

Unity 2.3.x Software Update

WHAT'S NEW IN FIRMWARE 2.3....

The Unity 2.3 firmware update brings adds the ability to Internet enable any of the cameras connected to the system. This allows the user to view any of the cameras from a Mac/PC or most web enabled smartphones. The update is a free update and can be done via the Unity update button under Setup--> System. Please note that this update requires that the Integration Module is connected to the Internet. There are also numerous software fixes for issues encountered in the previous firmware version 2.2.

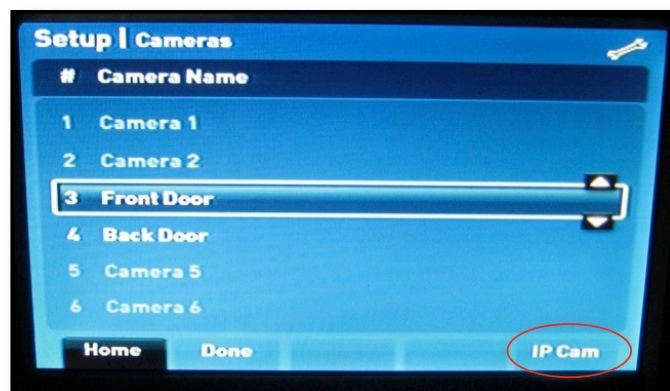
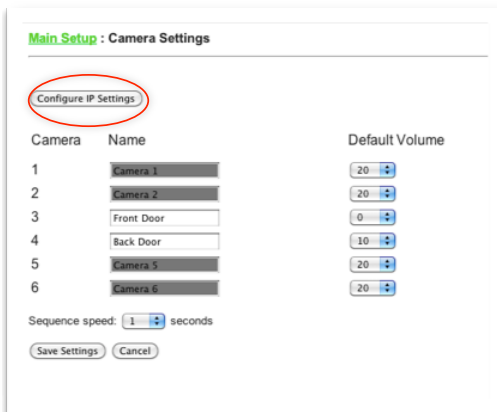
Steps to update your Integration Module to 2.3.x

1. Go to Setup from a Unity LCD or TV Display interface and press Select
2. Scroll to System and press Update. (The update requires the Integration Module to be connected to a High Speed Internet connection in order to download all the new software). The duration of time it takes to update is dependent on the network connection speed to the Internet as well as the size of the system.
3. Allow Unity to complete its self update.
4. Once Unity has restarted it should be running firmware 2.3.34. This can be seen in the Setup Screen

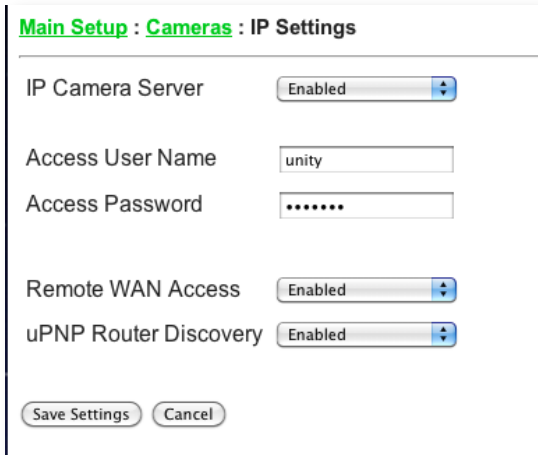
Setup the Unity IP camera feature

1. There are two methods of setting this up... Method 1 is to use the LCD or TV display interface. Method 2 is to use the Unity Web Setup feature. Both are shown here.

2. Go to the Cameras Setup page as illustrated below



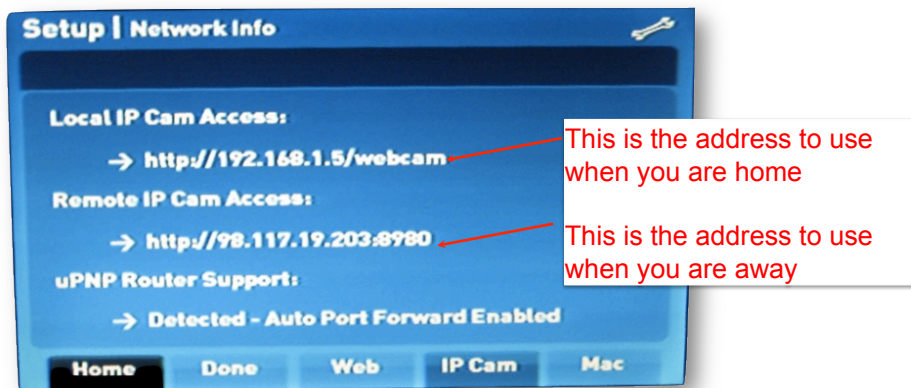
3. Select Configure IP Settings from the Web Setup Screen - OR - Select IP Cam from the Cameras Setup Screen



- 1.Enable the IP Camera feature
- 2.Create a User name and password . The default is **unity** & **legrand**.
- 3.If you want access from anywhere in the world enable the Remote WAN access. *(Remote Wide Area Network Access requires that the Integration Module is connected to the Internet and can be contacted from the Internet)*
- 4.If you enable Remote WAN Access, and have a UPnP router that is enabled, selecting enable will allow Unity to open its own ports to the Internet for you. *See the last page of this document to see how to enable it on the DA1004 Router.*
- 5.Select Done. *(Note: with some UPnP routers an error may pop up stating that Unity failed to connect. This is due to Unity expecting an immediate response it does not receive from the router. Wait 30 seconds and check the Network info (shown below) as it did likely work.)*

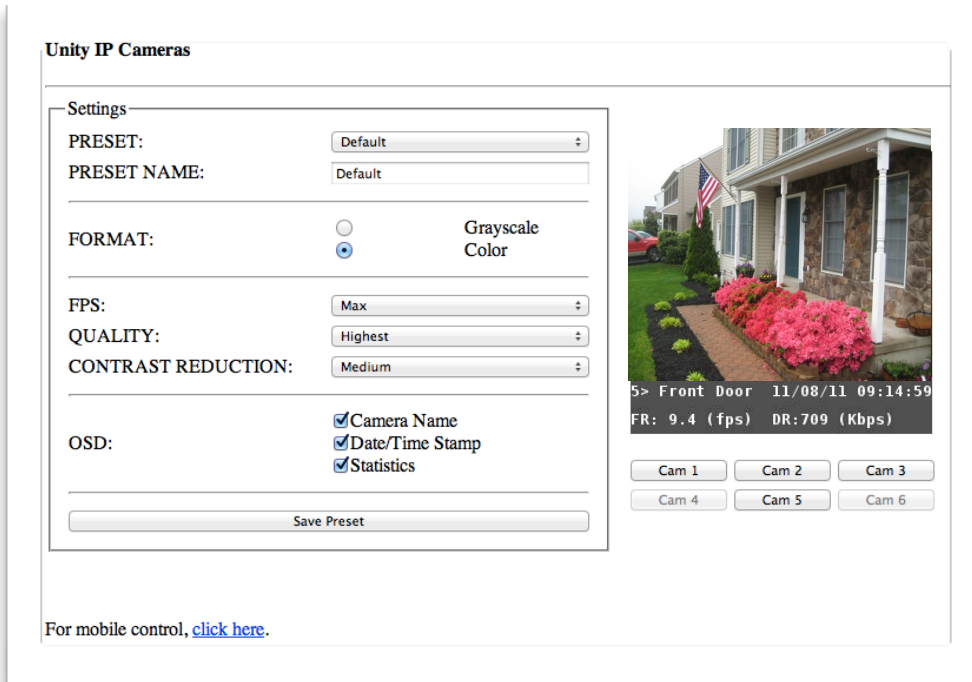
At this stage Unity IP camera feature is enabled. You can log in with the unique username and password you created for the Unity IP feature. If a UPnP router is in use (such as the DA1004), the customer will be able to access remotely without any need to open any ports in the router.

Please note on the DA1004 Router the UPnP feature needs to be enabled. See the last page of this document to see how to enable it on the DA1004 Router. *(UPnP is an acronym for Universal Plug and Play... most all Routers support this feature. More information on UPnP is available at <http://www.upnp.org/>)*



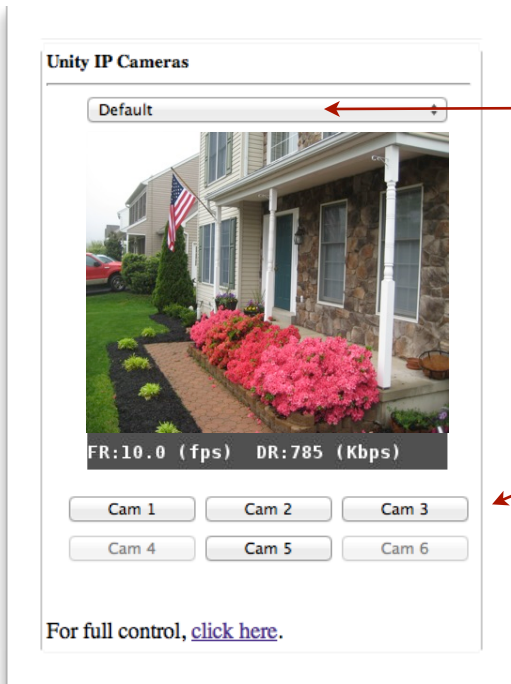
LCD Setup View - (Please note that your IP addresses will be different)

To see how to access your Unity system from your home or anywhere in the world select the Network Info Screen under Setup



For mobile control, [click here](#).

Log into your webcam via the address provided in the network info screen via your internet browser
 Above is the viewer for a PC. Note that there are presets built in. Presets allow for the customer to view the picture at the best capable rate based on the connection speed. Each preset can be adjusted to tailor the desires of the end user. Cameras can be selected by pressing any of the illuminated camera buttons.



The Preset button allows for the video to be tailored for the connection speed.

Select any of the available cameras

This is the mobile view designed for smart phones.

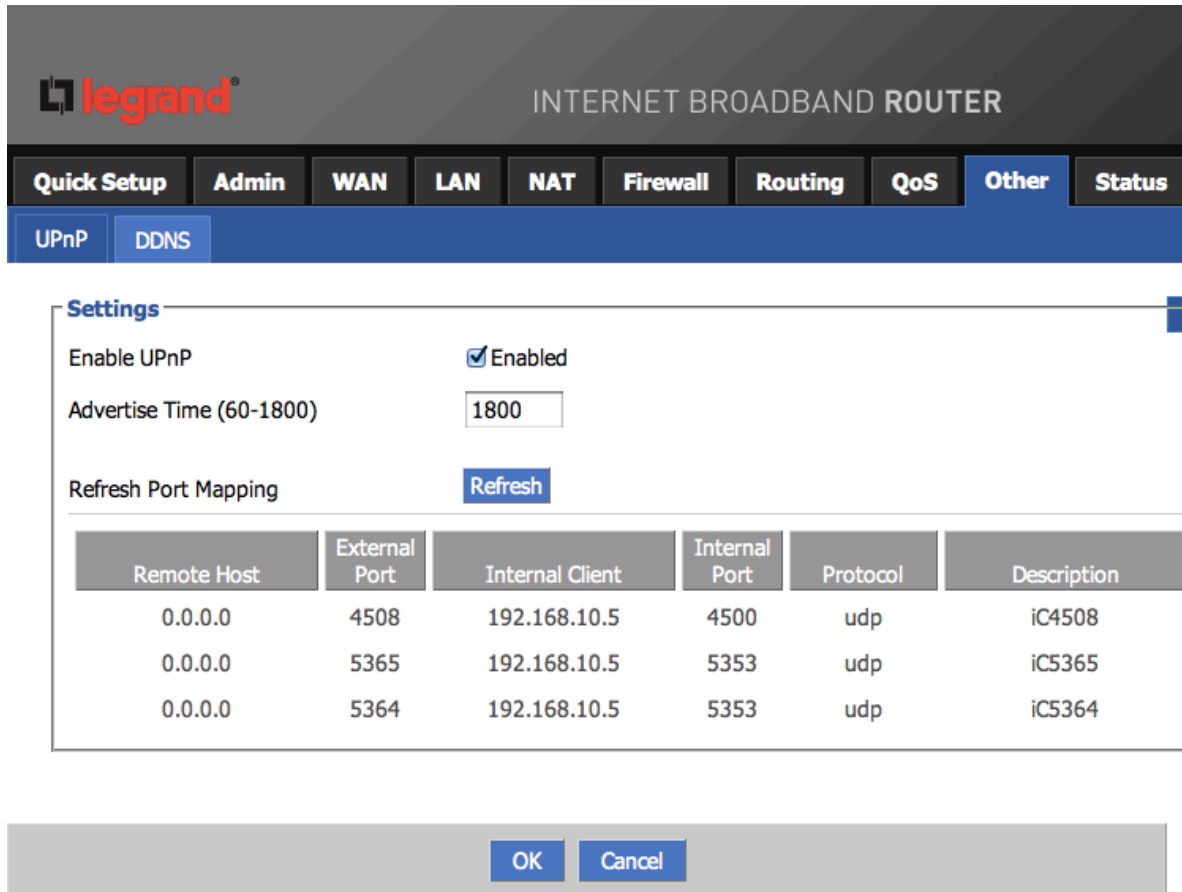
Enjoy!

DA1004 UPnP enabling.

Log into the DA1004 at its IP address... Typically <http://192.168.40.254>

Default username and Password : admin

Select Other --> UPnP



The screenshot shows the Legrand Internet Broadband Router web interface. The top navigation bar includes tabs for Quick Setup, Admin, WAN, LAN, NAT, Firewall, Routing, QoS, Other, and Status. The 'Other' tab is selected, and the 'UPnP' sub-tab is active. The 'Settings' section for UPnP is displayed, showing 'Enable UPnP' checked and set to 'Enabled', 'Advertise Time (60-1800)' set to '1800', and a 'Refresh Port Mapping' button. Below this is a table of port mappings.

Remote Host	External Port	Internal Client	Internal Port	Protocol	Description
0.0.0.0	4508	192.168.10.5	4500	udp	iC4508
0.0.0.0	5365	192.168.10.5	5353	udp	iC5365
0.0.0.0	5364	192.168.10.5	5353	udp	iC5364

At the bottom of the settings panel, there are 'OK' and 'Cancel' buttons.

Select Enabled and press OK.

Logout and you are done.