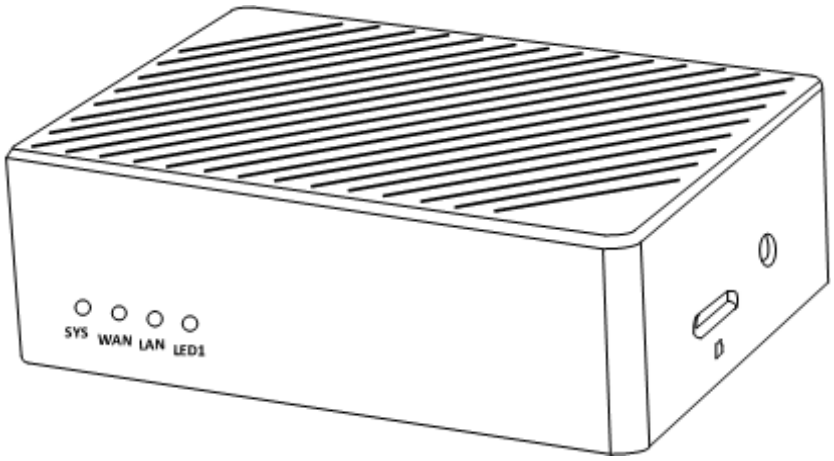
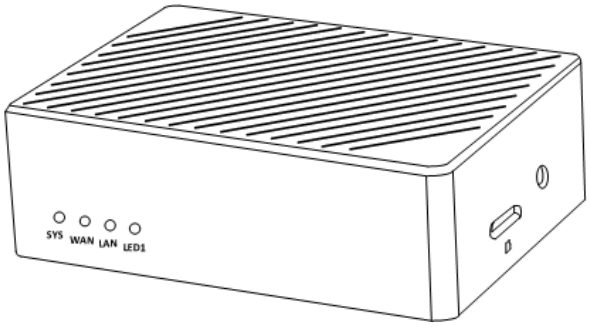
QUICK START GUIDE V1.2

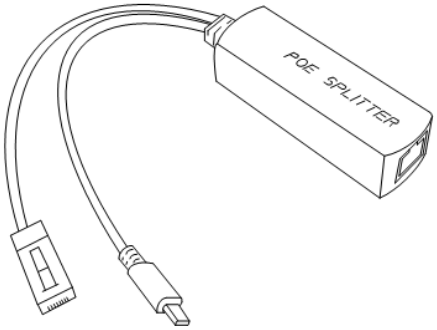
CAMVIEWER-ONE



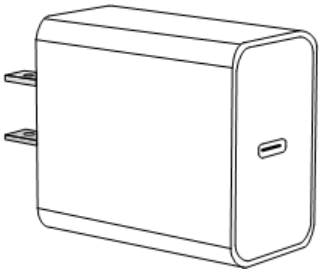
Packaging list



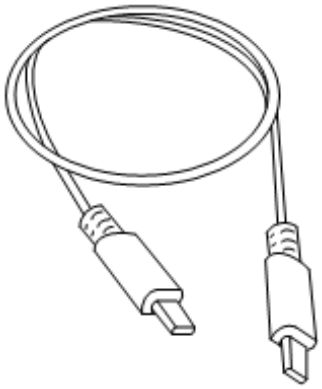
1 CAMVIEWER-ONE



1 Gigabit POE Splitter USB-C

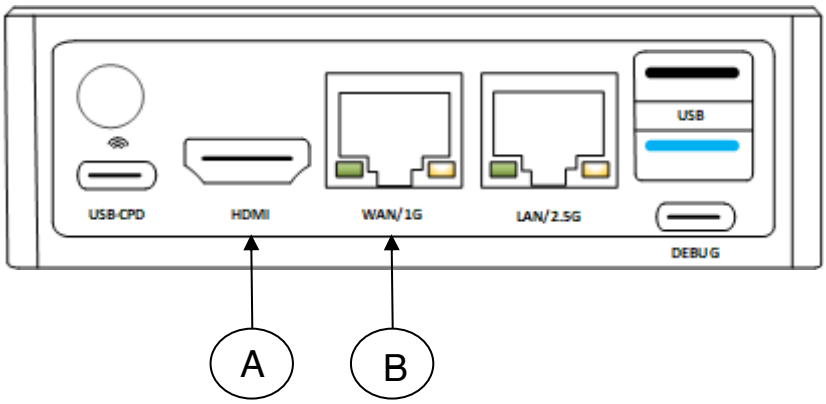


1 type USB-C power supply



1 USB-C/USB-C mini cable

How To Plug In



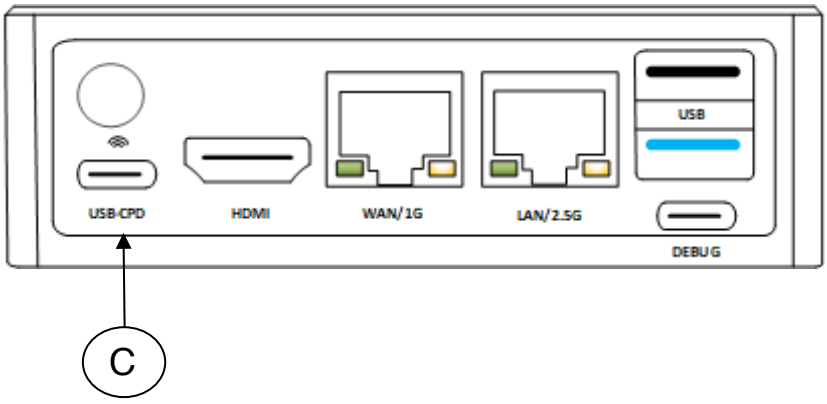
STEP #1: First, connect your HDMI cable (not included) to your CamViewer (“A” in the diagram above) and plug the other end of your HDMI cable into any available HDMI port on your TV or monitor.

STEP #2: Next, plug your Ethernet cable into the included POE Splitter and plug the RJ45 (part of the POE Splitter) into the WAN 1G port on your CamViewer (“B” in the diagram above).

STEP #3: Make sure your TV or monitor is turned on before

supplying power to your CamViewer. Supply power to your CamViewer by either connecting the USB-C cord that is part of your POE splitter into the USB-CPD port on your CamViewer ("C" on the diagram below) -OR- plug the included power supply into the USB-CPD port on your CamViewer ("C" on the diagram below). In either case, the CamViewer will automatically turn on once power is supplied.

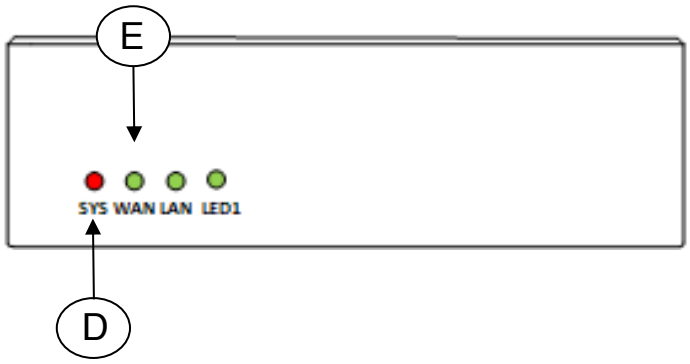
IMPORTANT: The POE option requires that you have a 802.3 compliant AF, AT, or BT switch. Otherwise you'll need to use the *included power supply and you'll need to plug your Ethernet cable directly into the WAN 1G port on your CamViewer.*



NOTE: Assuming both your TV / monitor and CamViewer are all powered on, and assuming your HDMI cable and your TV / monitor are both HDMI 2.1 compliant, the proper channel on your TV or monitor will be selected automatically. (If not 2.1 compliant, you may have to manually change the source / input on your TV / monitor to the correct HDMI input / port.)

Getting Started

First, you should see the red "SYS' LED light turn on ("D" in the diagram below). It will flash twice each second while the OS is running. If not, there may be a problem.



Next, the green "WAN" LED ("E" in the diagram above) should automatically turn on and stay on as long as the Ethernet cable remains plugged into the WAN 1G port of the CamViewer and your network switch.

Next, within approximately 30 seconds of booting up, the CamViewer will display its firmware version, its UUID, and the local IP on the connected TV / monitor. (The CamViewer gets an IP from your DHCP network.)

We recommend writing down the displayed IP address and at least the last few digits of the UUID, both of which will help you during subsequent steps.

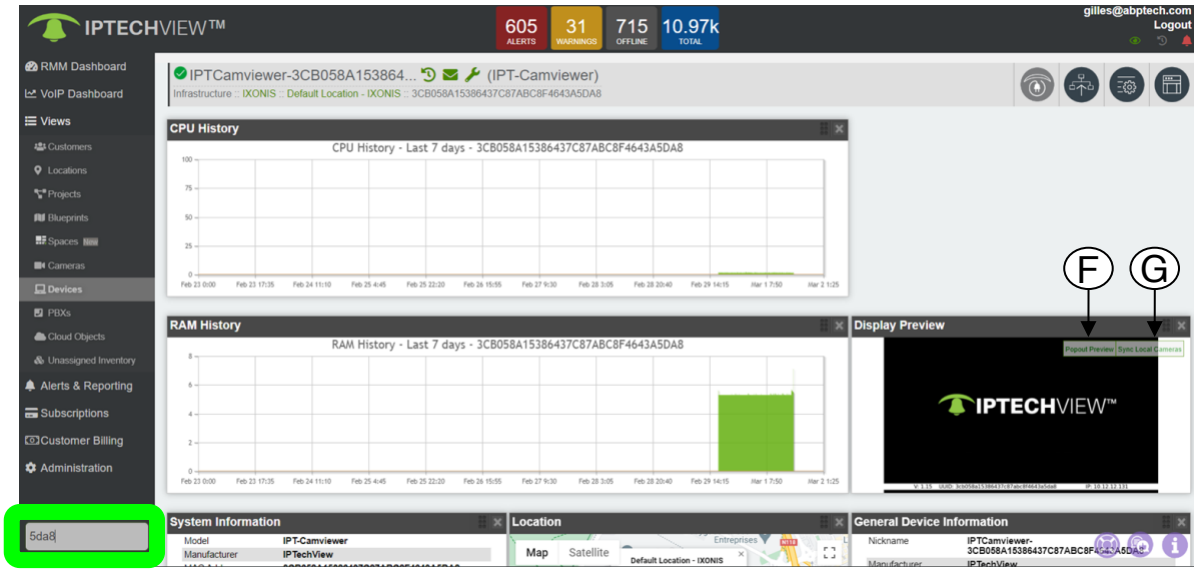
NOTE: If the CamViewer automatically reboots (sometimes twice) it is most likely automatically updating its firmware and may take a few minutes. It’s completely normal and will add the latest features.

Using Your
CamViewer with Powered By IpTechView

Log on to your account: https://rmm.iptechview.com/LoginZuum

In the "Search" box (lower left hand), type in your UUID or at least the last few digits, and press enter.

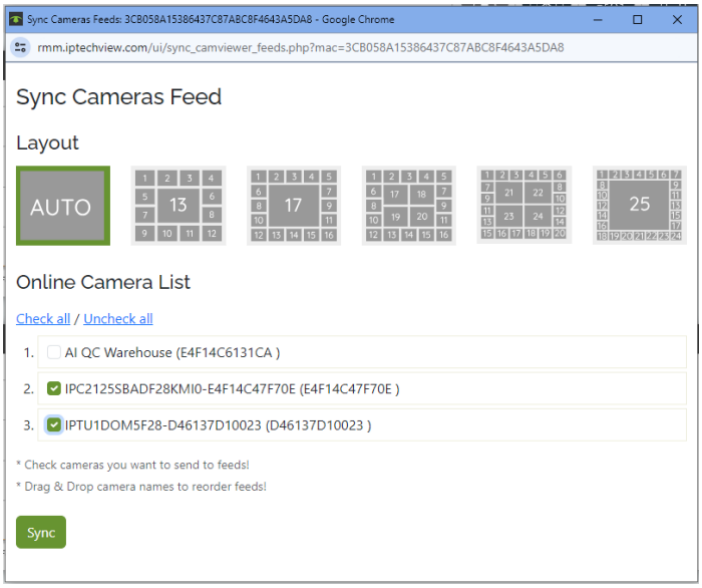
When Powered By IPTechView finds your CamViewer, its screen should be visible in the "Display Preview" window typically in the lower right hand part of the webpage. You should also see a "**Popout Preview**" button ("F" in the diagram below) and a "**Sync Local Cameras**" button ("G" in the diagram below).



First, "**Sync Local Cameras**" synchronizes your cameras in your Cloud account with the CamViewer.

Next, "**Popout Preview**" will then display whatever streams are connected to your CamViewer. (If you don't first "Sync Local Cameras" then you will only see the Cloud screen.)
During the "Sync Local Cameras" stage, you have the option to customize your camera stream layout.

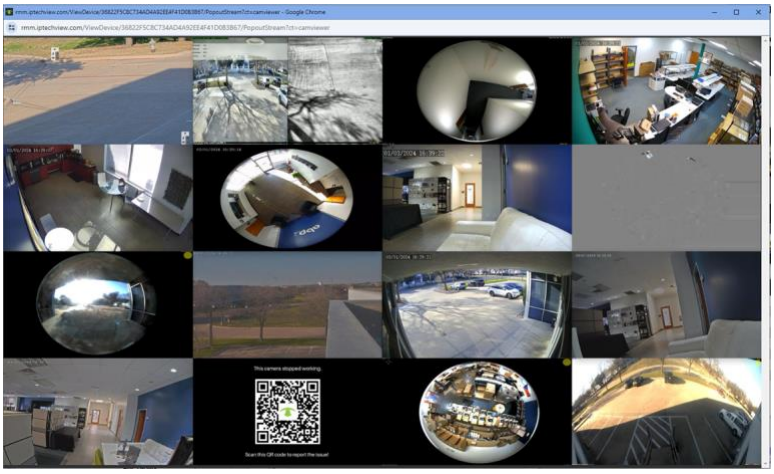
Using "AUTO" layout (see diagram below) you can select from one camera up to twenty five cameras to be displayed on one screen.



If you want to select a different standard layout of say "13", "17", "20", "24", or "25" feeds you can select the corresponding layout box but you must select as many cameras from your "Online Camera List" as there are thumbnails in the layout you decide to choose. (See diagram above)

Once your choice is made, press the green “SYNC” button and your cameras will sync / connect to your CamViewer.

To verify that everything synced correctly, click the “Popout Preview” button (“F” in the previous diagram).



Manual Camera Feed

What if your cameras aren't managed on the Cloud? What then? Good news - you can *manually* add your non-IPT managed camera feeds to your CamViewer using one of two methods:

Option A (Device Settings Icon):

Select the Device Settings Icon on the right top of the Cloud platform, select "View Settings" in the new window, and select "Feeds".

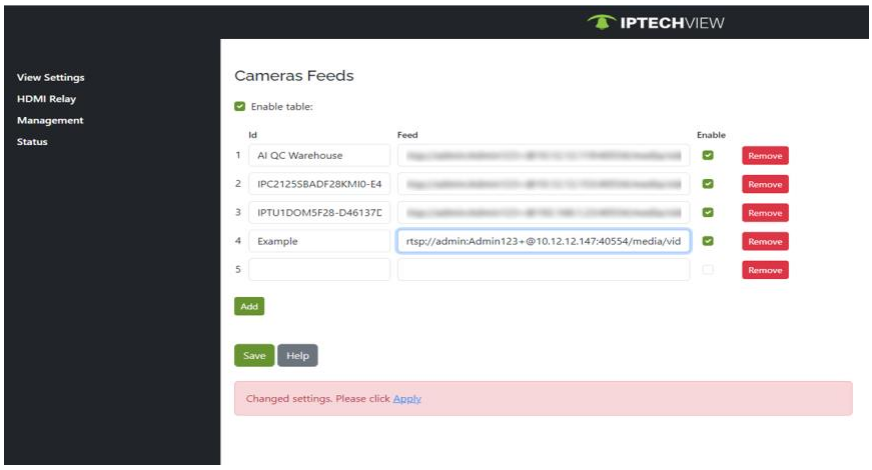
Next, choose an empty row and enter a name or alias in the "ID" field.

In the "Feed" field you will need to modify the appropriate "Stream URL" string (see examples on the last page of this manual).

For example, if you were manually adding a GV Series camera you would substitute your device Username, Password, and IP address in the template Stream URL string below:

Example: rtsp://admin:Admin123+@10.12.12.153:40554/media/video1

Lastly, be sure to click the "Enable" check box next to each Stream URL, press "Save" and finally "Apply".



Option B (From the local IP):

Alternatively, locate the CamViewer's local IP address (recall the IP address is displayed upon boot up or you can retrieve it from the Cloud platform itself under the device's (CamViewer's) "System Information" section.

Next, using your preferred web browser, insert the CamViewer's IP address into the url field and press enter. This will take you to the CamViewer's GUI.

NOTE: By default, device login credentials are: admin / admin

Lastly, fill in the camera feeds the same way as you would using the device settings icon.

That is, choose an empty row and enter a name or alias in the "ID" field.

In the "Feed" field you will need to modify the appropriate "Stream URL" string (see examples on the last page of this manual).

For example, if you were manually adding a GV Series camera you would substitute your device Username, Password, and IP address in the template Stream URL string below:

Example: rtsp://admin:Admin123+@10.12.12.153:40554/media/video1

Lastly, be sure to click the “Enable” check box next to each Stream URL, press “Save” and finally “Apply”.

Stream URL Example

AXIS

rtsp://root:pass@192.168.0.17/axis-media/media.amp

GV Series

rtsp://admin:Admin123+@10.12.12.147:40554/media/video2

Hanwha/Wisenet

rtsp://admin:Admin123+@10.12.12.169:40554/0/profile2/media.smp

FANVIL

rtsp://admin:admin@10.10.10.104/h264/stream.live0

Troubleshooting

- I have access to the display preview on Cloud, but when I select Synchronize local cameras, I cannot see my cameras.

First

Check the IP range of your Camviewer that must be in the same network range of the cameras.

The Camviewer must obtain an IP address from DHCP in the same network range as the cameras.

If your network uses a static IP range please contact Powered By IPTechview support to fix these settings.

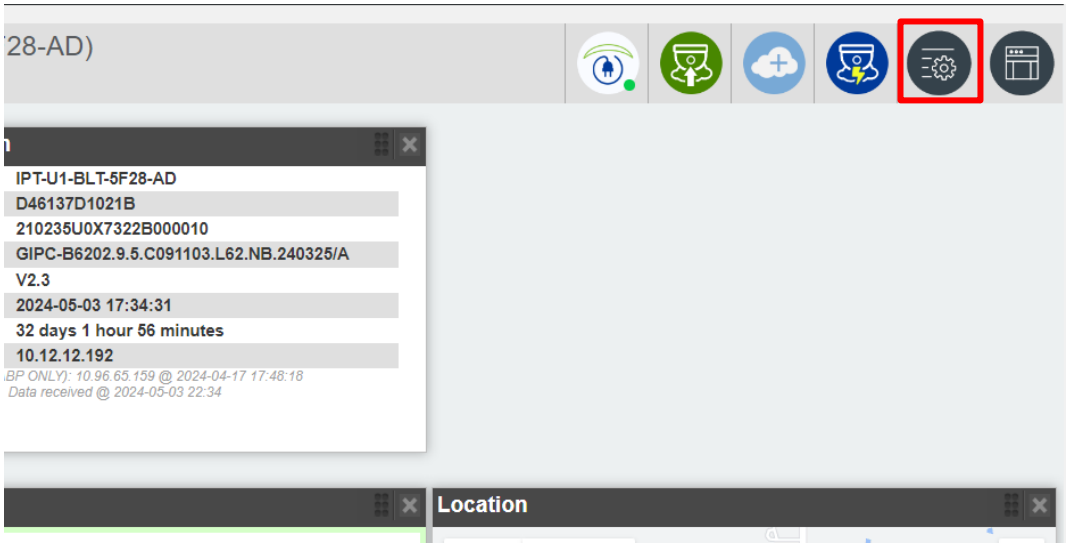
Thank you for providing the UUID (MAC) of the Camviewer, the Cloud customer name, the IP address, Mask, gateway, and DNS desired.

Second

Check if the Camviewer is on the same Location on Cloud as the cameras.

- All my cameras are in a good Location on Cloud and all have the same network range as Camviewer however I cannot see all or some cameras.

  For GV Series Camera Check if on Powered By IPTechView in the tab Edit device if the RTSP stream is well enabled.



Enable RTSP Stream if it is not enabled the stream should appear in a few minutes generally less than 6 min.