

# HiCam Generic Webcam Setup Instructions

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These instructions take you through the process of enabling access to your webcam's video stream from outside your home network.

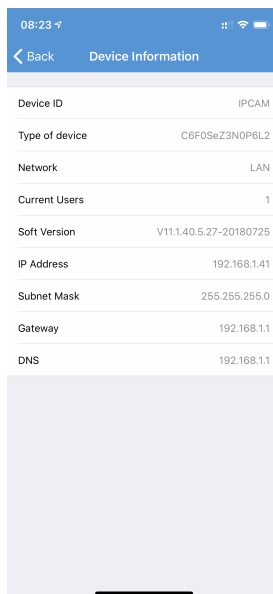
**Note: this will allow anybody with your hostname and username/password combination to view your webcam from any internet connection. Keep your username/password secure!**

## Step 1: Create a dynamic DNS account

- 📦 This will automatically update your dynamic IP address when it's changed by your ISP. We recommend no-ip.com as they provide a free service.
- 📦 Go to [www.no-ip.com](http://www.no-ip.com) and sign up to an account. Make a note of your hostname and password once the sign-up process is completed.

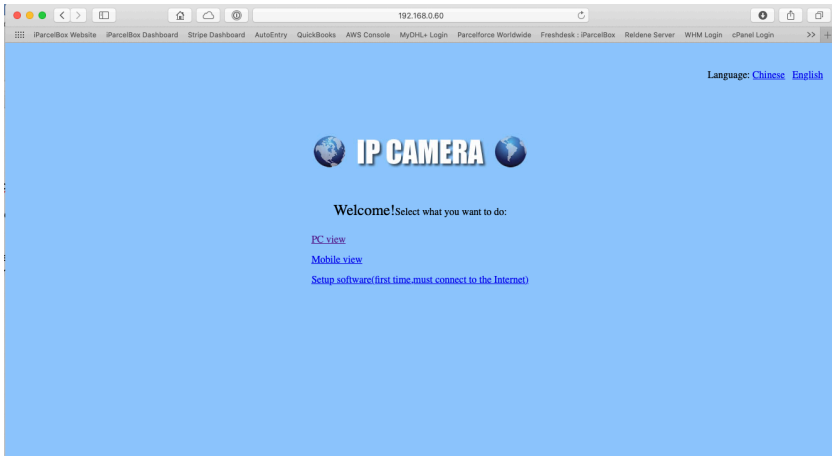
## Step 2: Find your webcam's local IP Address

- 📦 Using the CamHi app on your phone, find your camera's local IP address under Settings | Device Information | IP Address and make a note of this (e.g. 192.168.1.41)

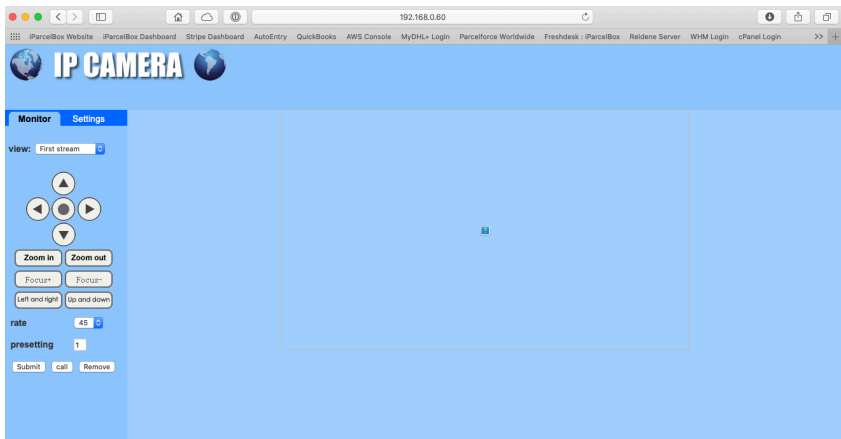


### Step 3: Login to your webcam admin pages

- Using your PC browser, navigate to the IP address noted in Step 1.
- The IP Camera settings menu page should load. If necessary, select 'English' from the top right corner:





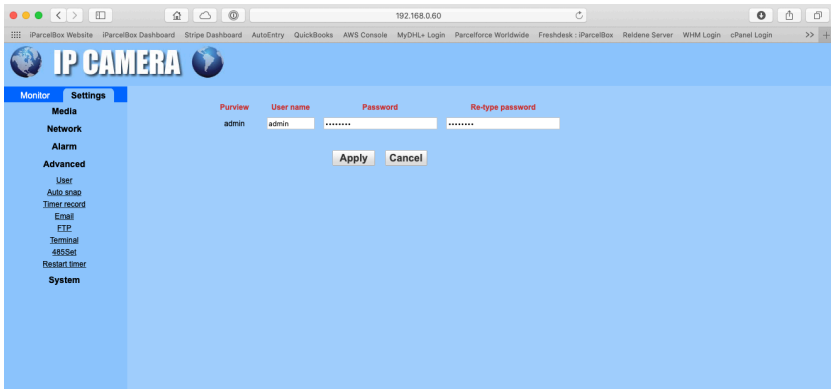
- Click on PC View. You may be asked to login. The default settings are username: admin, password: blank.
- The basic page should load and may show you a stream from your camera.






# Factory Flashing / Testing Instructions

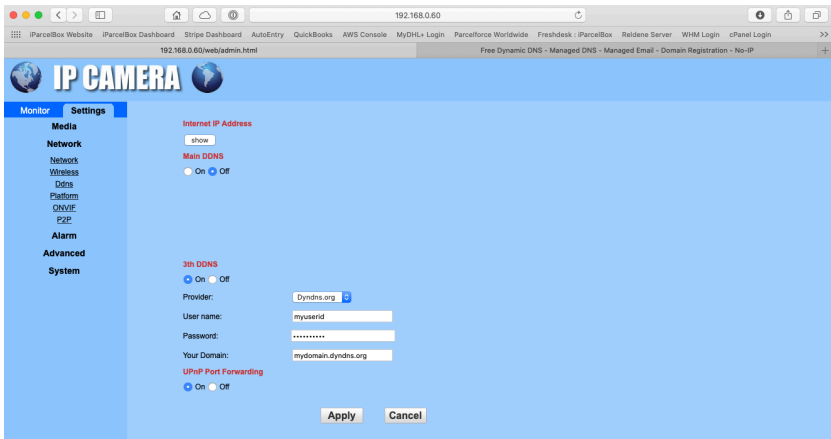
## Step 4: Change your password

-  You're about to make your camera visible from the internet. It's **IMPERATIVE** that you change the default password.
-  Select Settings | Advanced | User, then update the password to something secure and click 'Apply'






## Step 5: Update DDNS settings on your webcam.

-  Navigate to Settings | Network | DDNS.
-  Under '3th DNS', select no-ip.com from the dropdown, and enter the username, password and hostname you created in Step 1.
-  Turn UPnP Forwarding to 'On' and click apply.



## Step 6: Enable RTSP Permission Check

-  Navigate to Settings | Network | Network
-  Check that RTSP Permission Check is 'on', and click apply.



The screenshot shows the 'IP CAMERA' settings interface. The 'Settings' tab is active, and the 'Network' section is selected in the left sidebar. The 'LAN Settings' section is expanded, showing the following configuration:


- IP Configuration Type: Fixed IP Address
- IP address: 192.168.0.60
- Subnet mask: 255.255.255.0
- Gateway: 192.168.0.1
- DNS Configuration Type: Manual DNS
- Primary DNS: 192.168.0.1
- Secondary DNS: 192.168.0.1

The 'HTTP&RTSP' section is also expanded, showing the following configuration:



- HTTP Port number: 80 (80 or 1024-49151)
- RTSP Port: 554 (554 or 1024-49151)
- RTMP Port: 1935
- RTSP Permission check:  On  Off (Note: Modify the settings, reboot the device)

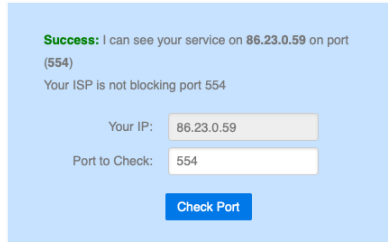
At the bottom of the settings page, there are 'Apply' and 'Cancel' buttons.

## Step 7: Reboot your WebCam

-  Navigate to Settings | System | Initialise and select 'Reboot'. Alternatively, simply power off your webcam, wait 10 seconds and then turn the power back on.

## Step 8: Check that your router is forwarding the correct ports.

-  If you have a modern router, the 'UPnP' setting from Step 5 should configure it automatically.
-  To check that the necessary ports are open, browse to [www.canyouseeme.org](http://www.canyouseeme.org) and check Port 554:



- 📦 If you get a 'Success' response as per the screenshot above, your setup is complete and you can skip to Step 10, otherwise continue with step 9 below.

### Step 9: Set up port forwarding on your router.

- 📦 If the UPnP process in Step 5 didn't work correctly, you'll need to manually set up port forwarding on your router. Each router has a slightly different setup, but there is a good guide on how to set up port forwarding here: <https://www.noip.com/support/knowledgebase/general-port-forwarding-guide/>
- 📦 You will need to forward port 554 to the IP address of your webcam, which you identified in Step 2.

### Step 10: Add your webcam to your iParcelBox app.

- 📦 In the iParcelBox app, go to settings and Webcam Settings.
- 📦 Select 'CamHI Generic' as the webcam type, and enter your details into the fields provided:
  - 📦 **DDNS Domain:** your no-ip hostname from step 1.
  - 📦 **Port:** 554
  - 📦 **Username:** admin
  - 📦 **Password:** the password you set in step 4
  - 📦 **Camera ID:** 11