Xanboo iG3 Installation Guide

Product Description

The Xanboo iG3 Gateway connects to your high speed Internet service so you can view and control your home remotely through the Internet.

Package Contents

- (1) Gateway
- (1) 15v Power Supply
- (1) 6' Ethernet Cable
- (1) Mounting hardware kit
- (1) Installation guide

1) Plug Ethernet network cable into the LAN jack on the back of the gateway. Connect the other end into your router or directly into your cable/DSL modem.

Note: if you are plugging it directly into your cable/DSL modem, you may need to reset it after powering up the gateway.

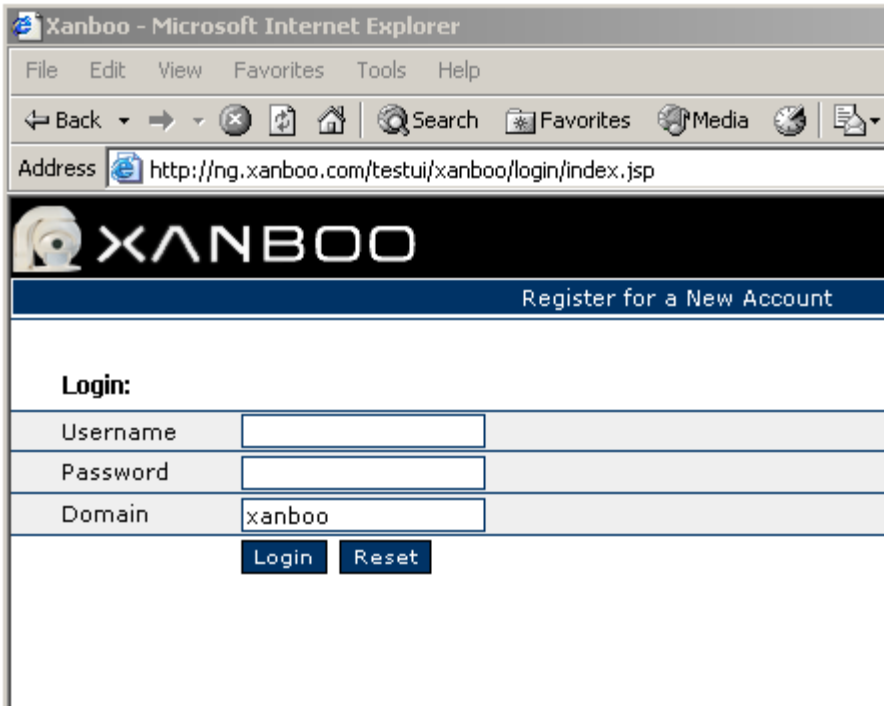
2) Plug the two wired cameras into *'CAM 1'* and *'CAM 2'* ports.

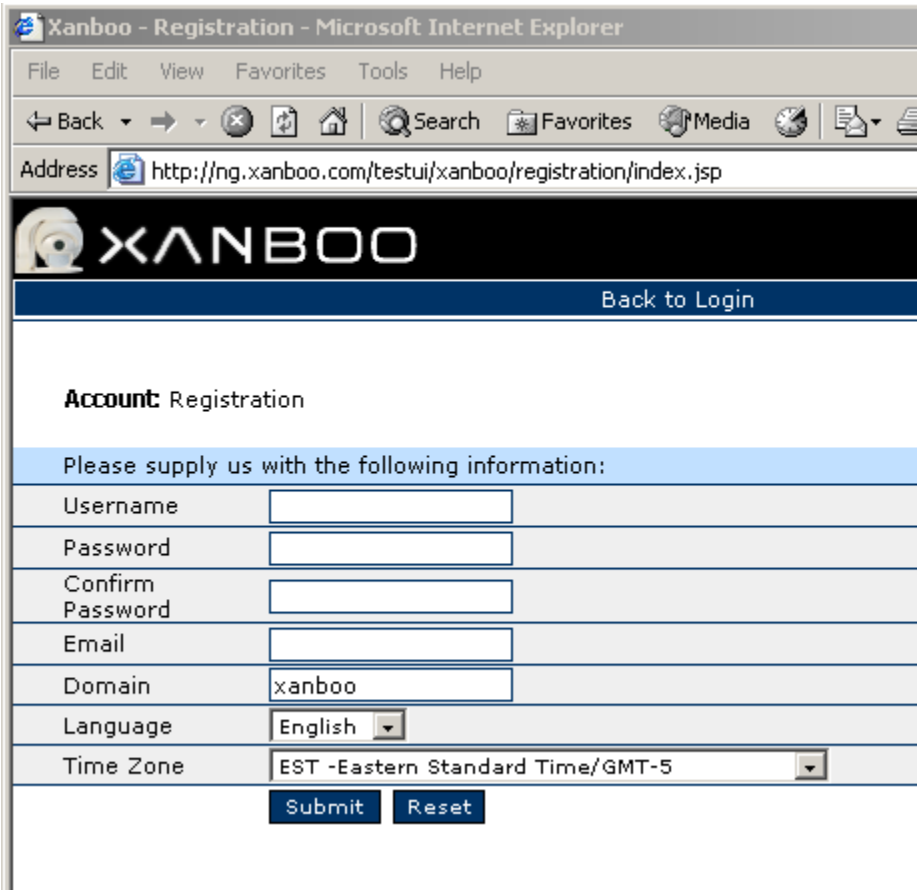
3) Plug the power adapter into the 'Power' port on the back of the gateway. Plug the other end into an available power outlet.

4) The 'Service' light on the front of the gateway will blink red for a period of 1-3 minutes. It should then go to a solid yellow.

Note: If it continues to blink Red, please consult the troubleshooting section in the iG3 manual.

5) Before configuring your gateway, you must create an account on the Xanboo network. Point your browser to http://ng.xanboo.com. Click on the 'Register New Account' link to get to the account creation page. Fill in all of the fields and click submit to create your account.

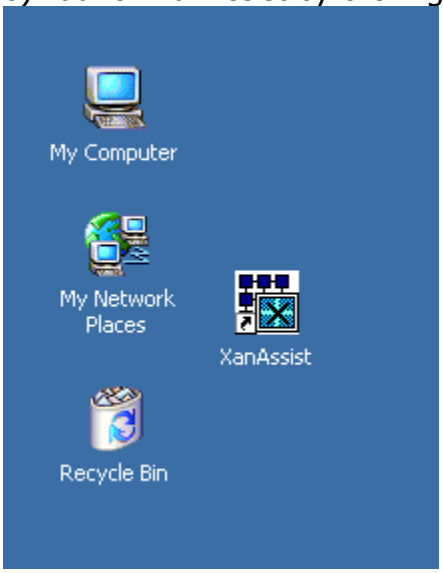

Xanboo - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://ng.xanboo.com/testui/xanboo/login/index.jsp
XANBOO
Register for a New Account
Login:
Username
Password
Domain
xanboo
Login
Reset


Xanboo - Registration - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://ng.xanboo.com/testui/xanboo/registration/index.jsp
XANBOO
Back to Login
Account: Registration
Please supply us with the following information:
Username
Password
Confirm Password
Email
Domain
xanboo
Language
English
Time Zone
EST -Eastern Standard Time/GMT-5
Submit
Reset

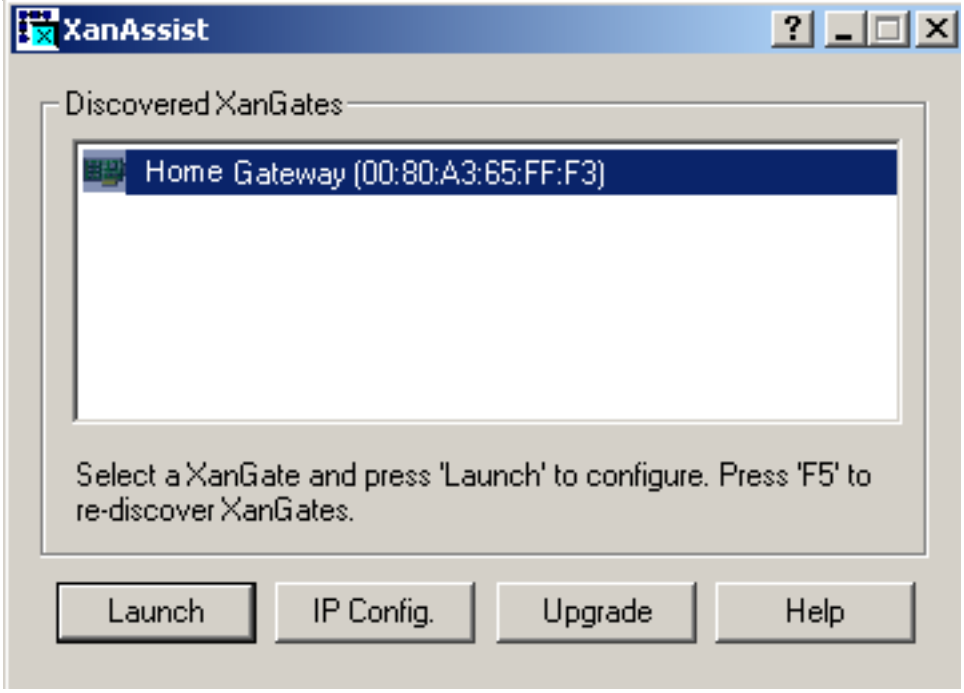
6) You will first need to access it from a PC located on the same network. Place the CD provided into your PC and launch the XanAssist setup program.

7) Follow the installation wizard to install Xanassist. After it is finished installing it is recommended that you reboot your computer.

8) Launch XanAssist by clicking the icon that was placed on your desktop.

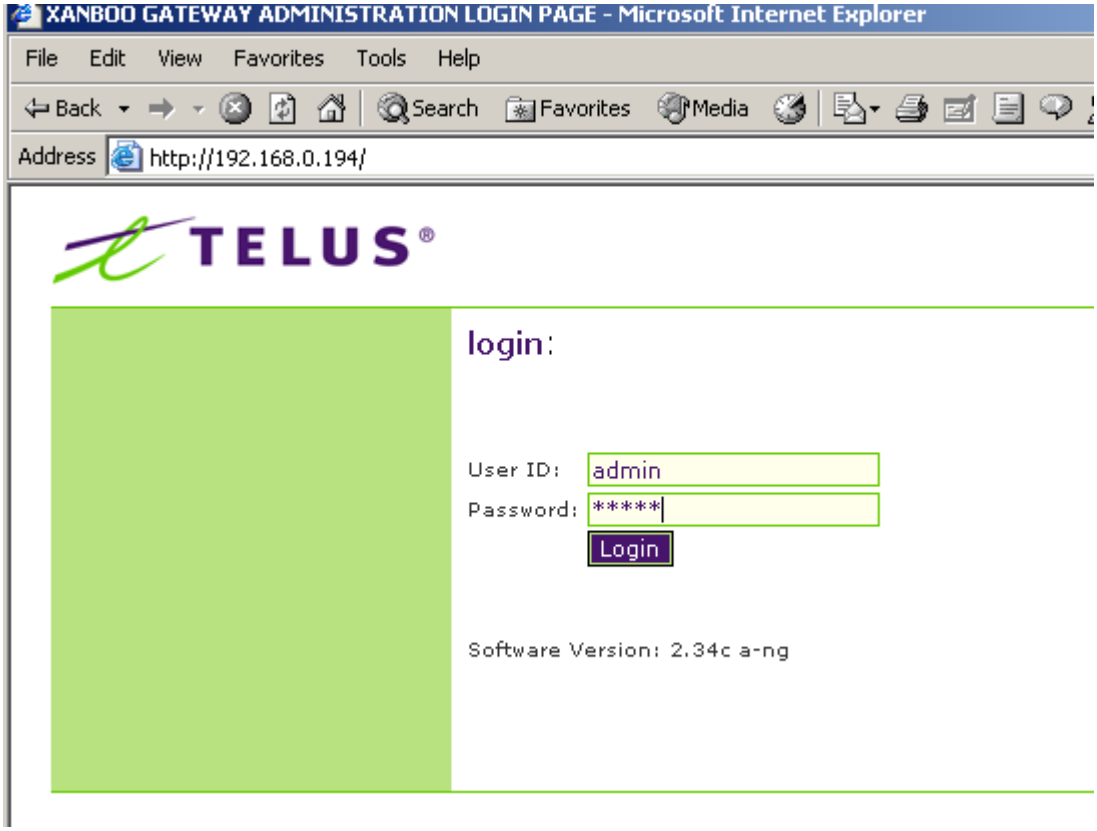


9) You should now see your gateway appear in the list. Select it and click the 'Launch' button. *Note: If you do not see your gateway appear in the list, please consult the troubleshooting section at the end of this document.*

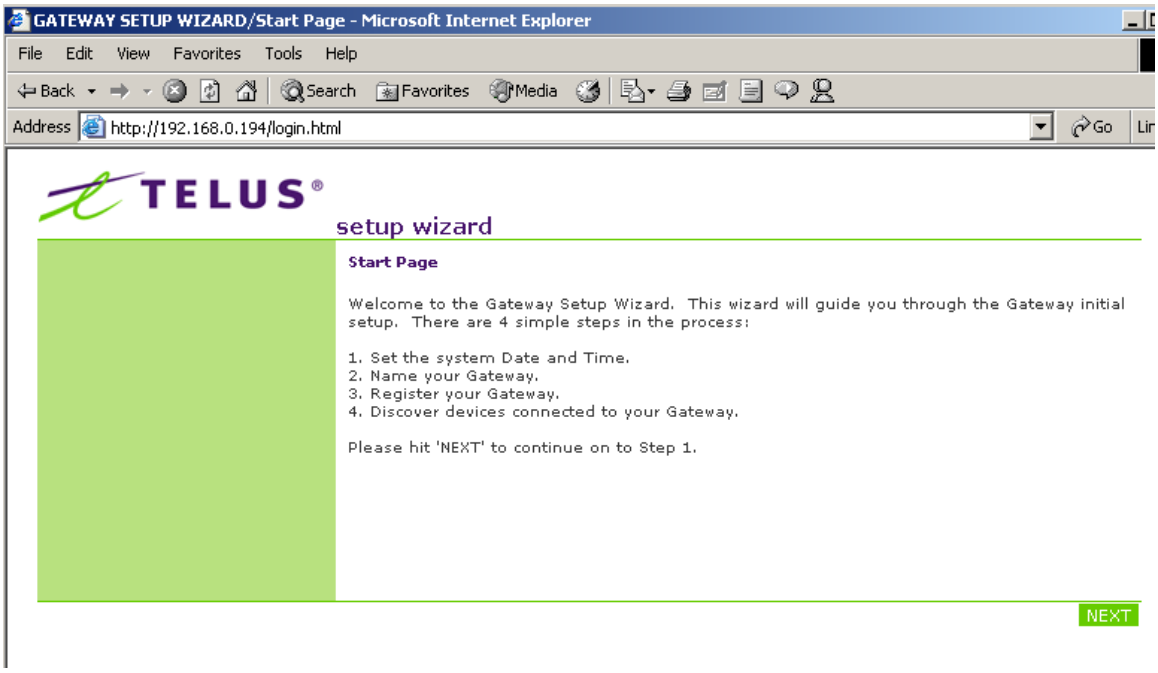


10) In order to configure the gateway you must first log into it. Type 'admin' for the login name and 'admin' for the password. This is the default setting and can be changed later.

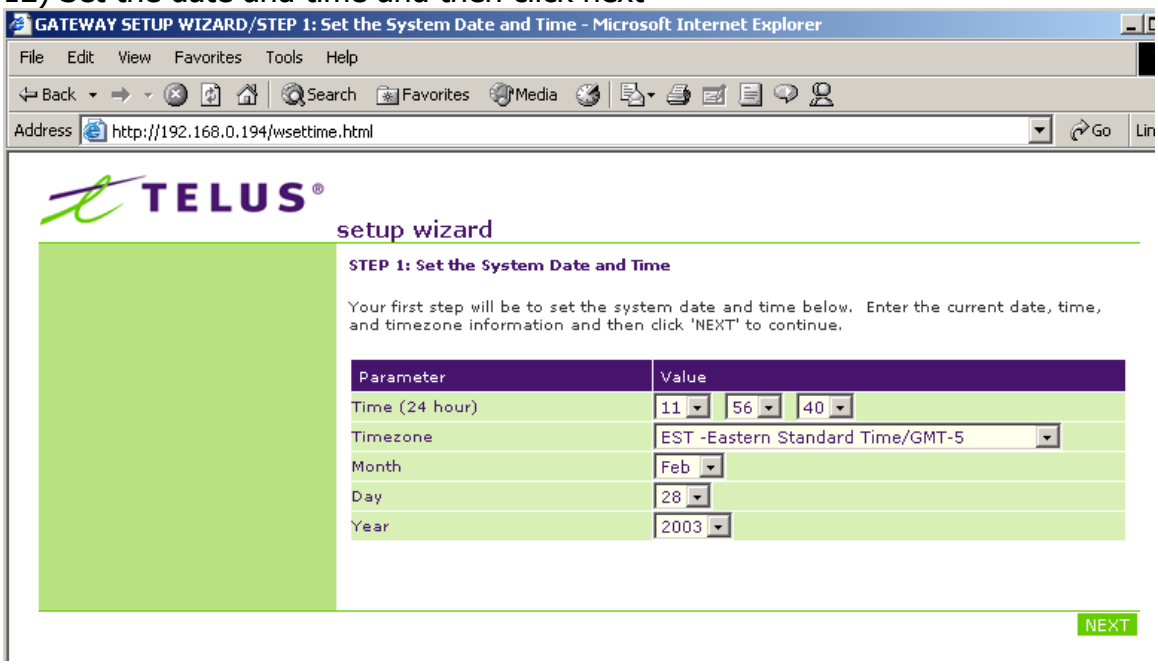
Note: This is the login for the local admin which is different then your xanboo account created above.



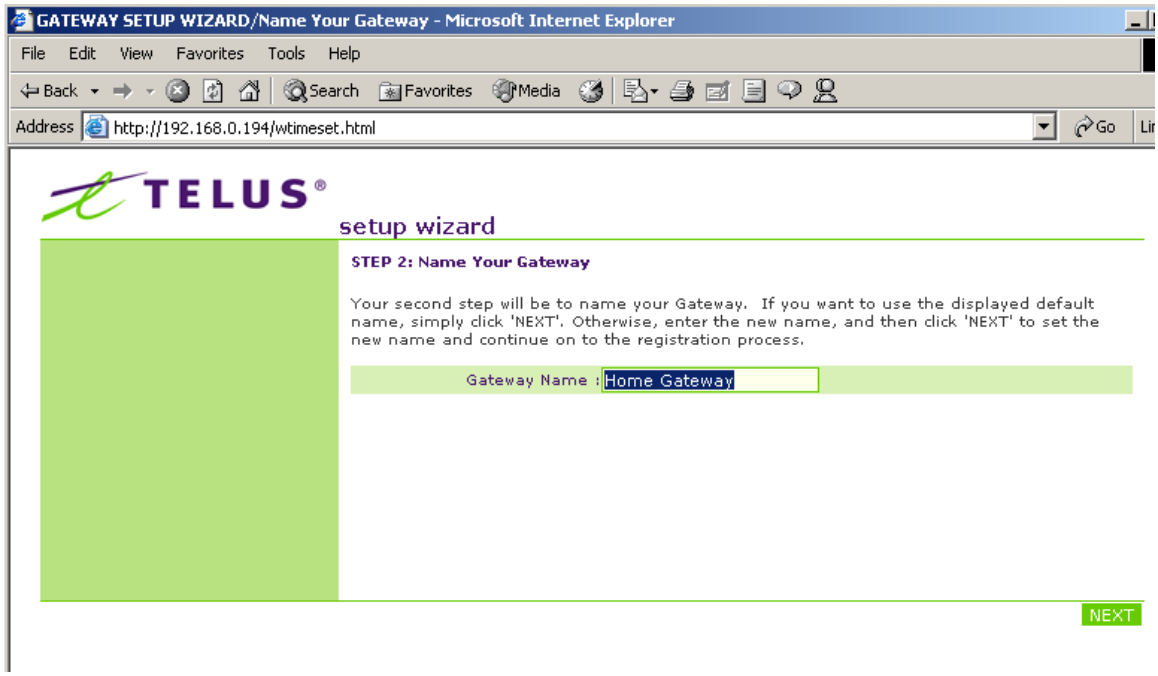
11) Follow the setup wizard to configure your gateway and register devices



12) Set the date and time and then click next

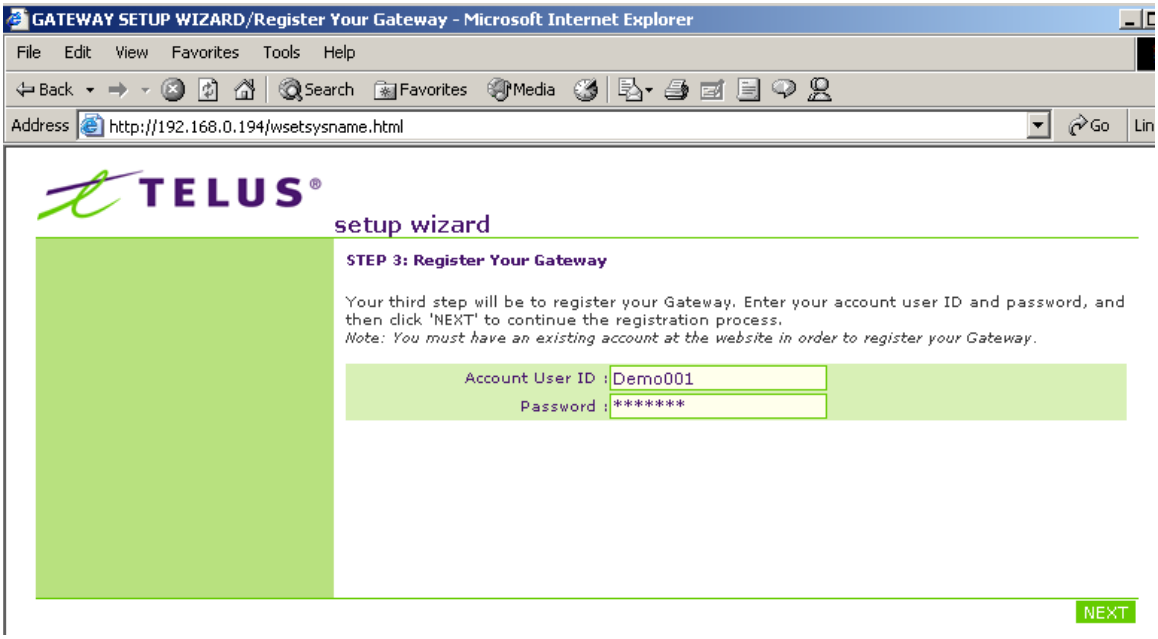


13) Choose a name for the gateway and then click next.



14) Enter the *Xanboo* account created in Step #5 and then click next.

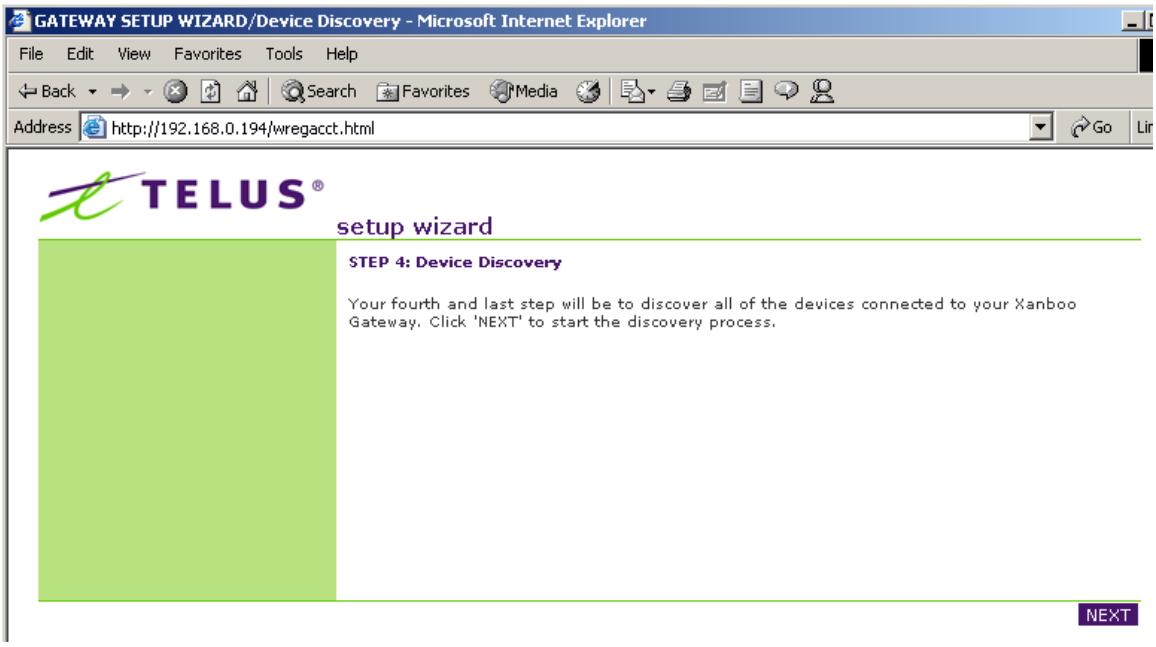
Note: The login and password fields are case sensitive.



15) You will now need to 'discover' the devices you wish to use with the gateway (cameras, sensors, etc). Be sure that your wired cameras are plugged into the gateway before you start the discovery process. Also make sure your wireless devices are located in the desired location and are powered properly. A 9v power adapter powers the wireless cameras. When

plugged in, the light on the camera will turn red. The wireless sensors are powered by two 'AAA' batteries (included). Slide the battery cover off and make sure the batteries are inserted properly. The light on the sensor will turn on briefly each time the sensor is opened or closed. Otherwise, check the batteries again. Click the 'Next' button to start discovering your devices.

Note: The discovery process will automatically timeout after 10 minutes.



16) This page will automatically refresh every 15 seconds. As devices are discovered, they will appear in this list on each page refresh.

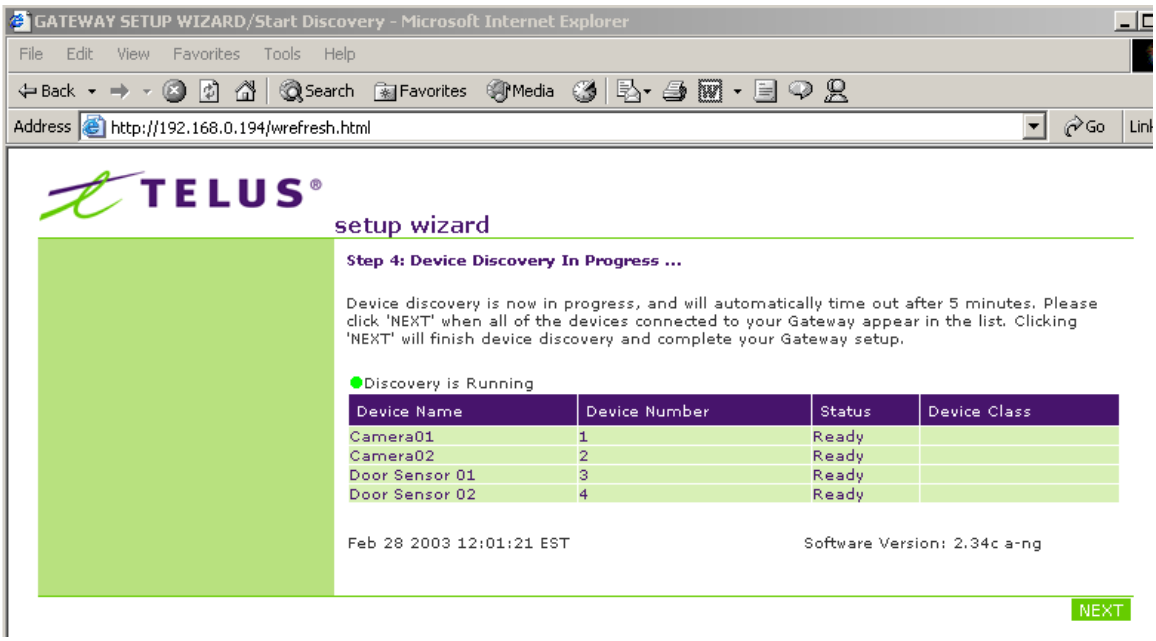
17) At this time, using a paper clip, press the discovery button on the back of the wireless cameras. The light on the camera will turn green when the gateway has discovered it properly.

Note: If the light does not turn green, please consult the troubleshooting section of the camera guide.

18) If you have purchased any wireless sensors, repeat this step.

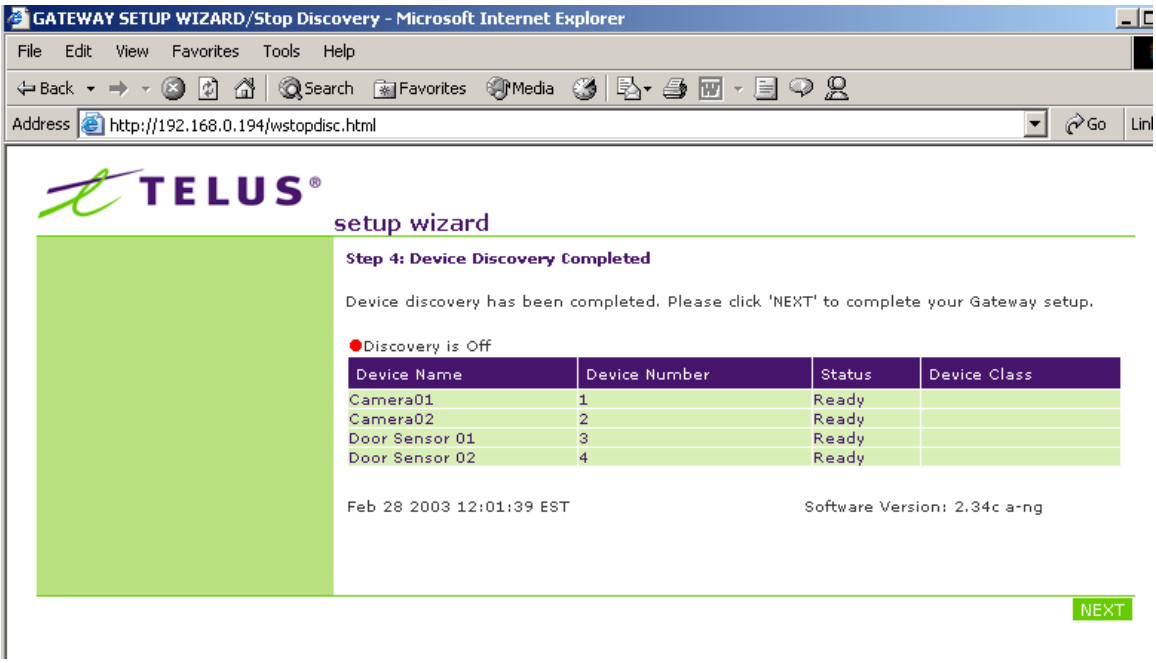
19) Go back to your PC and check that the page displayed in your browser now displays all of the devices you have discovered.

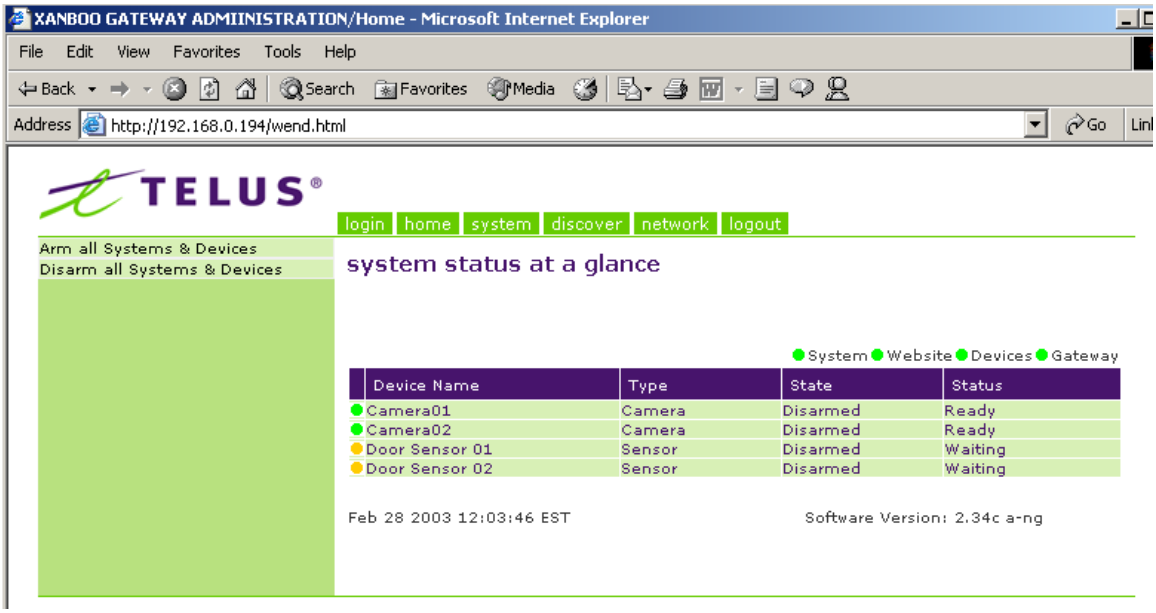
Note: You can always add devices later if you have not discovered all of them at this time.



20) Click Next. You are now finished with the first time setup. Click next again to get to the home page of the configuration screens.

Note: The next time you log in, you will see this page. The setup wizard only appears the first time the gateway is powered or after it has been reset.





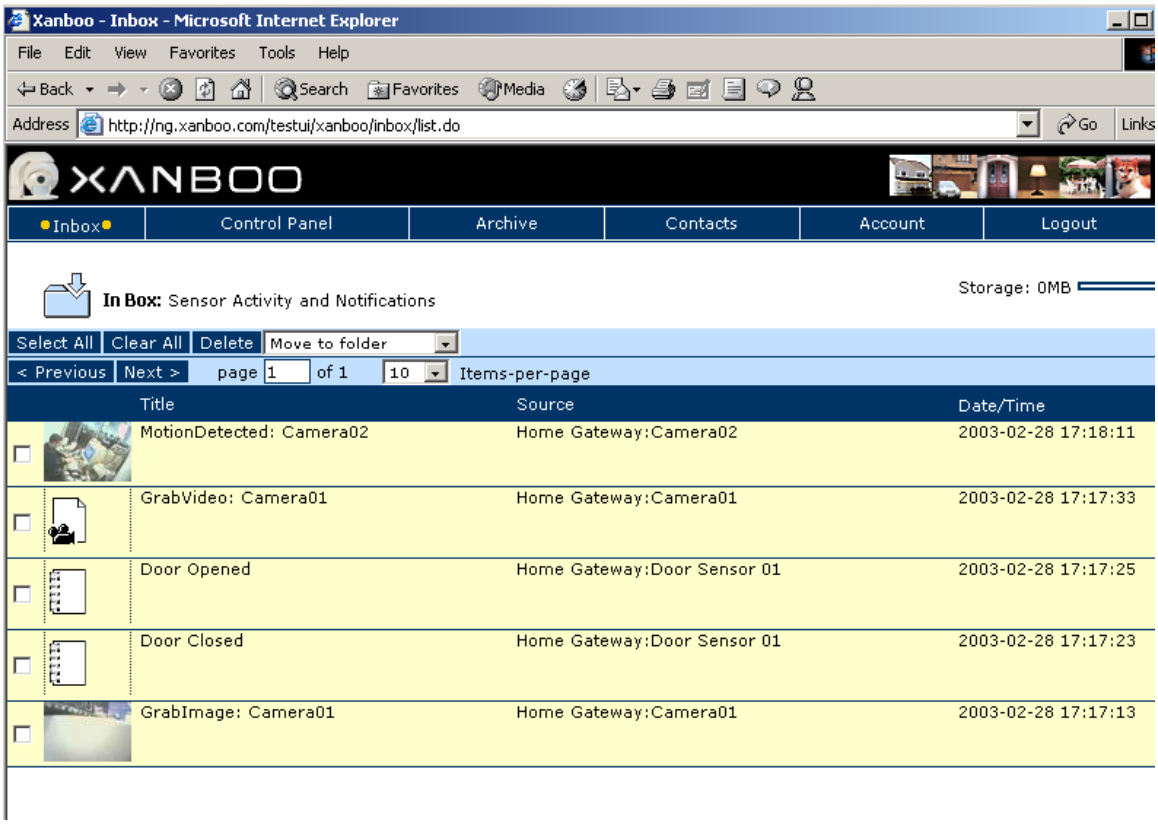
21) You are now ready to interact with your devices. Point your browser to http://ng.xanboo.com and proceed to login with the user name and password you setup in step #5.

22) The 'Inbox' is the default view you will see upon logging on. This will contain a list of items that represent:

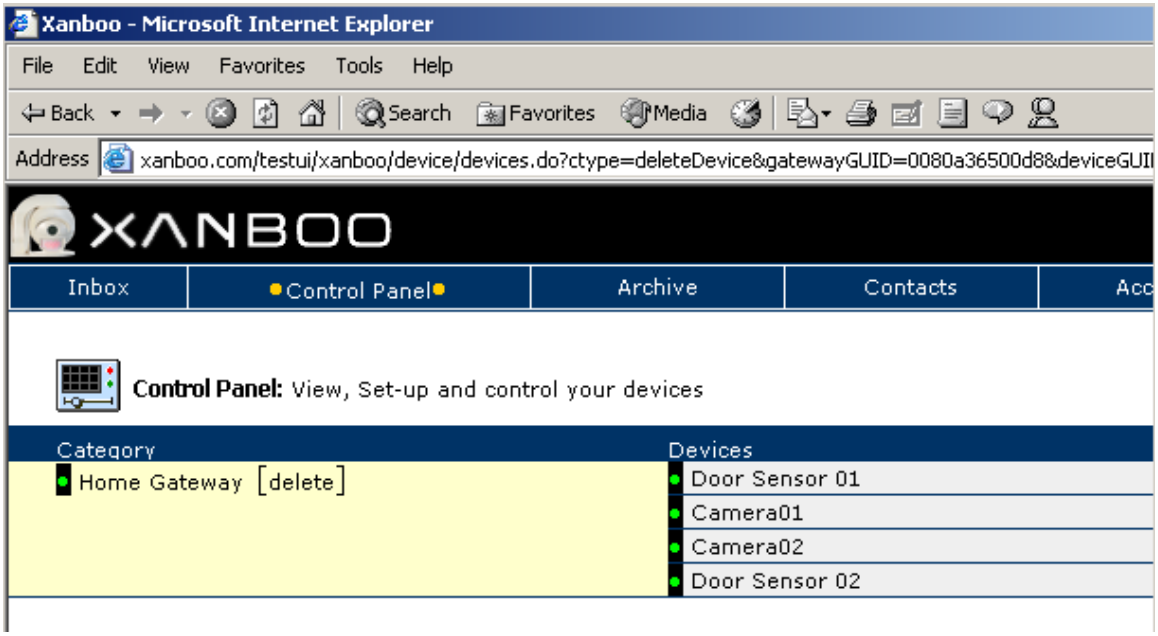
- Events: Door sensor open/close
- Images: Captured manually or through motion sensor events
- Video Clips: Captured manually.

Note: playing back the video clips requires installation of the Quicktime player. Point your browser to http://www.apple.com/quicktime

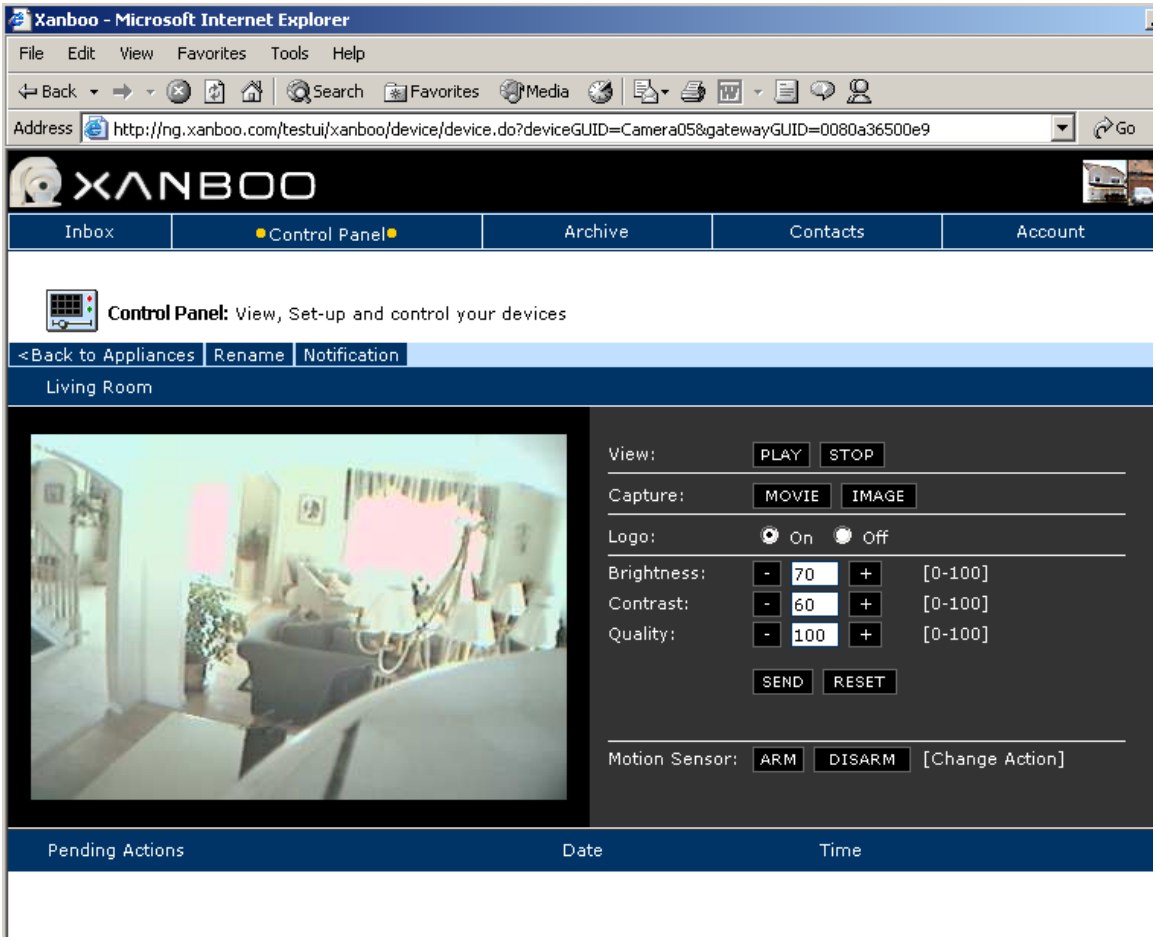
USING XANBOO.COM



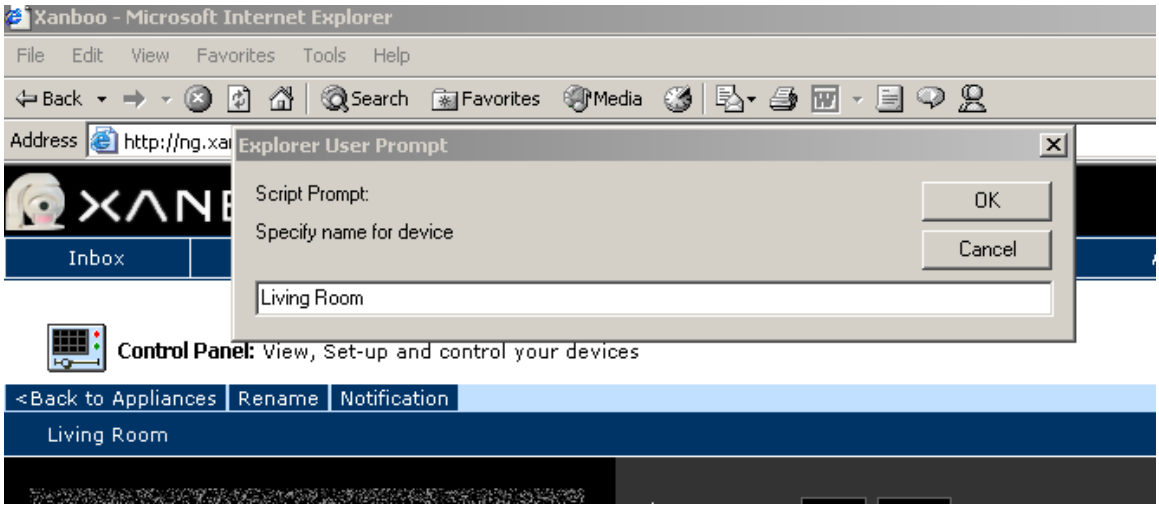
1) The 'Control Panel' allows you to control your gateway and devices. After clicking on it you will see your gateway name you selected during setup as well as the devices you discovered.



Controlling Cameras

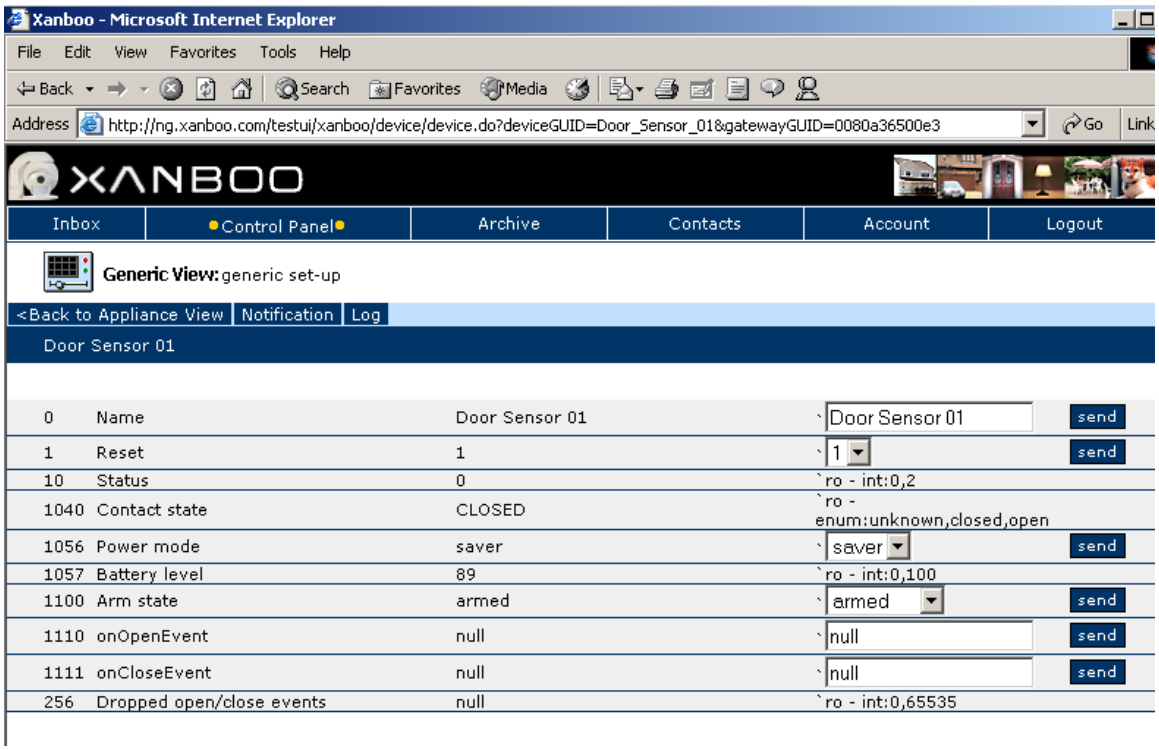


1. Click on a camera link from the 'Control Panel' to control the camera.
2. Click Play to turn on the web camera. *Note: it may take up to 60 seconds before you may see the image on the initial loading. While it is loading you will see a 'static' image. This image is not coming from the cameras.*
3. Click on the 'Arm' button to arm the cameras motion sensor
4. Click on the 'Image' or 'Video' button to capture an image or video clip. *Note: It may take up to 60 seconds for the image or video to appear in your inbox.*
5. You can also adjust the brightness, contrast and quality settings. A higher quality setting will result is clearer images but a larger byte size of the file.
6. To have your captured images stamped with the camera name, turn the 'Logo' option to enabled.
7. If you wish to rename the camera, simply click on the 'Rename' link.



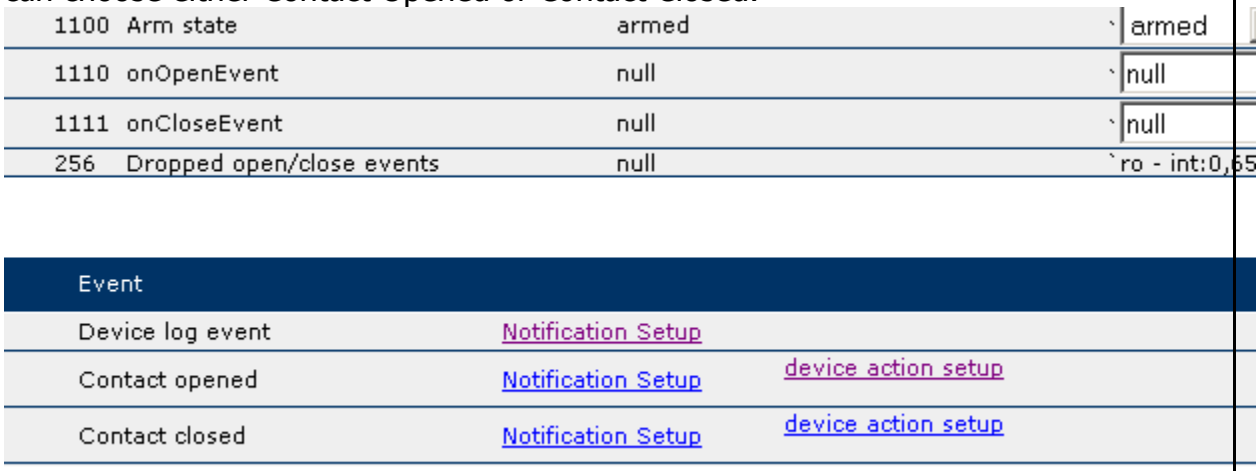
8. Click on the 'Control Panel' to control other cameras or sensors. Each camera will retain its own settings.

Controlling Sensors

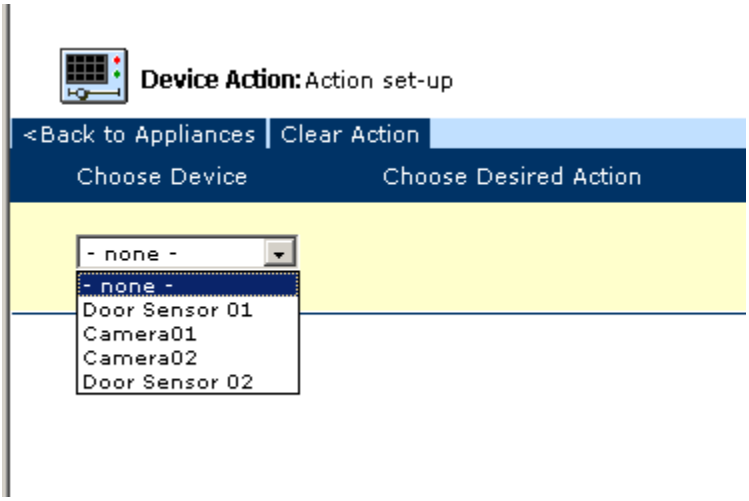


1. Click on the sensor link from the 'Control Panel' to control a sensor.
2. Select Arm and click the 'Send' Button to arm the sensor. Once armed the sensor will send events to the inbox each time the sensor is opened or closed.

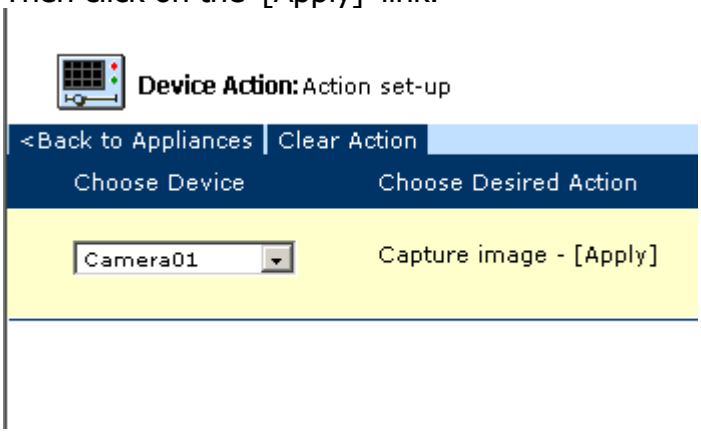
3. The sensor can also be configured to capture an image upon an open or close event from any camera. *Note: You can configure different cameras for each action.*
4. Select the 'device action setup' link in the event section of the page. You can choose either Contact Opened or Contact Closed.



5. Choose a camera from the list.



6. Then click on the '[Apply]' link.



Using the 'Hi-Mom' Camera

1. After the camera has been discovered with the gateway, it can be used to send short video clips with the touch of a button.
2. When the camera is ready for a recording, the light will be a solid green. At this time you can push the button on the camera to start recording.
3. The light will flash green while the video is being captured.
4. After it has completed, it will flash yellow while it is being reset and then back to solid green indicating it is ready for another recording. *Note: A flashing red light at anytime indicates that the video clip was not recorded. This usually means that was too much interference and the clip could not be captured. Please consult the troubleshooting guide in the camera manual.*
5. The video clips will appear in your inbox within 30-60 seconds after it has been captured.

ADDITIONAL iG3 GATEWAY INFORMATION

Discovering Devices (SLIDE 10)

NOTE: New devices can only be discovered when the gateway has an active Internet connection (ie, your gateway is connected to the internet).

In order for the gateway to control Xanboo devices such as cameras and sensors, each device must be registered with the Gateway. The iG3 Gateway establishes a "secure wireless network" between itself and all discovered Xanboo devices. The gateway can only control devices that it has discovered. New devices can be discovered at any time. To discover your devices to the iG3 Gateway, access the Local Gateway Administrative pages by:

A) To Discover new devices, log into the iG3 using XanAssist
B) Click on the DISCOVERY menu option
C) If you have new wired cameras, plug them into the camera ports on the back of the gateway. These will automatically be discovered.
D) Click the Start Discovery menu item to begin discovery for new wireless sensors and cameras, simply push the discovery button on the device while the gateway is in discover mode. *Please consult the devices manual for more detailed instructions for specific devices*.
E) As each new device is detected by the gateway, it will be listed in the browser window. NOTE: *This page will refresh every 10 seconds to show newly discovered devices. You may have to wait for a refresh to see the device listed*
F) Click on the Stop Discovery menu option when you are finished discovering all of your devices. *NOTE: The gateway will automatically stop discovery after 5 minutes or if you browse off the page*
G) Your new gateway and devices are now ready to be used.

SET DATE and TIME (SLIDE 5)

To set a new Date or Time for the iG3 Gateway:

A) Log into the iG3 using XanAssist
B) Click on the SYSTEM tab
C) Click on the SET DATE and TIME menu option on the left
D) Choose the correct information
E) Click on SAVE

Your date and time has now been updated

RESET CONFIGURATION (SLIDE 10)

To reset the iG3 Gateway back to the factory default settings:

a) Log into the iG3 using XanAssist
b) Click on the SYSTEM tab
c) Click on the RESET CONFIGURATION menu option on the left
F) CLICK on the RESET CONFIGURATION button
G) You must then re-power the gateway, by first turning it off, then on.
H) Upon re-powering, you will need to follow the 1st time setup instructions mentioned above in Step 4.

DISPLAY LOG (SLIDE 6)

To view the activity log of the iG3 Gateway:

I) Log into the iG3 using XanAssist
J) Click on the SYSTEM tab
K) Click on DISPLAY LOG menu option on the left
L) You can now review the log information

CHANGE PASSWORD (SLIDE 8)

All gateways initially have the same login and password ("admin") and it is recommended that you change your password after logging in for the first time.

M) Log into the XanAssist
N) Click on the SYSTEM tab
O) Click on the CHANGE PASSWORD menu option on the left
P) Verify your current password
Q) Enter your new password and click submit
R) Your password has now changed

CHANGE GATEWAY NAME (SLIDE 8)

If you wish to change the name of the Gateway (as it will appear on your web account):

A) Log into the iG3 using XanAssist
B) Click on the SYSTEM tab
C) Click on CHANGE GATEWAY NAME menu item on the left
D) Type the new name into the Gateway Name field
E) Click on the CHANGE GATEWAY NAME button

SHOW VERSION (SLIDE 9)

To view the version of software you are using

A) Log into the iG3 using XanAssist
B) Click on the SYSTEM tab
C) Click on the SHOW VERSION menu item on the left

D) You can now view your software version

Configuring Network Settings (Advanced users only) (SLIDE 12)

The gateway is configured to use a DHCP server by default to obtain it's IP address. Most users will not have to change from this configuration. In the event that you need to modify network configuration, you can do so through the gateway admin pages.

E) Log into the iG3 using XanAssist
F) Click on the NETWORK tab
G) Click on the EDIT link for the settings you need to change and apply changes
H) It is recommended that you re-power the gateway after changing the network settings.

Troubleshooting

SYMPTOM	**REMEDY**
LAN status indicator is not lit or red	1. Ensure all network cables are firmly connected 2. Check to make sure that the network cable is plugged into an active port
SERVICE status indicator stays flashing red	1. Ensure all network cables are firmly connected 2. Check to make sure that the network cable is plugged into an active port 3. Check to make sure your internet connection from your cable/dsl modem is active 4. Check to make sure you can browse to <insert link> 5. Re-power the gateway
Wireless Video problems	1. Check the VIDEO status indicator to observe the quality of the signal. 2. Try moving the camera or gateway to different positions (typical range will be from 60-100 feet) 3. Move the camera or gateway away from potential interfering devices including cordless phones, microwaves and wireless networks. 4. Consult the wireless camera user guide for more troubleshooting tips
Wireless devices are not being discovered	1. Ensure the gateway has an active internet connection 2. Check to see that the WIRELESS status indicator is not solid red or unlit. 3. Try moving the devices closer in proximity to the gateway. Typical discovery range will be 60-100 feet. 4. Re-power or reset the camera or sensor and try again.
The gateway does not seem to be responding to commands I issue on the website	1. Ensure that the gateway has an active internet connection. The LAN and SERVICE indicator should be green. 2. Ensure that the gateway is registered with the same account that you are logged in as 3. Verify that you can log into the Gateway Admin

	pages locally 4. Re-power the gateway
The gateway does not show up in the XanAssist list	1. Ensure that the gateway has an active internet connection. The LAN and SERVICE indicator should be green. 2. Verify the computer that you are running XanAssist from has an active network connection and is on the same network as the gateway 3. Press F5 in the XanAssist application to refresh the list
Events from the gateway do not show the proper date and time	1. Be sure you have the proper time and date configured on the gateway. Log into the gateway admin and select the system tab. 2. The gateway does not automatically adjust to daylight savings time. You will need to manual adjust the time .

FAQ's

Do I need a Xanboo subscription in order to use the gateway?
Yes, you need to register with Xanboo before you can use the gateway

What types of devices can I use with the gateway?
You can use any Xanboo enabled device. Currently we have cameras, video messengers, contact sensors, power sensors, acoustic sensors, and water sensors. New product offerings are being added regularly.

How many devices can I register with my gateway?
You can have 3 wired cameras, 6 wireless cameras and up to eight wireless sensors or controls.

How far can the gateway be from the wireless devices?
Operation conditions may vary according to environmental conditions. Typical range will be from 60-100.

Can other Xanboo users control my gateway or devices?
No, each gateway can control only the devices it "registered" during the discovery process. Additionally, all internet communications between the gateway and the application servers are performed over a secure encrypted channel.

Can the gateway control the wireless devices through walls?

Yes, the gateway uses a radio frequency to control the wireless devices. These radio waves can go through solid objects including walls, floors and ceilings.

Can the gateway work behind firewalls?

Yes, the gateway automatically adjusts to work behind firewalls. In this scenario, all communication is performed indirectly through the backend server. You may see delays on up to 30 seconds for transactions to transpire.

Can the gateway be configured to use a static IP address?

Yes, using the network configuration pages in the gateway admin, you can configure to use a static ip address. Be sure to put in the proper subnet mask and default gateway parameters. A static IP address is recommended when used in conjunction with the IP forwarding feature of your router. This will ensure optimal performance.

How can I record video and audio from the cameras with a VCR?

You may buy a special TV-Enabling cable to connect to the AV port on the gateway. This port will show whatever camera is currently being viewed through a live web cam or through motion sensor events.

How can I connect more then 3 wired cameras to the gateway?

At this time, you may purchase a camera switcher and connect the camera switcher to the camera port on the gateway. For example, if you connected three 4-camera switchers to the gateway you could have up to 12 wired cameras.

Technical Specs

- 10/100 Ethernet
- Video quality indicator
- Speed and connectivity indicators
- Convenient wall mounting
- Internet connectivity
- Battery backup in the event of power failure via UPS
- Web based setup and configuration
- Supports both wired and wireless cameras
- Supports Xanboo sensors (door, window, power, acoustic)
- Overall size: 160cm x 120cm x 60cm
- A/V out capable to allow local recording via VCR
- https secure connections to backend webserver
- TCP/IP port configurable
- Configuration password protected
- Available in metal or plastic casing

FCC ID Number: OU4-IG3

This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions: 1)This device may not cause harmful interference and 2)This device must accept any interference received, including interference that may cause undesired operation.Standards:93/68/EEC, 89/336/EEC, BS EN 50082-1:1992, 73/23/EEC, EN60950:1992 CE

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interferences will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment has been certified to comply with the limits fro a class B computing, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device."