

6.1.4 After installing the IPCWebComponents, refresh the browser:

The login window will come up on the screen. The user will be then prompted to input the camera credentials. Type **admin** for the user name and leave the password field blank, provided it was not previously set up through the app. However, if it was setup through the app in the previous section, you must enter the newly assigned password in this step. Click **Login** to continue.



Note:

The camera supports two stream modes: Main stream is the option offering the best quality video. Sub stream video is lower in terms of quality, but image streaming is delivered at a faster rate.

6.1.5 When setting up your camera for the first time, it will request that you modify the default username and/or password if both are still set to default. Enter the new username, new password and confirm the password. Click on **Modify** to save the changes. The new username and password will be the credentials that you will need to enter when logging in to the camera in the future. This is only applicable if the password was not previously set up through the app.

Note:

If you forget your username or password, you can press and hold the reset button of the camera using a pin for five seconds. This resets the device to its factory default values.

6.1.6 After concluding the initial login phase into the camera, the system will direct you automatically to the Setup Wizard interface. This is designed to assist you in configuring the basic parameters of the camera, such as name, time, IP address, and wireless settings.

7. Camera web interface

Once the camera configuration has been successfully completed, the main monitoring page will be displayed after logging in, as shown below.



- 1. Top menu bar:** Located on the upper edge of the screen, it contains the main navigational tabs that give access to the following functions of the device:



Opens the main monitoring window and displays footage captured by the camera in real time.



Opens the Administrator control panel, for access to all the parameters, menus and advanced settings available in the device.



Opens the playback panel to reproduce recorded video files stored directly in the SD card.



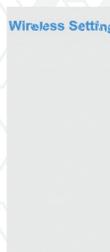
- 2. Display control panel:** the firmware supports the selection of single view, and also the split view in four and nine frames, so as to monitor multiple channels at the same time
- 3. Operating mode:** selectable video format of 50Hz, 60Hz or outdoor.
- 4. Stream type:** selectable resolution settings based on the connection type, available bandwidth and the video format used.
- 5. Mirror/ Flip:** generates a mirror image or changes the frame orientation vertically or horizontally
- 6. Directional buttons:** use these buttons to move the camera up, down, left and right. The center button will cause the camera to move back to its center position. [This function is not supported in this model].
- 7. Cruise control:** selects the vertical or horizontal trajectory of the camera. [This function is not supported in this model].
- 8. Preset positions:** use this feature to define different scanning patterns for the camera. A maximum of 16 preset positions can be stored. [This function is not supported in this model].
- 9. IR LED lights:** it provides the manual, automatic or scheduled activation of the LED lights.
- 10. Color adjustment:** this menu provides image setting adjustments, such as hue, brightness, saturation and sharpness.
- 11. Bottom menu bar:** it contains the shortcut icons for Play, Stop, Talk, Audio, Snapshot, Record and Full screen.

8. Wireless connection (manual method)

- 8.1 If your wireless router does not support the WPS function, open the **Settings** tab on the top of the camera main page, then go to the **Network - Wireless Settings** section on the left side of the screen. Click **Scan** to continue.



- 8.2 Select the SSID (name of your router) from the list, and the corresponding network identifier and encryption will be automatically filled on the right side of the page. All you need to do is to enter the password assigned to your wireless network.



- 8.3 Click the **Save** button and disconnect the network cable. Keep the camera powered on until it is displayed on the IP Camera Tool. If the camera does not show up on the screen, unplug the power cable from the camera and then plug it back in again. The connection to the wireless network should happen automatically.



9. Cloud storage

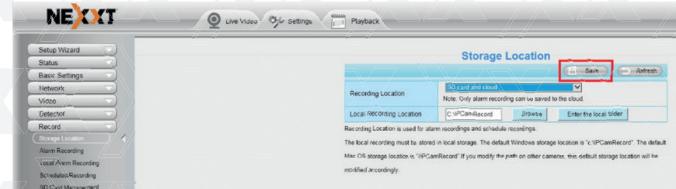
A user supplied micro-SD card must be inserted in order to use the Dropbox storage function. Also, it is important to note that you can only use one camera per Dropbox account.

9.1 To use this feature, you need to have a registered Dropbox account. You can register one by going to www.dropbox.com.

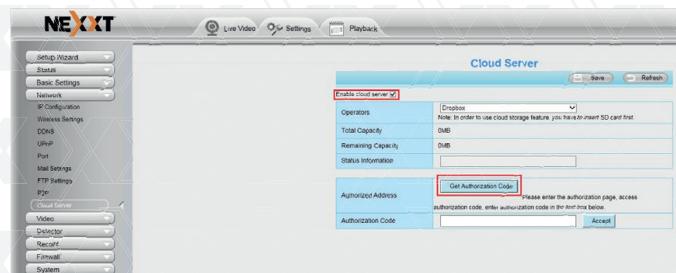
9.2 Once ready, login into the web interface. Click on the **Record-Storage Location** menu. Under the **Recording Location** field, select the **SD card and cloud** option.



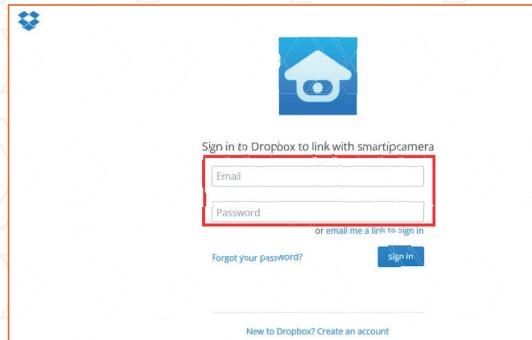
9.3 Click Save when done.



9.4 Click on the **Network—Cloud Server** menu. Select the **Enable cloud server** option followed by **Get Authorization Code**.

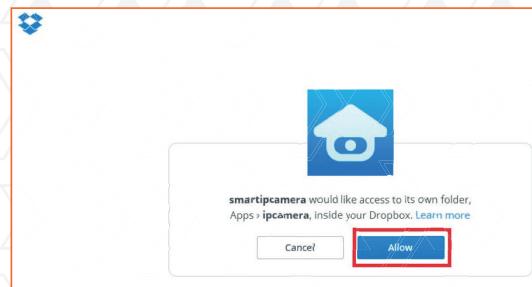


9.5 In this step you will be redirected to a Dropbox webpage. Enter your Dropbox account information under the **Email** and **Password** fields and then click on **Sign in**.



9.6 You will need to grant access to the **Apps** folder in your account. This will create a new directory called **ipcamera**. This is the directory you will be using to store your alarm-triggered events, such as motion and sound. Click on **Allow** to continue.

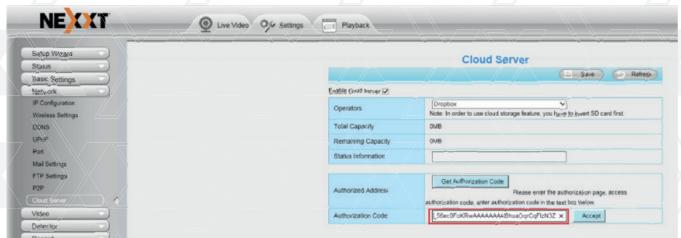
Note: Manual recordings will not be stored on the cloud.



9.7 Dropbox will now give you an authorization code.



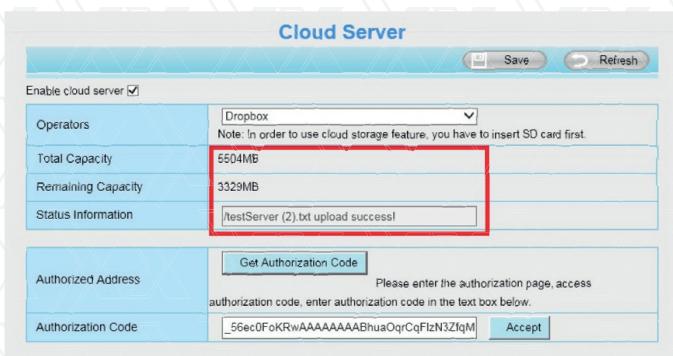
9.8 Copy and paste the generated sequence in the **Authorization Code** field located in the IP camera's interface.



9.9 Once done, click on **Accept**.



9.10 An upload success message, including the total and remaining capacity of your Dropbox cloud storage account, will be displayed in this step.



9.11 To finalize the setup, click on **Save**.

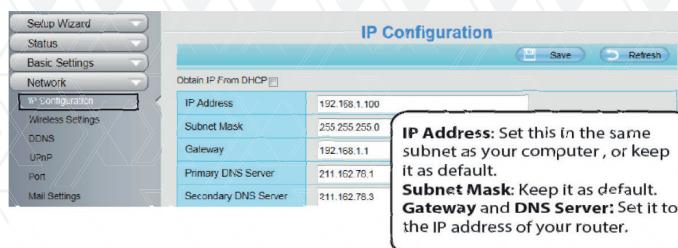
Note:

Only the alarm-triggered events will be stored on the cloud storage account.

10. Remote access via DDNS

You can take advantage of our free DDNS service if you want to access your camera via a web browser outside of your network. Please configure the following parameters as indicated below.

10.1 Open the **Settings** tab on the top of the camera main page, then go to the **Network - IP configuration** section on the left side of the screen. Once there, uncheck the **Obtain IP DHCP** option. Ensure that the **Secondary DNS Server** is set to **8.8.8.8**.



IP Address: Set this in the same subnet as your computer, or keep it as default.
Subnet Mask: Keep it as default.
Gateway and DNS Server: Set it to the IP address of your router.



10.2 Enable **UPnP** and **DDNS** on the camera's **Network** settings page.
We recommend selecting the factory's default DDNS.

The screenshot shows two configuration pages side-by-side:

- UPnP** page: Shows a checkbox labeled "Enable UPnP" with the value "Yes". A button labeled "Save" is visible. A callout box says "Select Yes and click Save."
- DDNS** page: Shows a checkbox labeled "Enable DDNS" with the value "Yes". Below it, there are sections for "Manufacturer's DDNS" (with a field containing "ba0703.myipcamera.org") and "Third Party DDNS" (with fields for "D DNS Server" and "Domain"). A callout box says "Click Enable DDNS and click Save. The content in the Manufacturer's DDNS column is the domain name of your camera."

10.3 Click on the **Port** option under the **Network** settings. You can set the port of your camera here. If you want to enable the Remote Access feature for multiple cameras in the network, you will need to change the HTTP port of each individual device.

The screenshot shows the "Port" configuration page:

	Value
HTTP Port	88
HTTPS Port	443
ONVIF Port	868

10.4 If UPnP has been enabled in the router, you do not need to perform the following steps. However, if UPnP is disabled, you will need to select one of the following methods to configure the port forwarding function on your router.

- If the UPnP function is available in your router, find the forwarding menu and make sure the UPnP option is enabled.
- If there is no UPnP function in your router, the port (HTTP port) forwarding feature needs to be manually enabled through the forwarding and virtual server menus.

10.5 Now you can access your IP camera using the domain name address and port number with a colon in between, using the internet. For example: <https://abc123.myipcamera.org:88>.

FCC statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two 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.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC ID: X4YXPY12K01

