

Camera Cameleon Quick Reference Guide

Starting the Cameleon Server

1. From **Windows desktop**, click on the shortcuts for the necessary Cameleon drivers first. Accept default settings and click **OK**. (Standard Cameleon drivers can include: Pelco PTZ, Pelco MPEG, NTCIP DMS, IP Monitor, External Monitor).
2. Click on the **Cameleon server shortcut** and choose **RUN**.

Starting the Cameleon Client

1. From **Windows desktop**, click on the **Cameleon Client shortcut**. Enter your username and password and click **OK**. You will see the pop up logging onto the server and syncing up the drivers.
2. A pop up asking, “**would you like Cameleon to auto generate a workspace**” will be displayed. Click **YES**.
3. After that, you should now have access to all the cameras and have 9 display windows showing.

Camera Cameleon Quick Reference Guide

Integrating a CCTV into Cameleon Server

1. Click on your **Cameleon server shortcut** and choose **CONFIGURE**. Enter the Administrator username and password and click **OK**.
2. On the **left plane** expand **Device Drivers**, then click on the **Pelco PTZ Camera Driver**.
3. Click on **Devices** and then double-click on **ADD NEW DEVICE**.
4. Under the **GENERAL** tab, add the desired location and description of the PTZ camera being installed.
5. Under the **COMMUNICATIONS** tab, click the **radio button for Internet Protocol**. Under **Settings**, your Local IP will be that of the Cameleon Server. Local Port stays default and change the protocol to **PELCONET**. Remote IP will be that of the encoder this camera is connected to. The Remote Port will default to that of the Cameleon Server, then verify the CCTV address in the **Misc settings**.
6. Under the **CAMERA MODEL**, tab select the make / model / protocol of the CCTV being installed.
7. Click **OK** then move into creating an Encoder to finish this operation.

Integrating a Encoder into Cameleon Server

1. In the **Cameleon Server**, expand **Devices** and locate the **PelcoNet MPEG driver**. Expand the driver and click on **PelcoNET 3xx Encoders**.
2. Double-click on **Add New Device** under the **GENERAL** tab and enter the Name and Description on the encoder being installed.
3. Under the **COMMUNICATIONS** tab, simply enter the IP of the encoder and accept all default settings for everything else.
4. Refer to Video Connections selection to complete this task.

Camera Cameleon Quick Reference Guide

Connections

Quit tip: The concept behind making “Analog Video Connections” is every CCTV needs to be pointed at an encoder, and every decoder needs to be pointed at an INPUT on the video wall.

1. In the **main server setup screen**, click on the **CONNECTIONS** section and double-click **Analog Video Connections**.
2. From here you will see a list of all your PTZ CCTV / Decoder (outputs) and all your Encoders / Video Wall screens (INPUTS).
3. Depending on your naming scheme this can go many different ways, so this is an example; PTZ1 connects to ENC1, then DEC1 connects to WALL1.
4. Make all your connections using the “**Connect**” button on the top of the menu and then go to **File** and **Close**.
5. From the **main server setup screen**, go up to **File** and then **Save**.

Camera Cameleon Quick Reference Guide

Creating Groups

1. First start with adding the desired group, then make users.
2. From the **server setup main page**, click on **“User Groups”**.
3. Double-click on **“add new user group”**.
4. Add the desired name and check each and every permission that you want any user in that group to have; PTZ, viewing, map access, edit presets, etc.
5. Once all desired settings are picked just click **OK**.
6. Remember you can always go back and edit the Group settings.

Creating Users

1. From the **server setup main page**, click on **“Users”**.
2. Then double-click on **“add new user”**.
3. Enter the user name and passwords for that account and a brief description if needed, then click on the group to be assigned.
4. Final setting will be the priority of the account. 99 being the highest and 1 being the lowest. (admin accounts should have highest priority).
5. Once done, click **OK** and your all set.

Camera Cameleon Quick Reference Guide

Creating and Adding Clients

1. From the **server setup main page**, click on **“Clients”**.
2. Then double-click on **“add new client”**.
3. Enter the computer name, then the default user.
4. Once done, click **OK** and expand the **new client**.
5. Click on **“add new window”** to create the desired amount of windows wanted to view cameras.
6. Enter the name of the window; Win1, Win2, Win3, etc. Accept default settings for the rest of the options and click **OK**.
7. Expand the newly created window and click on **“add new canvas”**.
8. A canvas is based off of the type of encoder and decoder you are using to stream your video.
9. Add 1 canvas per window each. Select the **PelcoNet MPEG Series** and click **OK**.

Camera Cameleon Quick Reference Guide

Creating Maps and Integrating CCTVs

Quick Tip: Whether you are trying to make a map for a video wall or a map to represent the field. Each map is just a pic screen shot from Google Maps or a JPEG made in Windows Paintbrush. Any JPEG can be used to drag and drop CCTVs and DMS signs so it's a matter of user preference.

1. Once you've got a pic that you want to use for a Cameleon map, go to the **server configure setup**.
2. Click on **Maps**, then double-click "**add new map**".
3. Enter the name desired, and then browse to the file location of the pic to be used.
4. Once done, click **OK** and drag and drop the map onto the blue part of the screen that says "**No Map Selected**".
5. Once your pic / map is displayed, you can now drag and drop your CCTVs or Video wall icons.

Quick Tip: If you made a map to represent the video wall, then you want to drag and drop your wall "devices" from your external monitor driver". If you're trying to create a map to represent the field, then you want to drag and drop the CCTV "devices" from your "Pelco PTZ Camera Driver".

Camera Cameleon Quick Reference Guide

Decoders and External Monitors

1. From the **main server configure menu**, expand the **PelcoNet MPEG Driver**, than expand the **PelcoNet 3xx Decoders**.
2. Double-click on **“add new device”**.
3. For the decoders, you simply just assign a name and add the IP of the decoder device.
4. Once done, click **OK**.
5. Then expand **External Monitor Driver**, than expand **Devices**.
6. Click on **“add new device”**.
7. Simply give the device a name and accept default settings.
8. Once done, click **OK**.
9. After that is all done, you will need to make you connections and connect decoders to external monitor devices.