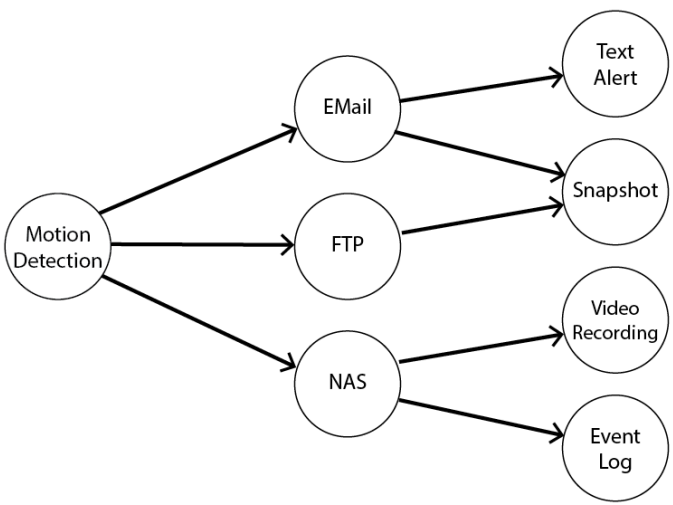
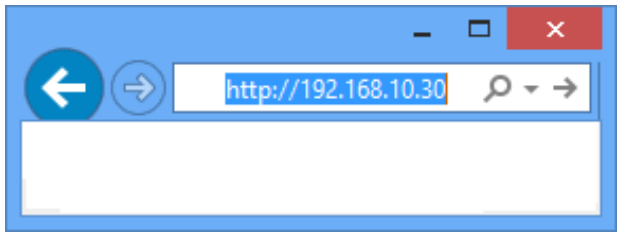
How to setup motion detection and get email alerts, snapshots and video recordings?

TV-IP311PI motion detection can trigger different events. You can receive text alert with email, with or without snapshot images. Upload snapshot images to FTP server. Or, record video on network attached storage (NAS). The complete event logs will be recorded if the NAS is properly setup.

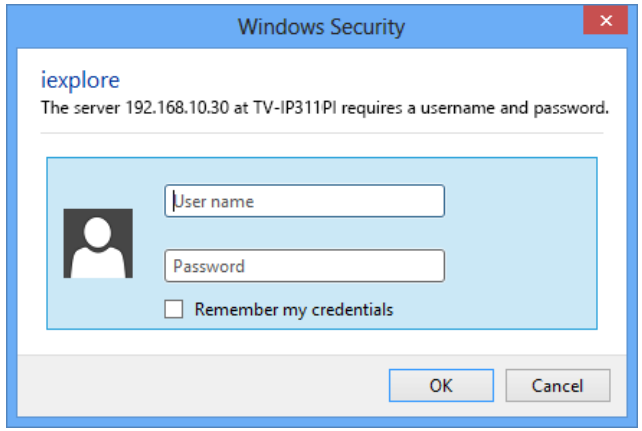


Login into web administration

1. Open the web browser on your computer. In the address bar, enter the IP address you setup through the setup CD or 192.168.10.30. (If you have a DHCP server on your network, the IP address will be assigned dynamically. For example, if you have a home gateway on your network and you plug-in the camera on the same network, you can find the camera IP address on your home gateway.) and then press **Enter**.



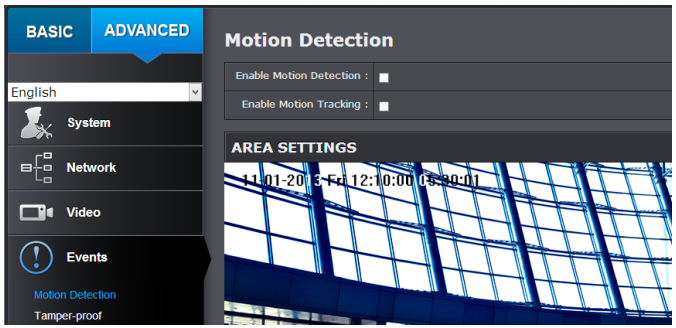
2 Enter user name with **admin** and the password you setup and then click **OK**.



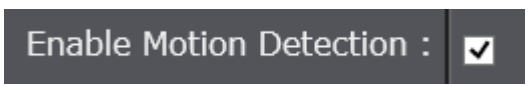
* If you access the web administration for the first time, you have to install browser plug-in before you manage your camera. The browser plug-in supports Windows and OS X systems. Not mobile browsers. See camera user's guide for more detail.

Setup motion detection

1. Go **Advanced > Events > Motion Detection** section.



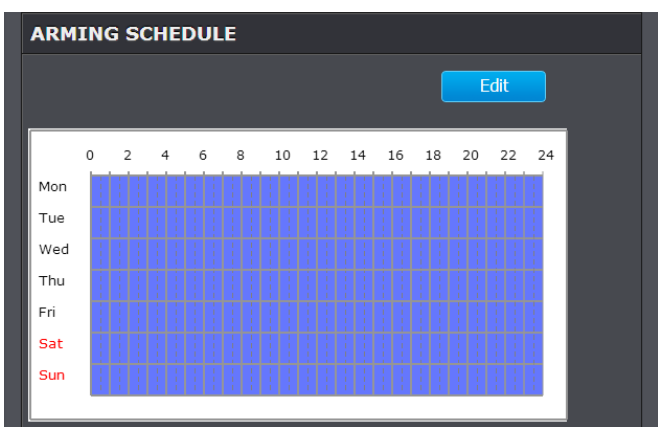
2. Check on **Enable Motion Detection**.



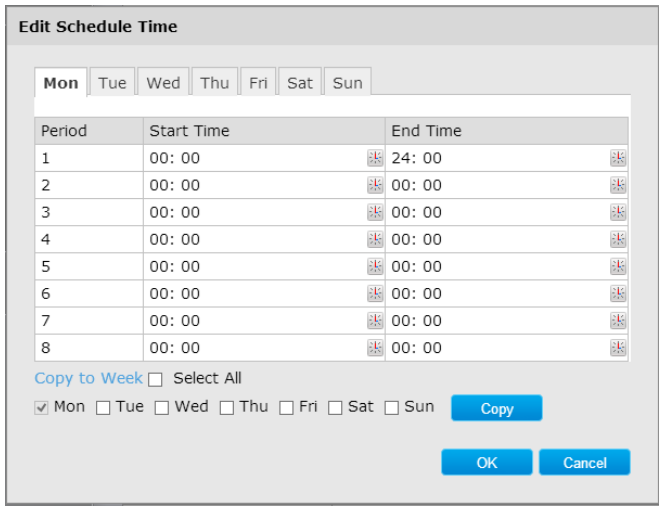
3. Click **Draw Area** and then draw the motion detection area on the picture.

Move the slider to adjust detection sensitivity. And then click **Save** to save the choice.

4. Define the arming schedule for the motion detection by click **Edit**.



Click **Save** again when you finish the arming schedule settings below.



1. Select day of the week you wan to edit on the schedule.
2. Set the time period you want to enable motion detection. (Default is 0-24 hours, all day).
3. Click **Copy to Week** if you want the same daily schedule everyday. Or, you can select other day of the week and click **Copy** to copy the schedule of the day to other days.
4. Select other day of the week by clicking on its tab to set next schedule. Click **OK** when you finished your setting.

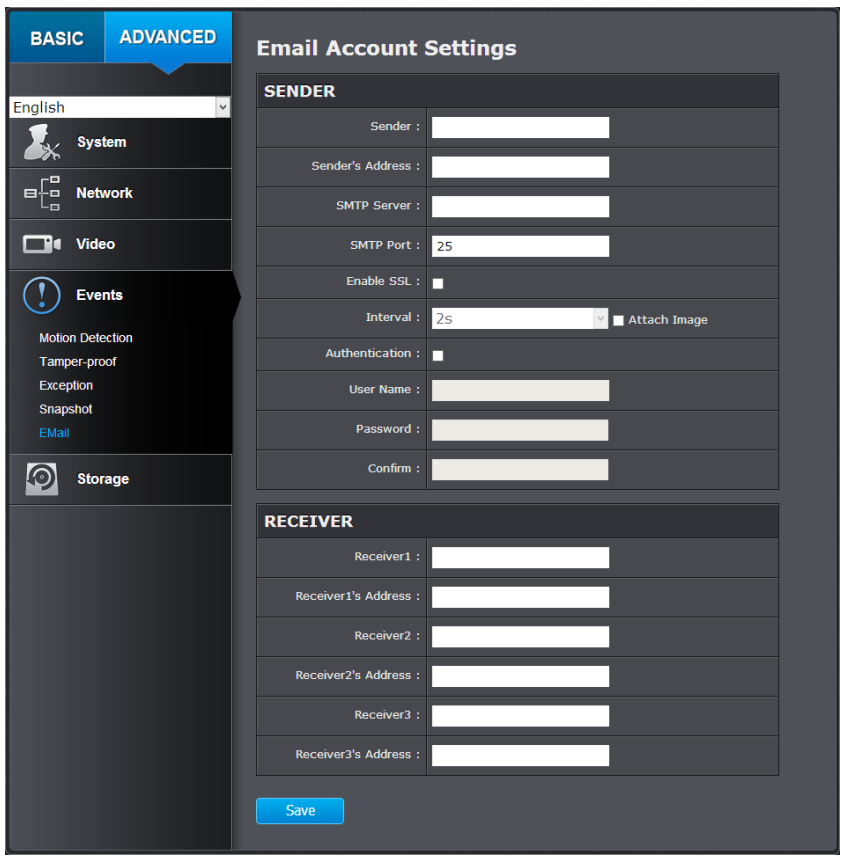
5. Setup how you want to handle the motion detection event.

Send Email:	Check this box to send an e-mail notification when motion detected.
Network Storage:	Check this box to record video to network storage when motion detected.
Upload to FTP:	Check this box to send snapshots to FTP server when motion detected.

Click **Save** to save the changes.

Setup email alert

Set up email accounts for notifications.



Sender

Sender:	Enter the name to be appeared as the email sender.
Sender's Address:	Enter sender's email address.
SMTP Server:	Simple Mail Transportation Protocol Server address, the outgoing email server address. It may be has address as your incoming email server, maybe not. Please ask your email service provider for detail.

SMTP Port:	Service port number for outgoing email.*
Enable SSL:	Check this box if your service provider requires a SSL secured connection.
Attach Image/ Interval:	Check **Attach Image** if you want to send a snapshot image with the email notification and select the interval of snapshots in seconds.
Authentication:	Check this box if your server requires a password in order to send email. Most email servers require authentication when sending an email.
User name:	Enter the user name of outgoing email account
Password:	Enter the password
Confirm:	Enter the password again to confirm that the password was entered correctly.

Click **Save** to save the changes.

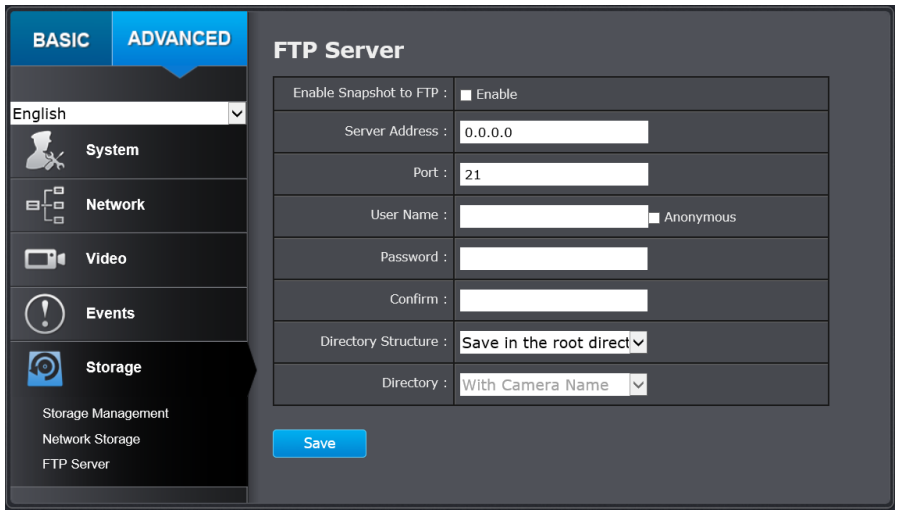
Receiver

Receiver 1:	The first receiver's name.
Receiver 1's Address:	The first receiver's email address.
Receiver 2:	The second receiver's name.
Receiver 2's Address:	The second receiver's email address.
Receiver 3:	The third receiver's name.
Receiver 3's Address:	The third receiver's email address.

Click **Save** to save the changes.

* Many ISPs does not allow service port 25 going through their network. Other popular ports are 587 and 465. Please consult your email service provider and ISP for detail.

Setup FTP server



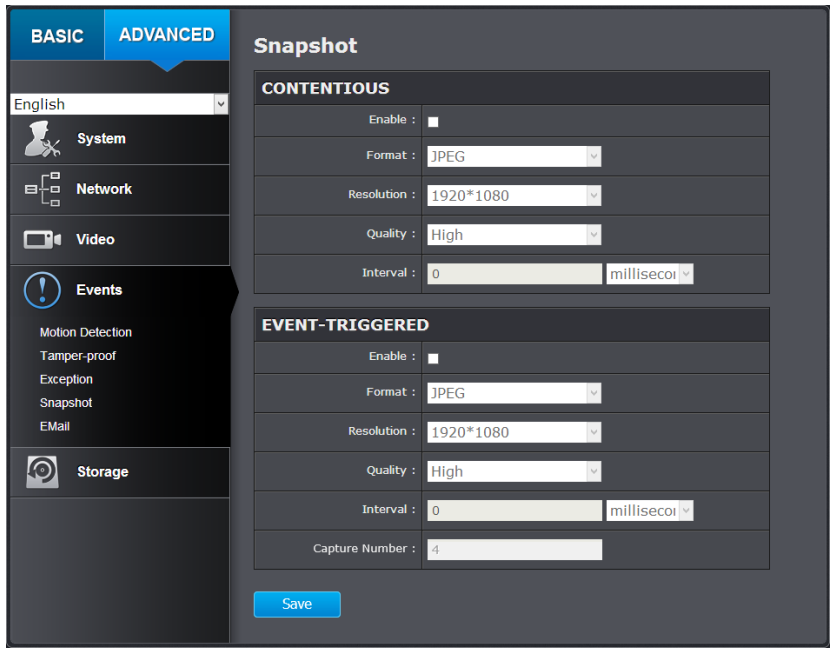
Enable Snapshot to FTP:	Check this box if you want to store snapshots on the FTP.
Server Address:	Enter the FTP server IP address.
Port:	Enter the service port number of the FTP server.
User Name/ Anonymous:	Check Anonymous if the FTP server does not require authentication. Enter the **User Name** if the FTP server requires authentication.
Password:	Enter the password of the FTP account.
Confirm:	Enter the password again to make sure the password was entered correctly.

Directory Structure: With Camera Name / With Camera IP addres	When saving snapshots on an FTP server, they can be saved in a single place or organized with meaningful directory names. • **Save in root directory:** You can choose to store all files in the same folder of FTP login. • **Save in directory:** Structure your folders with camera name or IP address.
Directory:	• **Use Camera Name:** Use the camera name to organize the saved files. • **Use Camera IP:** Use the camera IP address to organize the saved files.

Click **Save** to save the changes.

Setup Snapshot

You have to enable the event triggered snapshot to get pictures.



Event triggered

Enable:	Check this box to take snapshots.
Format:	Save snapshots in JPEG format
Resolution:	Using the same resolution set in **Video Format** for snapshot resolution.
Quality:	Choose one of the compression quality for snapshot.
Interval:	millisecond / second — State the time interval between this series of snapshots. The default interval is 1 second.
Capture Number:	State how many snapshots you want to take in a single triggered event. Default: 3 pictures.

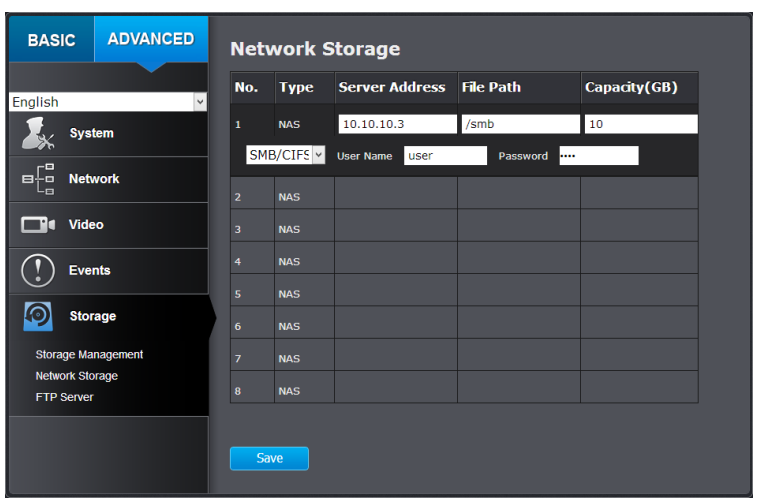
Click **Save** to save the changes.

Setup NAS

* You have to setup **Network Storage** before manage them. For storage management, please refer to the next section.

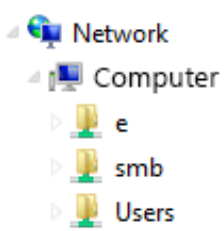
The TV-IP311PI supports two format of network storage file systems: NFS and CIFS. NFS, Network File System, is natively supported by Linux computers and most NAS, Network Attached Storage. CIFS, Common Internet File System, is natively supported by Windows® system and now generally supported by Linux and OS X®.

You can add up to 8 network storages for your camera. The recording will stored in these spaces subsequently. Saving from the first storage and then the next when the first one is full. Click on the entry to change the settings and click **Save** to save the storage.



No:	The sequential number of the network storage.
Type:	The type of storage.
Server Address:	Enter the IP address of your network storage.
File Path:	Enter the file path on the server for network storage.
Capacity:	Enter the size of the disk space you want to assign for this storage. The minimum disk space requirement is 10GB. If you do not want to limit the size and use the full physical disk space, put number 0 in this field.
File System: NFS SMB/CIFS	Choose between NFS or CIFS for file system. If you assign the network storage on your Windows® computer, set it to CIFS.
User Name:	Enter the user name if the network storage requires authentication. Leave it blank if no authentication is required.
Password:	Enter the password to access the network storage.

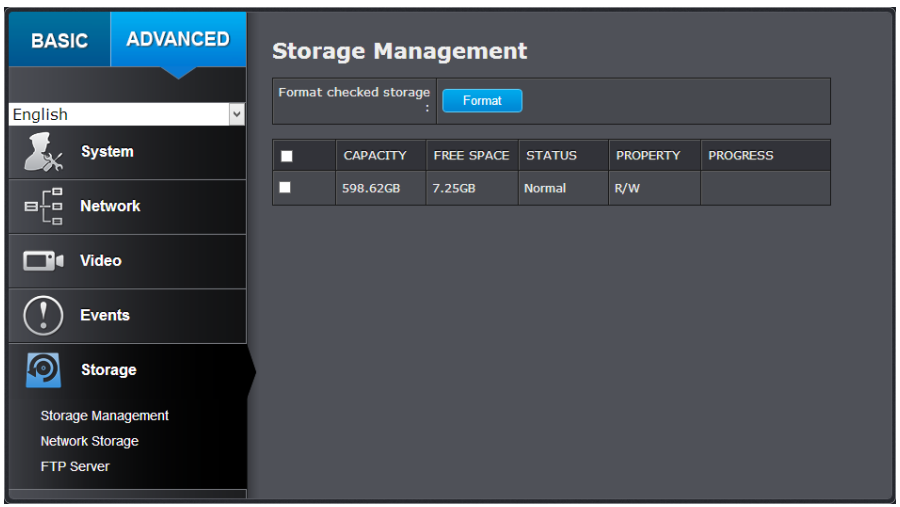
Click **Save** to save the changes. The camera will reboot to make the network storage available. Go next section to format and manage your network storage.



Tip: To create a network storage on your Windows® based system, create a shared folder and then test your set up with another computer. Enter the IP address of the computer here and enter the shared folder name with leading slash. For example, if you have a shared folder named “SMB”, enter the “/SMB” in the **File Path**.

Storage Management

* You have to setup **Network Storage** before manage them. Please go to the next section to setup your network storage first.



Format:	Select a network storage and then click **Format** to format your network storage. This "format" is similar, but not the same as the disk format. Format your network storage will allocate and write formatted documents on the assigned network storage for quick searching and logging.
Capacity:	The total capacity this network storage can use.
Free Space:	The free space left for video recording, snapshot and log.
Status:	The connection status to the network storage.
Property:	This network storage is read only or can be read and write.
Progress:	The progress of ongoing job.

Advanced Settings

For advanced features and detailed settings, please refer to the TV-IP311PI User's Guide on the CD.

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