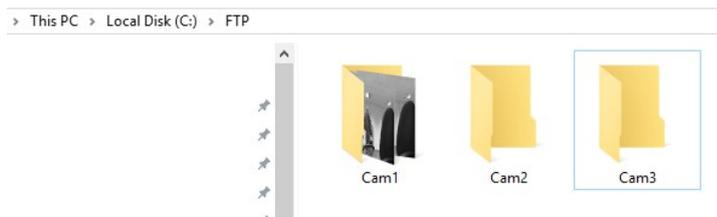# How to configure a Snapshot using an FTP Server

Most IP cameras have a snapshot feature which can be triggered by an event. However to access the images requires an FTP server that can upload the images to a desired storage location. In this guide we will use the open source Filezilla Server software.
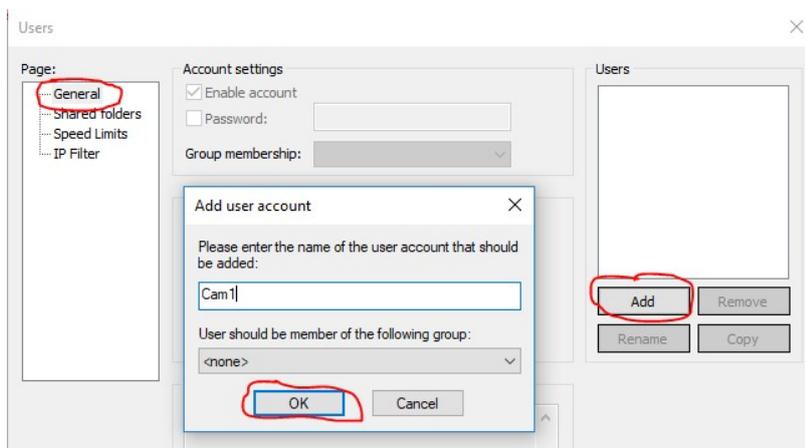
1. Download and install Filezilla Server, ideally on the PC where you want to store the images.
    https://filezilla-project.org/download.php?type=server

2. When first run you will have a Logon screen. This is purely for the FTP interface so only set a password if required.

3. If you are using this for multiple cameras it is possible to set up a folder for each camera. This will make it easier to review the images later. To do this go to Windows File explorer and open a directory in your desired storage location.
    In my example I have created an FTP folder on the C: drive. Within this folder I have created sub folders for each camera that I wish to receive snapshots.
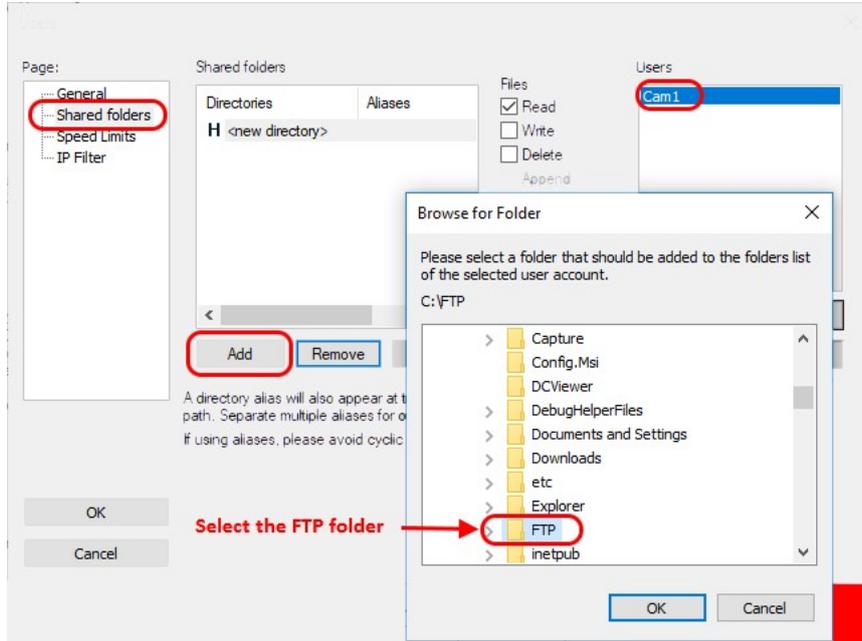

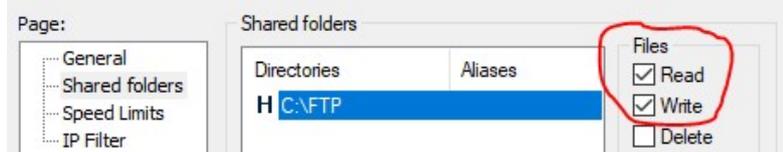4. Login and Connect to the Filezilla GUI and select the "Users" tab

5. Select the "General" Tab and Add a user(s) to the list. You must ensure that you take note of the name and any password which will be CaSe sensitive! For my first account I am adding the user as Cam1. Tick the password checkbox and enter a password if desired. In my example I am using 1234
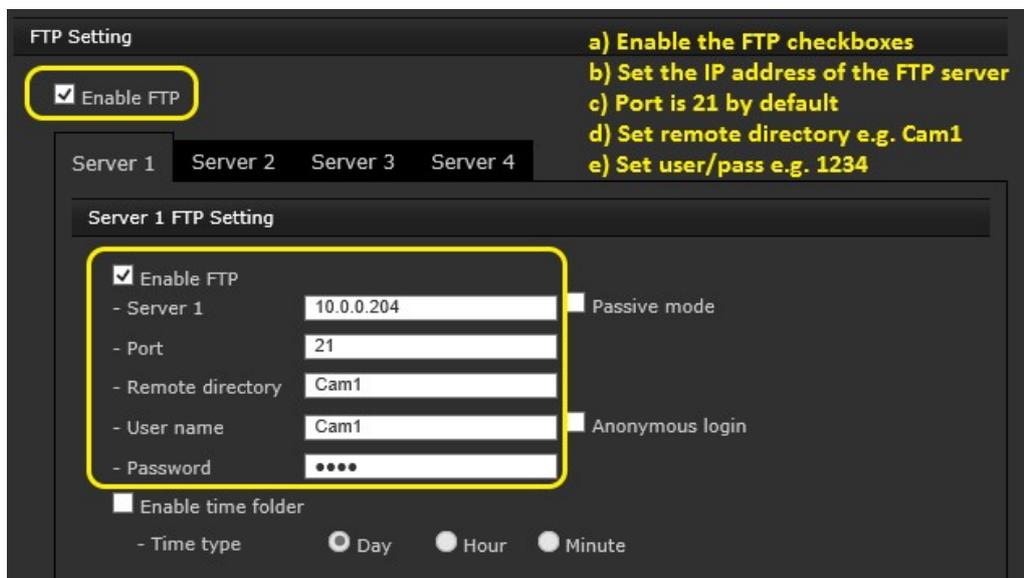
6. Next we need to associate this user with a folder. Select "Shared Folders" and with the Cam1 user highlighted click on Add.

Once set ensure that under the files option that Read and Write are enabled.

7. Next we need to configure the camera. Different models may be different but the same basic principles will follow.
In the example I am using a V922B-W39MIR-A camera.
Browse to the Camera settings using Internet explorer, Login and go to "Event Out" which is under Events.
Select FTP and JPEG and enter the required details as shown in the example.

8. The lower part of the window deals with pre and post event and is purely down to user preference. You may wish to change the Prefix file name to something more friendly i.e. Cam1

9. Next, click on Event Map at the side of the window. Here we can link our event with the FTP trigger.

You are now ready to test. It maybe easier at this stage to set up a manual trigger just for testing. If successful then you can see the event appear in the Filezilla GUI window and your snapshot image should be in the desired folder.
Should you have a problem this will also be shown in the window.

10. The above process can now be repeated for additional cameras remembering to use a different remote directory i.e. Cam2. Some models of Camera may not have the remote directory setting. In that case set up a specific user name for this type of camera.

11. The Filezilla Server runs as a service within Windows so the user interface (GUI) is not always visible but it will still be working in the background. If for any reason the camera fails to connect and your settings are correct try restarting the Filezilla Server service via Task manager.