

Cam Viewer 3 Pro

Quick Installation Guide

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Chapter 1. Introduction

Thank you for purchasing the IP surveillance application program. The Cam Viewer 3 Pro is a multi-camera video surveillance application that enables you to set up a comprehensive and effective surveillance system quickly and easily. It works with PLANET network cameras and video servers to provide video monitoring, recording and event management functions.

1.1 Before Installation

Before installation, please be sure to read this quick installation guide and user's manual (CD) carefully to complete machine installation.

This QIG includes the following chapter:

Chapter 1. Cam Viewer 3 Pro Introduction

Chapter 2. Cam Viewer 3 Pro Installation

1.2 System Requirements

The system consumes huge of computation power to decode and record multiple video streams from IP cameras. Therefore, bear in mind that much faster CPU speed and higher system memory will be very useful to handle and process multi-channel video streams. Here is a minimum recommendation of system requirement as below:

The Minimum system requirement

CPU	Intel Core 2 Duo or above
RAM	Minimum 1GB, 2GB or above is recommended
HDD	SATA 200GB or above is recommended
Display card	Independent display card suggested ■ Make sure your display DPI setting is set to default at 96DPI ■ To set DPI value, right-click on desktop, choose "Settings" tab >> "Advanced" >> "general"
Ethernet interface	10/100Mb Ethernet card or above
Operating System	Windows 2000 (SP4), Windows XP, Windows 2003, Windows Vista (32-bit) and Windows 7 (32-bit)

Also it does strongly recommend that close the unnecessarily programs while running Cam Viewer 3 Pro to monitor and record video stream from IP cameras.

1.3 Preliminary Info

CV3 Pro is designed with a “client-server” structure, which, after installation, multiple programs would be installed on the PC. There are:

 <p>CV3 Pro Config</p>	The “CV3 Pro Config”: It’s the configuration utility that helps users quickly configure the necessities (such as adding cameras, PTZ settings, and various function settings) before initiating the program.
 <p>CV3 Pro Controller</p>	The “CV3 Pro Controller”: Since the NVR software can be set up as a “server” that manages multiple cameras and allow users to remotely access it through a client application or web browser, it runs multiple server services (such as a web server) and the service controller actually installs the software as part of the Windows service, which then can be start automatically whenever the Windows OS presents. (It’s not necessary to run this when using the “CV3 Pro Config”)
 <p>CV3 Pro Monitor</p>	The “CV3 Pro Monitor”: This is the remote client used to access the CV3 Pro server. It can be run on the very same machine the CV3 Pro is installed, and it will be accessing the “local machine” to view the cameras’ live videos. CV3 Pro can be installed on a different machine, and simply run it to access the remote server with its public IP address.
 <p>CV3 Pro Player</p>	The “CV3 Pro Player”: CV3 Pro has its own database which is used to store the recorded videos (media) in its proprietary database file format. The media player can be used to play the database file as well as the AVI videos that are exported by CV3 Pro.

Chapter 2. Cam Viewer 3 Pro Installation



Note

Before install the software, please plug the bundled USB dangle into your PC's USB port in advance.

2.1 Software Installation

Simply place the setup disc into your optical drive and wait for seconds, you will see the welcome web page, please click the Cam Viewer 3 Plus to start the installation. Or Double-click on the setup executable file to initiate the installation:



setup
Setup Launcher Unicode
PLANET Technology Corp.

1. The setup wizard will be initialized and preparing to install:



3. Once it finishes initializing, click “Next” to Begin:



4. Click “Next” to continue, or click “Change” if you wish change the installation directory:



5. Enter a new valid path in the "Folder name" field for new installation directory, or click the icons highlighted below to switch to a desired directory and create a new folder if desire. Afterwards, click "OK" to continue:



Click "Install" to start the installation, or click "Back" to go back and make further changes:



6. The installation process should be displayed:



7. Simply click "Finish" to exit the setup wizard when installation finishes, you have successfully entered Cam Viewer 3 Pro.



2.2 Getting Started With the Software

To configure detail settings to the software, open up the CV3 Pro Config wizard program to do so. There are two ways of accessing the config wizard:

Upon fresh install, the software contains no configuration profile, which, the software's service can not be initiated as no configuration has been performed to the

- To get started, start the "CV3 Pro Config" from the desktop shortcut:



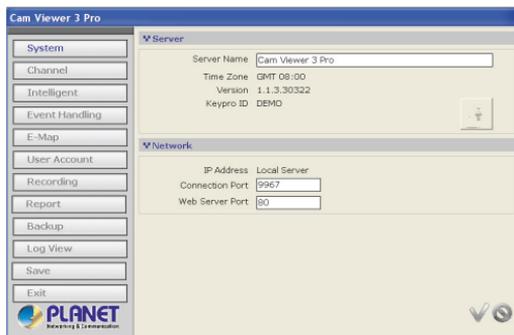
Or access it from the "Start" menu, and that is:

Go to "Start" >> "All Programs" >> "PLANET" >> "Cam Viewer 3 Pro" >> "CV3 Pro Config"

For the software's service to be properly initiated, make any changes to the settings through the Config Wizard then save it and exit the program. Restart the Config Wizard and the software's service should be initiated.

2.3 Using the Configuration Wizard

Upon the start of the CV3 Pro Config, the "System" page should be displayed:



Server

Server Name

Time Zone

Version

Keypro ID

Drop-down menu for multi-language
Time zone setting of the PC Software
Version Create new folder

Network

IP Address

Connection Port

Web Server Port

IP address of the PC Connection
port for video streaming Port
number used by the software's
web server

2.4 Configuration Wizard - Adding cameras

To add cameras using the configuration wizard, go to "Channel" from the menu on the left.

The "Channel List" page should be display which is an overview page that displays a list of cameras currently added to the software.

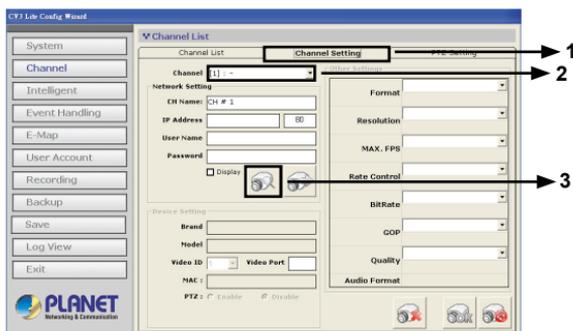
CF3 Lite Config Wizard

Channel List

Item	Name	IP Address	Port	Band	Model	Mac
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
5	-	-	-	-	-	-
6	-	-	-	-	-	-
7	-	-	-	-	-	-
8	-	-	-	-	-	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-
21	-	-	-	-	-	-
22	-	-	-	-	-	-
23	-	-	-	-	-	-
24	-	-	-	-	-	-

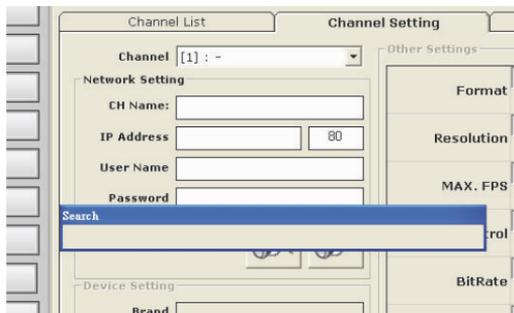
PLANET
Networking & Communications

To add a new camera, click on the "Channel Setting" tab and select an available channel from the "Channel" drop-down menu, and then click on "Search" to begin:

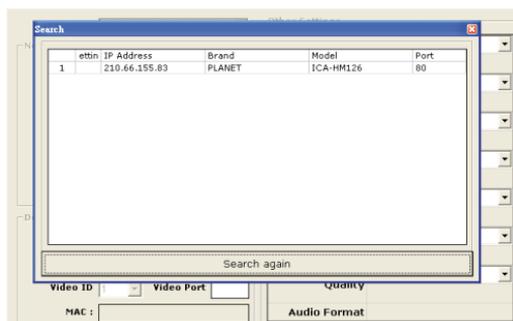


* The "Search" function only works when the cameras are installed in the same subnet as the PC the NVR software is installed

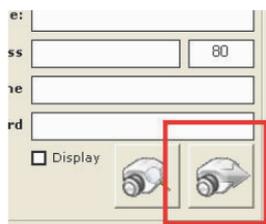
The NVR software will perform a search and locate the cameras available within the same subnet:



A new dialog should be prompted and displays a list of available cameras:



* For cameras located in different subnet (but within the same local network), enter its private IP, HTTP port, username and password manually and click "Detect".



Double-click on a camera from the list and it should direct you back to the "Channel Setting" page. The camera's IP address and HTTP port should be automatically filled in the "Network Setting" section:

Fill in the camera's username and password (must be the root privilege account) in the corresponding fields shown below and click "Detect":

The screenshot shows the "Channel Setting" dialog box. At the top, there is a "Channel" dropdown menu set to "[1] : -". Below this is the "Network Setting" section, which contains several fields: "CH Name" (empty), "IP Address" (192.168.11.37), "User Name" (empty), and "Password" (empty). There is also a "Display" checkbox and two camera icons. Three numbered arrows point to specific elements: arrow 1 points to the "CH Name" field, arrow 2 points to the "User Name" and "Password" fields, and arrow 3 points to the camera icons.

Upon a successful detection, the camera's information and its current settings should be detected: (as shown below)

The screenshot shows the "Channel List" dialog box with the "Channel Setting" tab selected. The "Channel" dropdown is set to "[1] : CH # 1". The "Network Setting" section shows: "CH Name" (CA-230), "IP Address" (192.168.0.177), "User Name" (admin), and "Password" (empty). The "Device Setting" section shows: "Brand" (PLANET), "Model" (CA-230), "Video ID" (1), "Video Port" (554), "MAC" (30 30 4F AD 00 5A), and "PTZ" (Enable). The "Other Settings" section shows: "Format" (jpg), "Resolution" (VGA), "MAX. FPS" (Full), "Rate Control" (VBR), "BitRate" (N/A), "GOP" (N/A), "Quality" (9), and "Audio Format" (g711,g721 [CAM]). At the bottom, there are "OK" and "Cancel" buttons.

The settings shown in the "Other Setting" section can be changed by using either the available drop-down menu or by clicking the corresponding cell box:

Other Settings	
Format	jpeg [CAM]
Resolution	640x480 [CAM]
MAX. FPS	Full [CAM]
Rate Control	VBR [CAM]
BitRate	Full [CAM]
GOP	N/A [CAM]
Quality	6 [CAM]
Audio Format	G.726 [CAM]

Use the drop-down to make changes

Clear settings and exit this page

Click to confirm adding the camera

Removing an existing camera

Click the “Add Camera” button to confirm the settings and you should be directed back to the “Channel List” page:

[CAM]
MAX. FPS Full
Full [CAM]
Rate Control VBR
VBR [CAM]
BitRate Full
Full [CAM]
GOP N/A
N/A [CAM]
Quality 6
0 [CAM]
Audio Format G.726 [CAM]

Confirm adding camera

You can click the “Cancel” button to cancel the configuration and you should be directed back to the “Channel List” page:

[CAM]
MAX. FPS Full
Full [CAM]
Rate Control VBR
VBR [CAM]
BitRate Full
Full [CAM]
GOP N/A
N/A [CAM]
Quality 6
0 [CAM]
Audio Format G.726 [CAM]

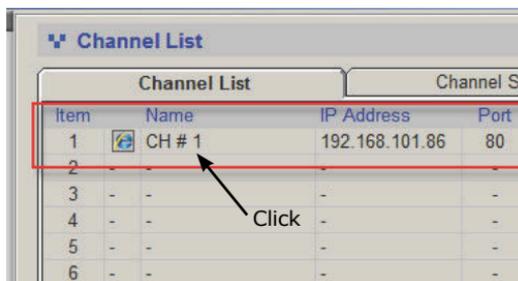
Cancel adding camera

You should now see a list of cameras you’ve been added to the software from the “Channel List” page:

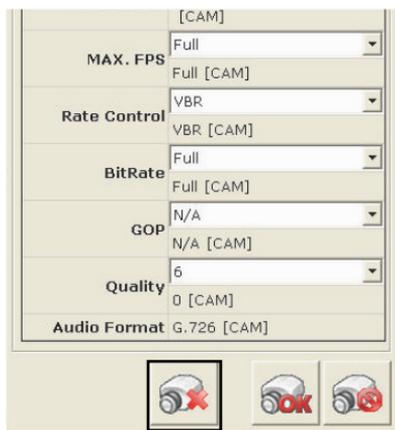
Channel List							
Channel List		Channel Setting			PTZ Setting		
Item	Name	IP Address	Port	Brand	Model	MAC	
1	CH # 1	192.168.0.177	80	PLANET	ICA-230	00:30:4F:A0:00	
2	-	-	-	-	-	-	
3	-	-	-	-	-	-	

2.5 Configuration Wizard – Remove cameras

To remove a camera, simply click on a camera from the list under the “Channel List” page; it should direct you to the “Channel Setting” page:



And all settings of the camera you just clicked on will be displayed. Click on the “Remove camera” button to remove the camera:



Further Configuration

If you want to configure more detail settings of Cam Viewer 3 Pro, please refer to the user manual in the CD disk.