, if you wanted to monitor your camera, and work on a spreadsheet, you can anchor the NetCam gadget on top of the screen using the Always on Top function. Then, you can adjust the opacity level of the NetCam gadget so that the gadget remains on top of your windows discreetly.

Using the Pan and Tilt feature

The pan and tilt feature allows you to remotely pan and tilt your camera. The pan and tilt feature only works on PTZ (Pan, Tilt, Zoom) cameras.



Figure 11: Click and hold the direction on screen you wish to pan or tilt.

To Pan and Tilt the camera

Click and hold the direction of the screen you wish to pan or tilt your camera. The current version of NetCam gadget does not support the zoom feature.

Appendix A

List of compatible cameras with the Lorex NetCam Gadget

Lorex Cameras

- LNE3003
- LNE1001
- LNZ4001 (PTZ)
- LNP5220E
- LNP5320E
- LNB6300V
- LND7220V
- LNZ9320W
- LNS1010
- IPSC Series

Digimerge Cameras

- DNP5220E
- DNP5320E
- DNB6300V
- DND720V
- DNZ9320W
- DNS1010

Axis Cameras

- All

Panasonic Cameras

- All

Appendix B

What is DDNS and how does it work?

What is DDNS?

DDNS stands for Dynamic Domain Name Space. DDNS allows you to connect to your camera even if your IP address changes.

Your internet provider supplies you with an address called an IP address (Internet Protocol address). An IP address is the address to contact your computer. The IP constantly changes---in other words, you have a dynamic IP. An IP that does not change is called a Static IP. Static IPs often cost more money, and must be requested by the user.

How does DDNS work?

Hypothetically, if your friends' phone number changed every minute, it would be impossible to contact them. In this case, your friends' phone numbers would be dynamic---ever changing, and never the same.

IP addresses function in a similar way---the address constantly changes. If the address of your camera constantly changes, how can you connect to your camera? This is where DDNS solves the problem.

Imagine DDNS as a human telephone operator. If you wanted to contact your friend whose phone number changed every minute, you can tell the telephone operator your friend's home address. Because your friend's home address never changes, the telephone operator can tell you your friend's phone number, no matter how often their phone number changes.

Enabling DDNS

To enable DDNS, you must register with a DDNS provider. Certain Lorex products offer free DDNS service. DDNS allows you to give your camera a permanent address.

For example, a typical DDNS address may look like this: `LNZ4001.lorexddns.net`.

"LNZ4001" is the address name of the camera, chosen by you. You may re-name "LNZ4001" to any name you wish. For example, if you wanted to name your camera: `my_lorex_camera`, the DDNS address would be: `my_lorex_camera.lorexddns.net`.

How DDNS benefits you

DDNS allows you to connect to your camera even if the camera's IP address changes. To access your camera, simply enter in the DDNS name of your camera into your web browser, for example, `my_lorex_camera.lorexddns.net`.

Since your DDNS address is static, you do not have to worry about your camera's address constantly changing.