



VIP-CAM-5-4K-USB2

Auto Tracking EPTZ Camera

Quick Start Guide



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Specifications

- High quality CMOS image sensor, up to 3840x2160@30fps video output;
- High quality 4K ultra wide angle lens, no distortion;
- MJPG, YUY2 video coding;
- Manual image adjustment;
- EPTZ function;
- Built-in MIC audio input;
- UVC communication protocol;
- Standard Micro USB2.0 interface

SDI / HDMI video output formats:

- 3840*2160
- 1920*1080
- 1280*720
- 1024*768
- 800*600
- 640*480
- 320*240
- etc.

What's in the box

- Camera
- USB Cable

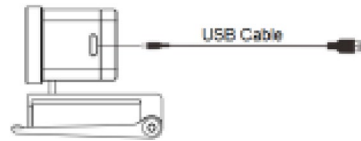
Product Description:

The **VIP-CAM-5-4K-USB2** 4K display mounted camera features high-quality electronic pan, tilt, zoom mechanisms, high-performance optics, and a built-in microphone. With a USB 2.0 output, this plug and play camera is an excellent fit for broadcasting 4K video signals in conferencing, education, training webinars, online meetings, and many more applications.

Installation(s)

Hardware Installation(s)

****Before installing the camera onto a monitor/tripod plug in the USB cable into the camera.**



1. Hinge Bracket Mounting

- Place the camera holder onto the monitor and fix it to the monitor by adjusting the holder on the bottom/back of the camera.

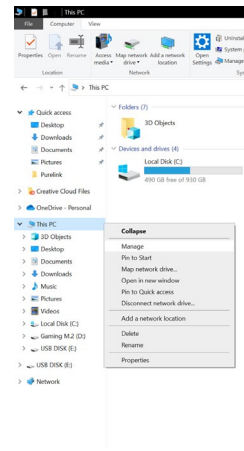


2. Tripod Mounting

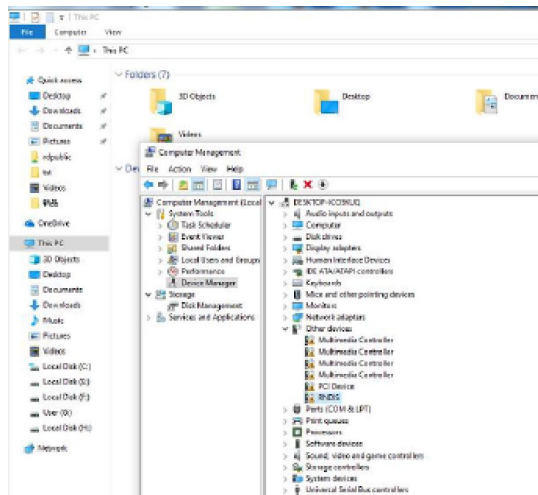
- Located on the bottom of the camera's hinge there is a hole. Place a tri-pod screw into this hole and mount the camera to the tri-pod via a mount.

USB to Ethernet Driver Installation

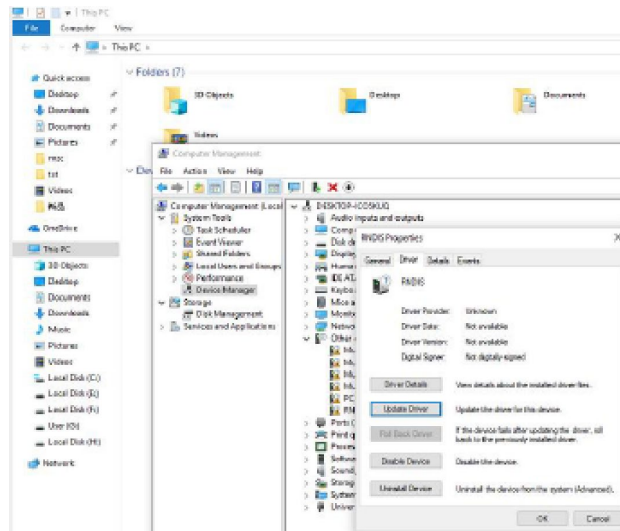
1. Save linux.inf file onto your PC (USB to Ethernet), the directory can be your PC name / C: or D: /USB tools/. **If your operating system is Windows 10**, please refer to the instructions labeled “Windows 10 USB to Ethernet Driver Configuration” to configure properly before installing the driver.
2. Connect PC and the camera via a USB cable
3. Manually install the driver by following the steps shown in the visual below or the written instructions
 - a. Open File Explorer, Right click “This PC”, left click “Manage”, select “Device Manager”



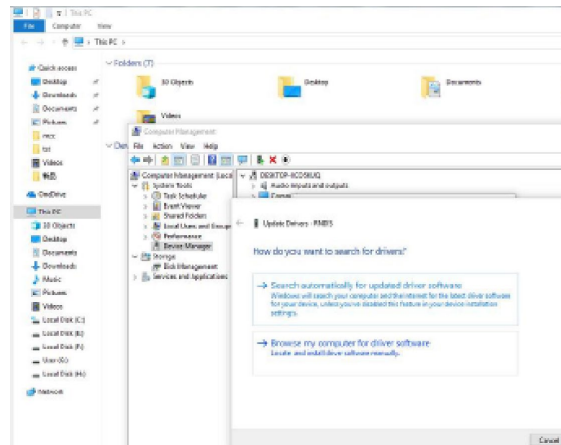
- b. Open “Device Manager”, left click the drop arrow under “Other Device”, and double click “RNDIS”



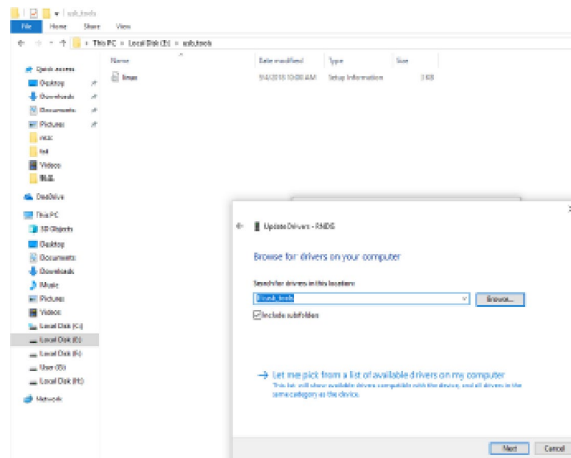
c. Left click “Driver”, under “Driver” left click “Update Driver”



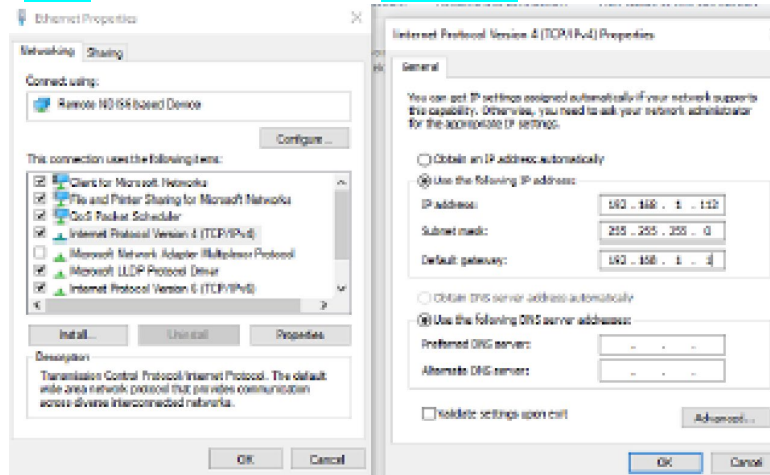
d. Left click “Browse my computer for driver software” to search for drivers



e. Choose the directory where the linux.inf file was saved during Step #1, then left click “Next”. The driver will be installed automatically, after the installation is complete, from “Ethernet Properties”, if “Remote NDIS6 based Device” has appeared, then the driver has been installed successfully.

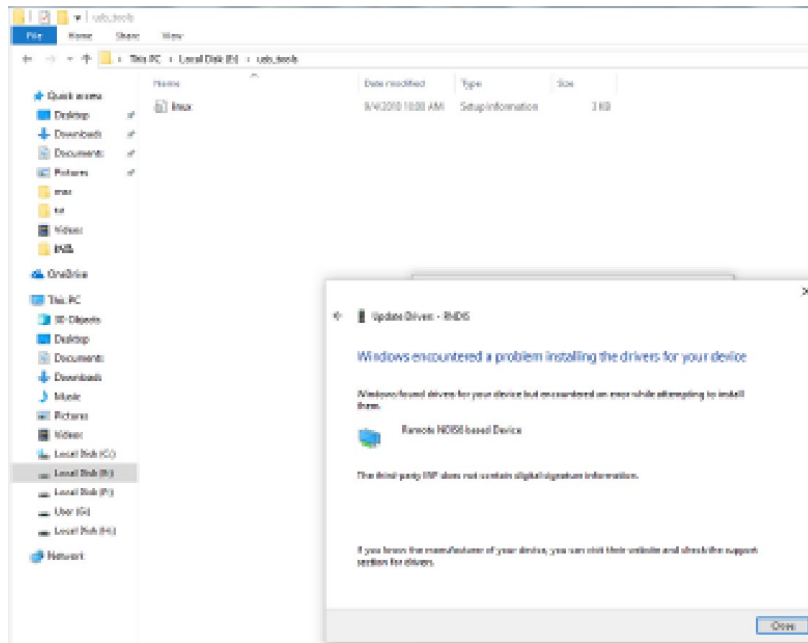


f. From “Ethernet Properties”, configure the IP address of “Remote NDIS6 based Device” to the same network segment as the camera’s IP address. The camera’s default IP address is 192.168.1.10, you can configure your “Remote NDIS6 based Device’s IP” as 92.168.1.112 for example (Note: Highlighted numbers must be in IP)



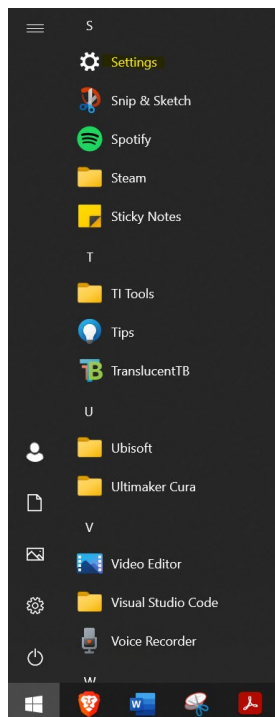
USB to Ethernet Driver Configuration Windows 10 OS

**If your operating system is Windows 10, after the USB to Ethernet driver has been loaded and installed, there will be a prompt window below showing, “The third-party INF does not contain digital-signature information.”

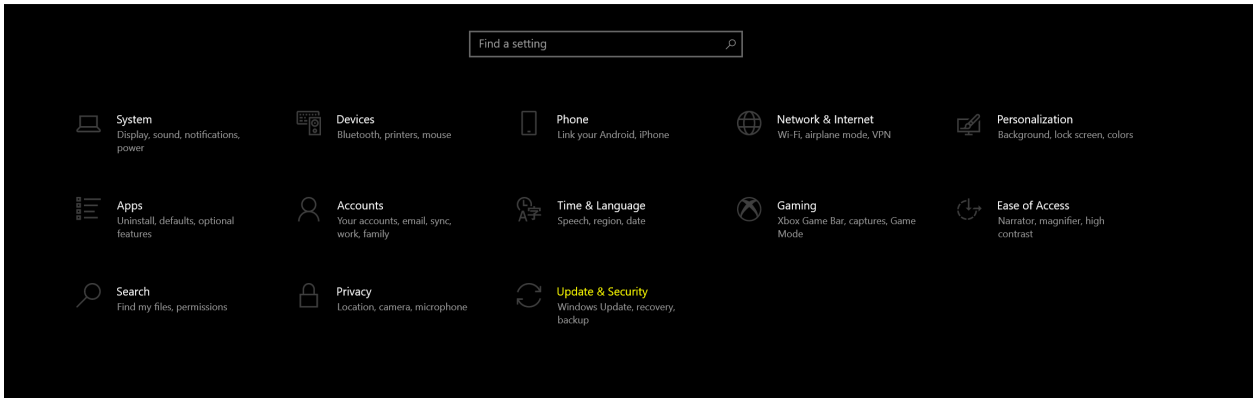


Please follow the instructions below to solve this problem.

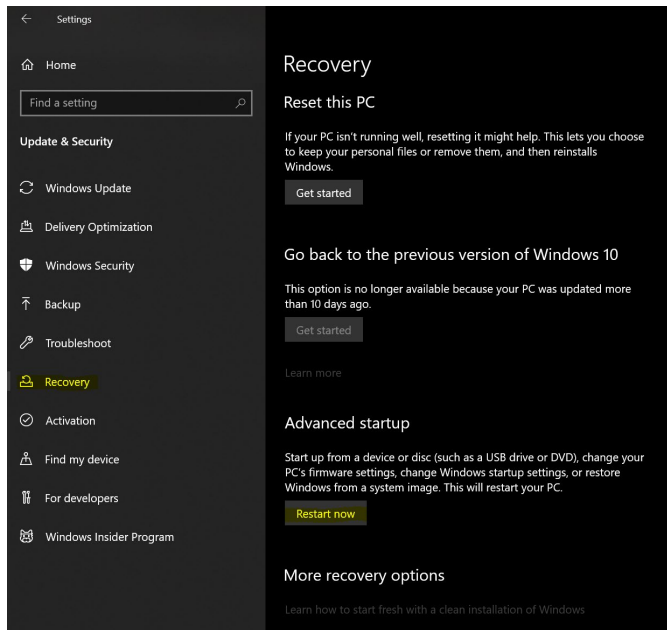
1. Press “Windows Key”, Search “Settings”
 - a. Open “Settings”



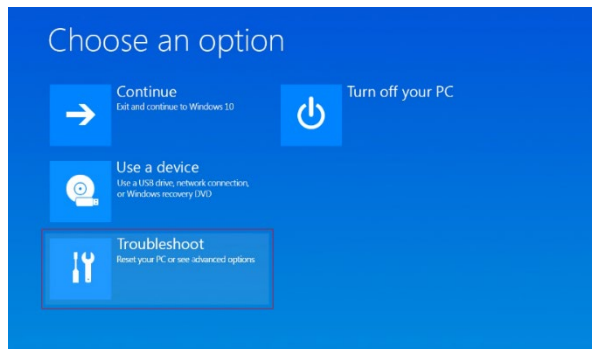
b. Open “Updates & Security”



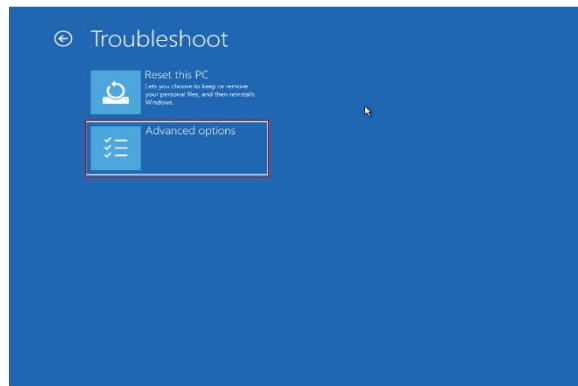
c. Open “Recovery” portion, left click “Restart Now”



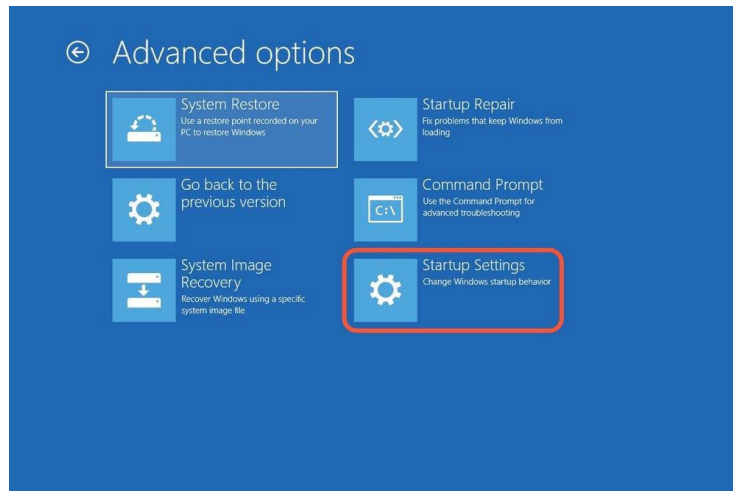
d. Choose “Troubleshoot”



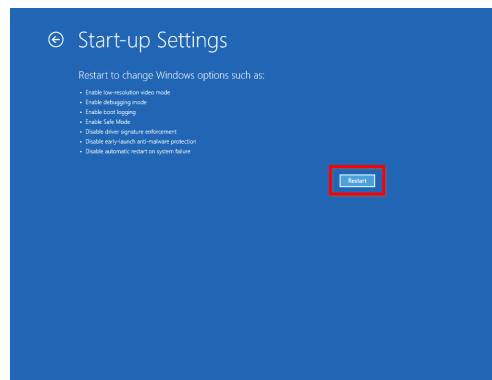
e. Choose “Advanced Options”



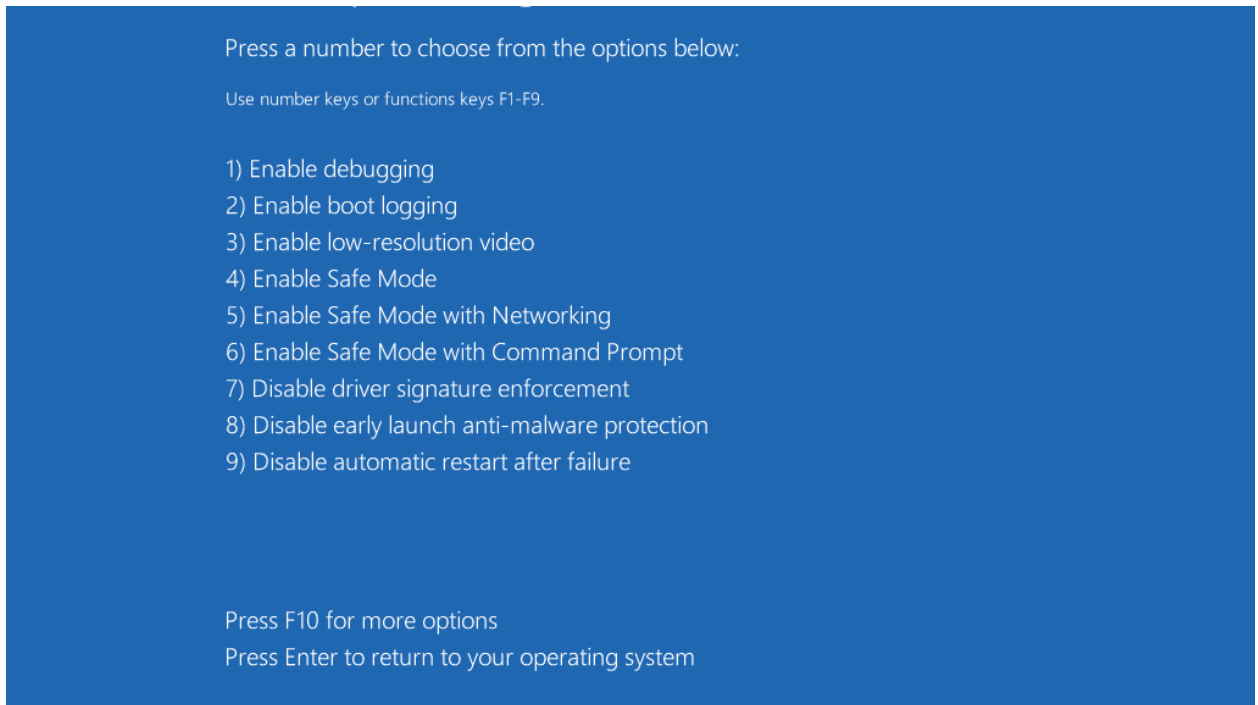
f. Choose “Startup Settings”



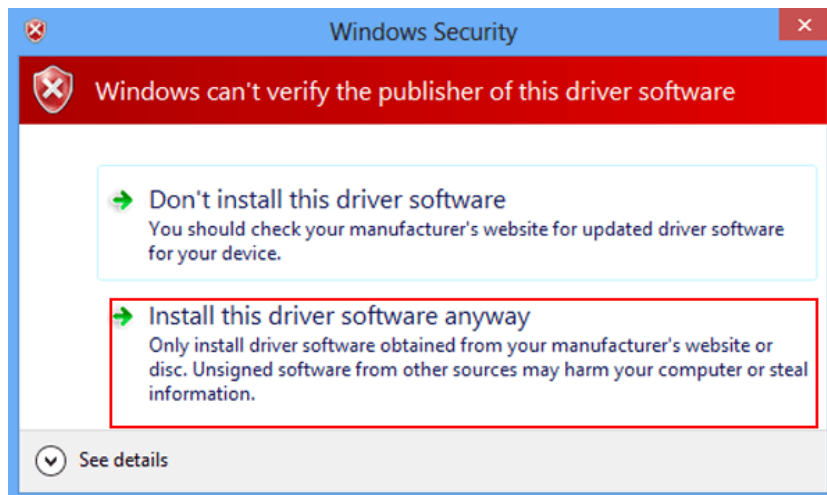
g. Left click “Restart”



- h. After the PC has restarted a window will pop up, choose “Disable driver signature enforcement.” (**Note: You may need to enter the number corresponding to “Disable driver signature enforcement)”**)



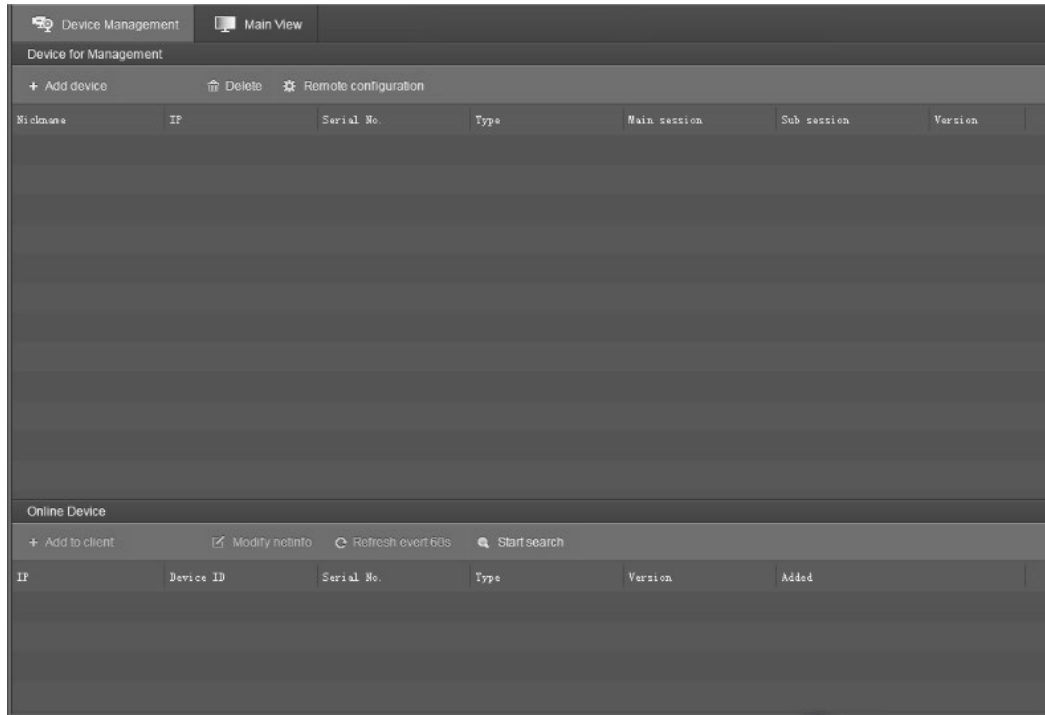
- i. After the PC completes a full restart. Repeat the “USB to Ethernet Driver Installation” instructions indicated on the first part of this manual. Once you have completed the “USB to Ethernet Driver Installation” instructions a window will appear asking you whether or not to continue. Click “Install this driver software anyways” to complete “USB to Ethernet Driver Configurations for Windows 10.”



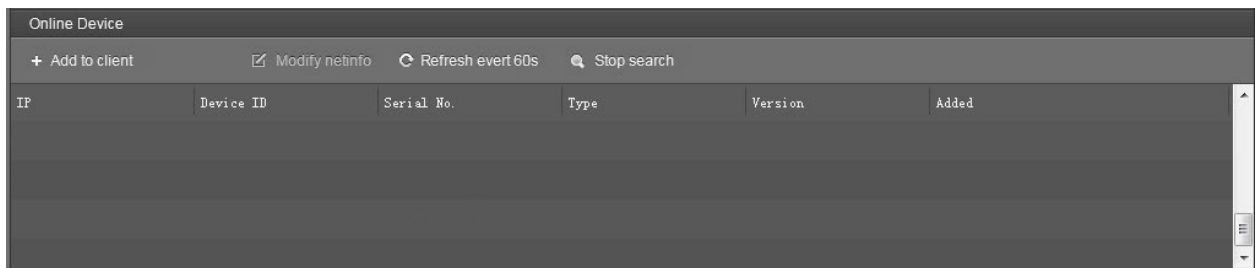
CMS Application Software

Search & add device(s)

1. Install the application software “CMS” on your PC, after installation is complete, open the application and go into the “Device Management” tab

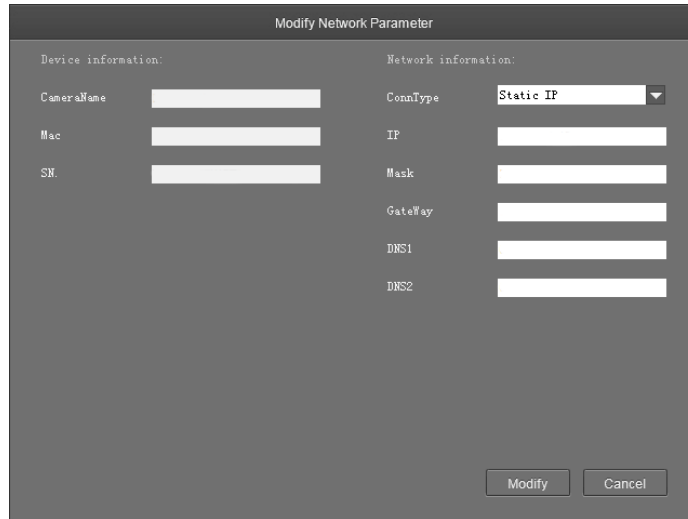


2. If the camera's IP and the "Remote NSID6 based Device IP" are in the same network segment, click "Start Search" under "Online Device" to search for the camera



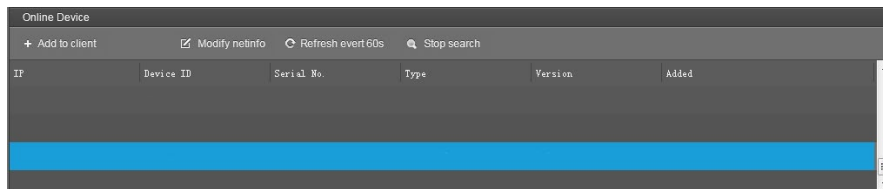
Modifying Device(s)/Controlling Device(s)

1. If you would like to modify your network settings, choose device, input IP address, Mask Gateway & etc. under “Modify Network Parameter”, after click “Modify” to save the new settings.

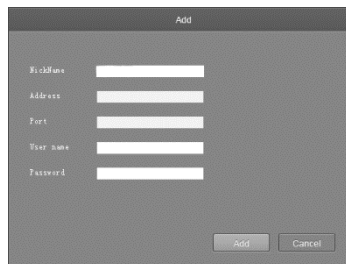


The screenshot shows a dialog box titled "Modify Network Parameter". It is divided into two sections: "Device information:" and "Network information:". Under "Device information:", there are three input fields for "CameraName", "Mac", and "SN.". Under "Network information:", there is a dropdown menu for "ConnType" set to "Static IP", and five input fields for "IP", "Mask", "Gateway", "DNS1", and "DNS2". At the bottom right, there are two buttons: "Modify" and "Cancel".

2. If you would like to control the camera on the device list, choose the device, click “Add to Client” to put the camera on the managed device list.



The screenshot shows a table titled "Online Device". The table has a header row with columns: "IP", "Device ID", "Serial No.", "Type", "Version", and "Added". Below the header, there is a large blue horizontal bar, likely representing a selected row or a placeholder for data. Above the table, there are several icons and text: "+ Add to client", "Modify netinfo", "Refresh event 60s", and "Stop search".



The screenshot shows a dialog box titled "Add". It contains five input fields: "NickName", "Address", "Port", "User name", and "Password". At the bottom right, there are two buttons: "Add" and "Cancel".

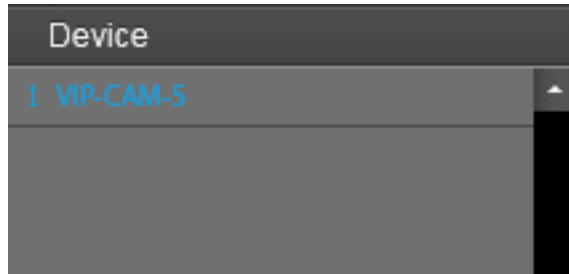
Operation/Instructions

To access Main View/Control Window left click “Main View”

- Main View contains 3 subcategories

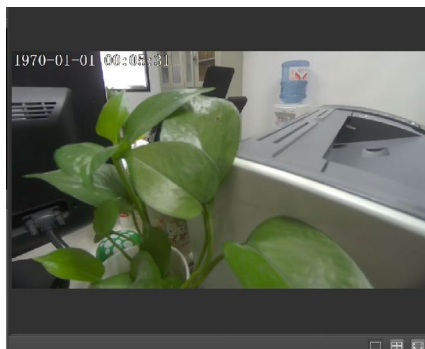
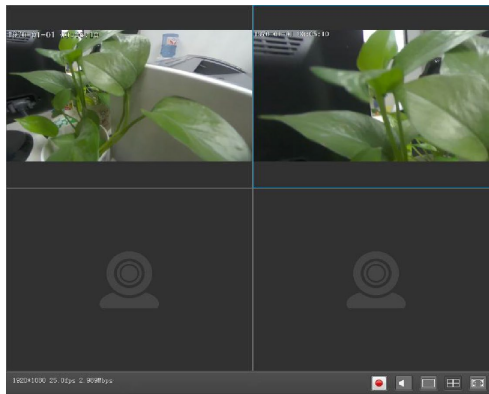
1. Device List:

- displays all online cameras that have been added to the “managed device list.”



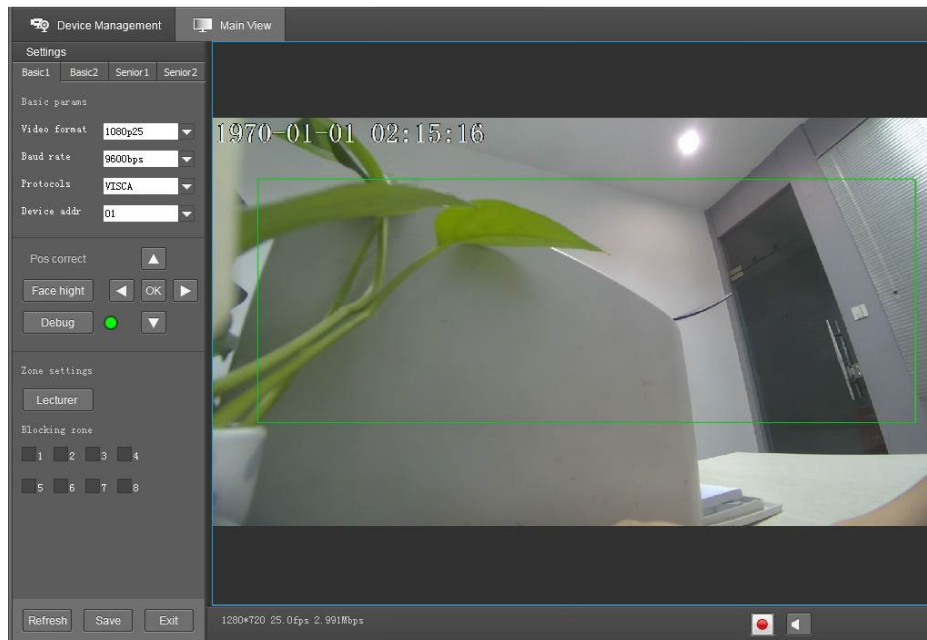
2. Preview:

- Double click the device that a mainstream is desired, right click “Sub Stream” to move the “Sub Stream” onto another screen; The preview window supports viewing up to four screens, press the single screen button or four screen buttons at the bottom to your desired screen amount. When in four screen display mode, choose a specific screen, then click a single screen display button to get an appropriate single screen of the selected screen



3. Camera Control

- Right click the desired camera to see the main stream and sub stream image(s), the main stream is the camera's framing image, where the sub stream is the camera's full view. Click "Start" button under the "Track" settings to activate tracking. A green rectangle will show up visualizing the tracking zone, click "Debug", the image will show the camera's detection and tracking information



Instructions to Switch Camera(s) to USB working mode

After the camera starts, its USB working mode defaults to network mode which means that the camera is recognized as a network device, this will allow you to work on the camera's configuration through the application software via Ethernet, with the CMS software application. To change the USB working mode to UVC, click the screen that is selected to preview, then press "Presets" button to bring down the presets list. Choose number 6 and press "Call" button. After the USB working mode has been changed to UVC, the camera must be restarted to set the camera back to network mode.

Troubleshooting CMS

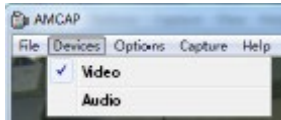
- If the "Main Stream" or "Sub Stream" shows "Not Connected", then check the ID & Password, it should be noted that both should be stated as "Null", and then make sure the camera's IP address and "Remote NSID6 based Device IP address" is in the same network segment.

AMCAP

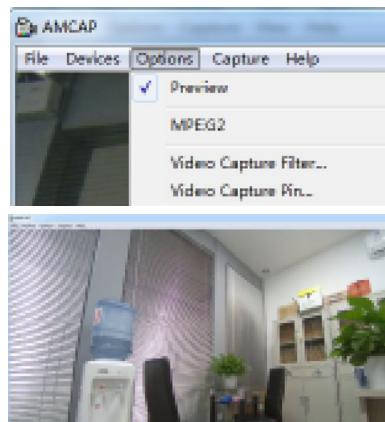
Software Instructions

AMCAP is a camera control software available on the internet

1. Open software, from “Devices”, choose “Video”



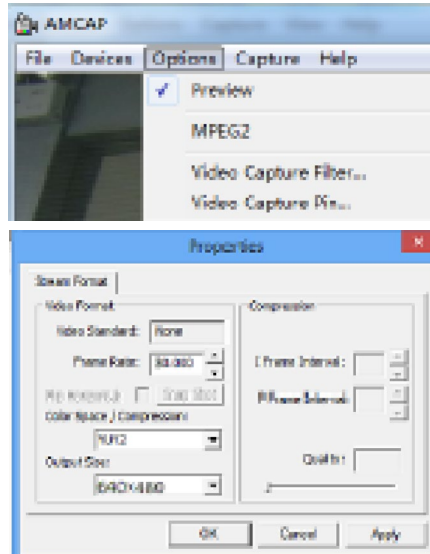
2. Go to “Options/Preview” and view camera image



3. Check whether the “Set Frame Rate” in the picture below is checked. If so, go to “Capture/Set Frame/Use Frame Rate” and remove it.



4. If you need to change the parameter of different resolution and frame rate to view the image, please go to “Options / Video Capture Pin / Stream Format” and change value accordingly, refer to the following figure for modification.



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E-mail: sales@purelinkav.com

For order support, please contact your local dealer.
For technical support, please contact us at support@purelinkav.com.

Warranty

PureLink Three (3) Year Limited Warranty for PureStream™ Branded Products Only

Dtrovision, LLC. (hereinafter "PureLink") warrants its HDTools and PureStream™ branded products (hereinafter "Product") purchased directly from PureLink or Dealer shall be free from defects in workmanship and materials, under normal use and service, for a period of three (3) years on parts and three (3) years on labor. Any repaired or replaced equipment related to Product shall be covered only under the remaining portion of the warranty. This warranty has no relationship to and exists independently of any warranty offered by Dealer. This warranty is a limited warranty and gives you specific legal rights. You may also have other rights which vary from state to state.

TERMS & CONDITIONS

PureLink shall repair or replace the Product if it develops a material fault during the period of warranty, on condition that i) the Product has only been subject to normal use in a domestic or commercial environment in a manner consistent with its specification and functionality, ii) the Product has been cared for reasonably and only subjected to reasonable wear and tear, iii) the defect has not been caused by willful or negligent abuse or neglect, or any accident or improper installation procedure, iv) the serial number of the Product has not been altered or removed.

This warranty only applies to the original purchaser, and shall be the exclusive remedy to the original purchaser. PureLink shall not be liable for any damages whatsoever caused by Product or the failure of Product to perform, including incidental or consequential damages. PureLink shall not be liable for any claim made by a third party or made by the purchaser for a third party.

Except as expressly set forth in this warranty, PureLink makes no other warranties, expressed or implied, including any implied warranties of merchantability and fitness for a particular purpose. PureLink expressly disclaims all warranties not satisfied in this limited warranty. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty. This warranty statement supersedes all previous warranties.

WARRANTY RETURNS/REPAIRS/EXCHANGES

No merchandise may be returned without prior authorization from PureLink, and a Return Materials Authorization (RMA) number. Failure to comply with these conditions will result in rejection of the returned merchandise.

Any warranty service on Products must be arranged through Dealer. Authorized returns must be shipped freight prepaid and fully insured to PureLink, Ramsey, NJ USA, with the RMA number clearly marked on the outside of all shipping boxes and containers. PureLink reserves the right at its sole discretion to refuse any shipments arriving freight collect or without an RMA number. Any authorized returned merchandise must be accompanied by a note describing the reason for return, along with contact information including name, phone number, return mailing and shipping addresses, e-mail address, and RMA number.

On any products returned and accepted with an RMA number, return freight charges following repair of items under warranty shall be paid by PureLink, shipping by the standard ground carrier of its choice.

ADVANCE WARRANTY REPLACEMENTS

Purelink VIP-CAM-5-4K-USB2 User Manual V1.2

PureLink's advance replacement service offers a Replacement Unit upon request - free of charge for eligible products purchased less than one (1) year of the warranty claim. Products purchased more than one (1) year prior to the warranty claim do not qualify for advance replacement services.

Advance replacement requests must be validated by a member of PureLink's Technical Support Team. Replacement units may be new or refurbished and is subject to availability. PureLink is responsible for shipping the Replacement Unit to your designated location by standard ground service. All other shipping methods will be responsibility of the Dealer.

Original Unit Return – the Original Unit must be returned within thirty (30) calendar days of the return authorization date. Failure to return the Original Unit within this period will be subject to a minimum 15% re-stocking fee. Dealer is solely responsible for the shipping of the Original Unit to PureLink.

TO MAKE A WARRANTY CLAIM

To make a warranty claim, promptly notify PureLink within the warranty periods described above by calling PureLink's Technical Support Department at 1-201-488-3232. PureLink, in its sole discretion, will determine what action, if any, is required under this warranty.

Most problems can be corrected over the phone through close cooperation between Customer and a PureLink technician. To better enable PureLink to address a warranty claim, please have the Product's serial and model numbers. If PureLink, in its sole discretion, determines that an on-site visit or other remedial action is necessary, PureLink may send a representative to Customer's site.

CUSTOMER SERVICE

Technical support inquiries can be submitted electronically through the PureLink website at www.purelinkav.com. For immediate assistance please contact PureLink's Customer Care Team at

+1 (201) 488-3232