AVer
www.aver.com

FC1320-P
FC1320-PW

Cube IP Camera

Quick User Guide

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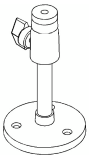
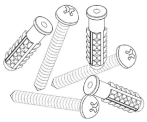
Before Installation

Before installation, please be sure to read this quick installation guide and user's manual carefully to complete the installation.

I. Camera Introduction

The following section introduces package contents, hardware installation, factory default reset, and SD card Compatibility List of each type camera.

1. Package Contents

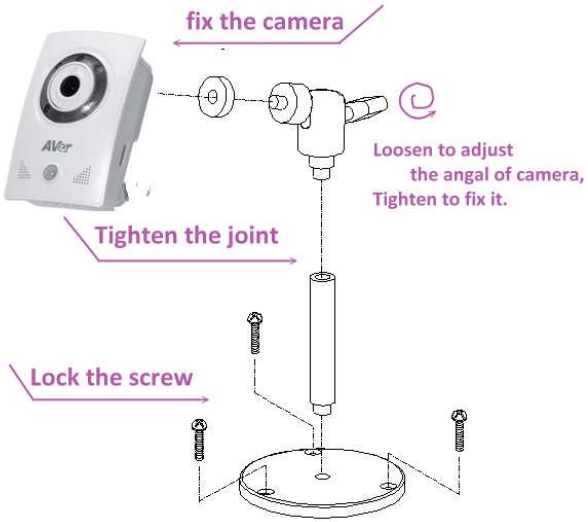
Item	Descriptions
	1. FC1320-P or FC1320-PW
	2. Bracket
	3. Screw pack
	4. Power Adaptor(DC 12V/0.5A) (Optional)
	5. CD (User's Manual and Quick Guide, NVR software included)
	6. Antenna (FC1320-PW model only)

**If any of the above items are missing, please contact your dealer immediately.

2. Hardware Installation

1. **Install with bracket**

   Please refer to the picture for camera installation. Use the screws to lock the bracket to the wall or ceiling, and then connect the camera to the bracket. There's a knob on the back of the bracket. Loosen the knob and you can adjust the angle of camera. Tighten it to fix the angle.

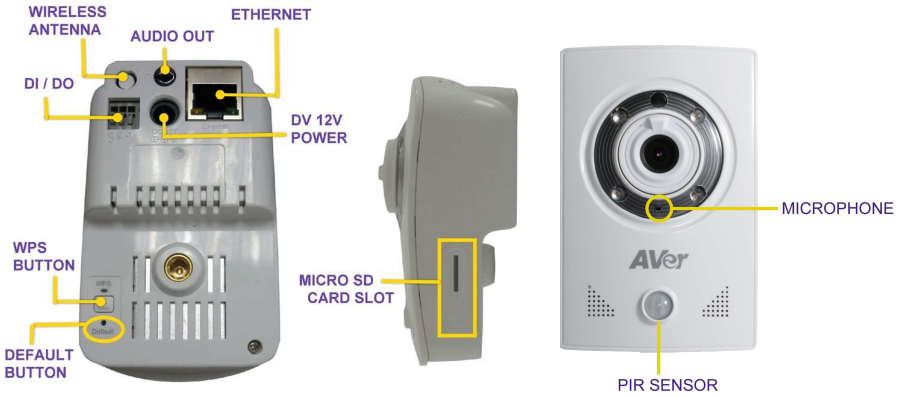




For FC1320-PW wireless model, please install antenna.

2. **Connector Instruction**

The camera connectors are as below. Connect the power and the Ethernet cable with the camera, and set it according to your network environment.

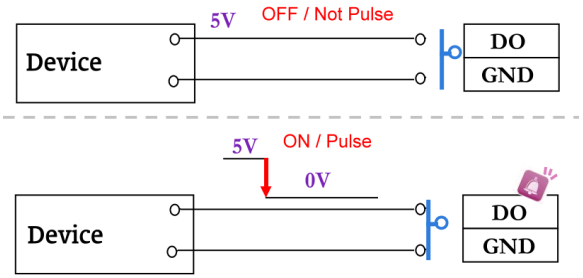


3. **I/O Configuration**

I/O Connection



a. Please connect the G & DO pin to the external relay (buzzer) device
When no event happens, DO output is 5V (DO and GND are disconnected). When the camera detects event happening and triggers external alarm, DO output is 0V (DO and GND are connected).



b. Please connect the G & DI pin to the external trigger device.
If you select "N.O" in "Input sensor setting", when external devise or circuit makes DI and GND pin connected, the camera input alarm is triggered, and then camera will execute the action user has set, for example, send snapshot to E-mail address.
If you select "N.C" in "Input sensor setting", when external devise or circuit makes DI and GND pin disconnected, the camera input alarm is triggered, and then camera will execute the action user has set, for example, send snapshot to E-mail address.

2.1 Factory Default

1. To recover the default IP address and password, please follow the following steps.
2. Remove power and Ethernet cable.



3. Press and hold the button and connect power and Ethernet cable to the camera again and hold for round 20 seconds for system booting.
4. Release the button when camera finishes proceed.
5. Re-login the camera using the default IP (http://192.168.1.168) or DHCP, and user name (admin), password (admin).

3. SD card Compatibility List

FC1320-P and PC1320-PW are compliant with microSD/SDHC card and to ensure recording quality, and please use memory cards over 2G and Class 4 above (Max. 32G)

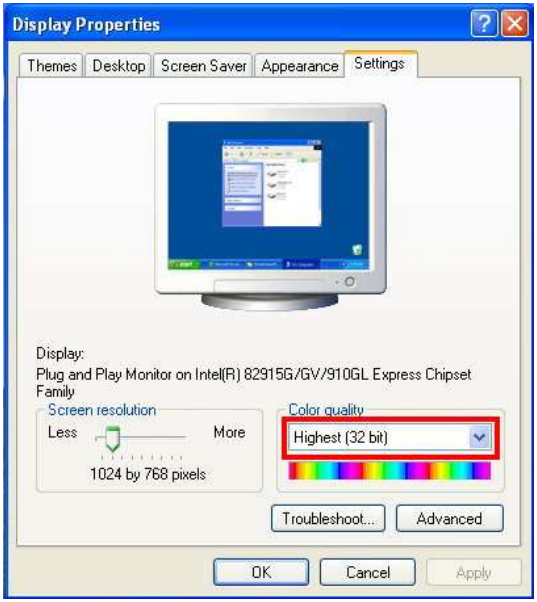
MicroSD/SDHC card
Transcend SDHC class4 16GB
Transcend SD class4 16GB
Transcend SDHC class4 32GB
Transcend SD class4 32GB
Transcend SD class6 4GB
Transcend SDHC class6 4GB
Transcend SD class6 8GB
Transcend SDHC class6 8GB
Transcend SD class6 16GB
Transcend SDHC class6 16GB
Transcend SDHC class10 4GB
Transcend SDHC class10 8GB
Transcend SDHC class10 16GB
SanDisk SDHC class4 4GB
SanDisk SDHC class4 8GB
SanDisk SDHC class4 16GB
SanDisk SDHC class4 32GB

II. Monitor Setting

1. Right-click on the desktop. Select " **Properties**"



2. Change "Color quality" to "**Highest (32-bit)**".



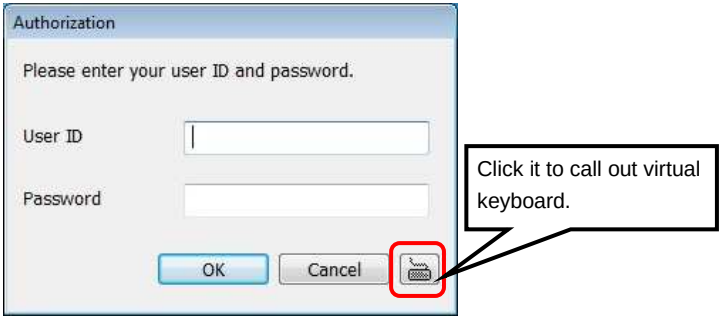
III. IP Assignment

There are two ways to find IP Camera:

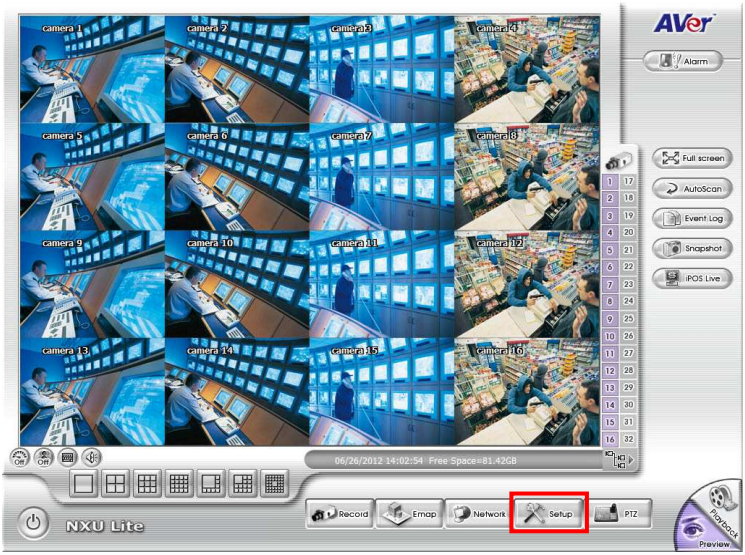
- Finding IP Camera by using "**NXU Lite recording software**"
- Finding IP Camera by using "**AVer IPCam Utility**"

Finding IP Camera by using "NXU Lite recording software"

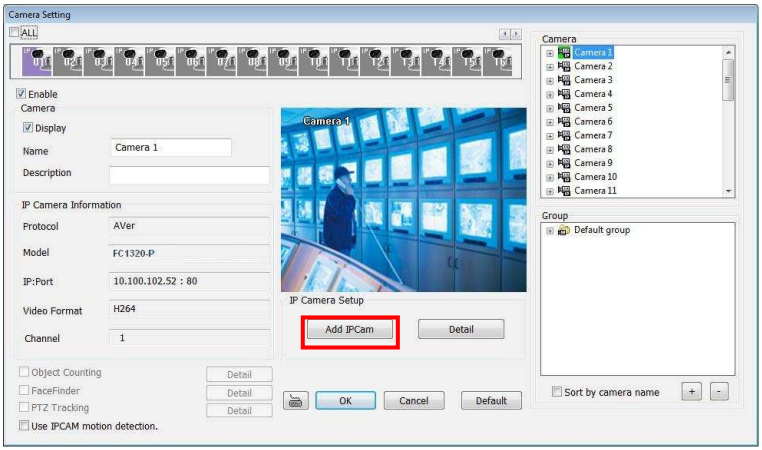
1. The NXU Lite software is in the attached software CD. Before launching it, please install the software first. During the installing process, users will be required to input a User name and Password for login NXU Lite system. Users can define the User name and Password as wishes. Please refer to NXU Lite user manual for detailed installation instruction.
2. To run the application, double-click  on your PC desktop or click **Start** > **Programs** > **DVR** > **NXU Lite**. For security purpose, some of the features would require you to enter User name and Password before it can be accessed. When the Authorization dialog box appears, key in your User ID and Password. (If this is the first time, enter the one you have registered when installing the software.



3. Click “**Setup**” button.



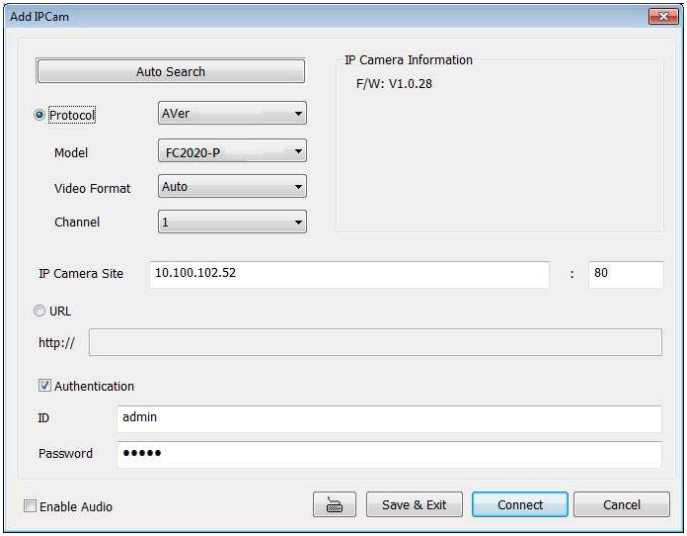
4. Click “**Add IPCam**” button.



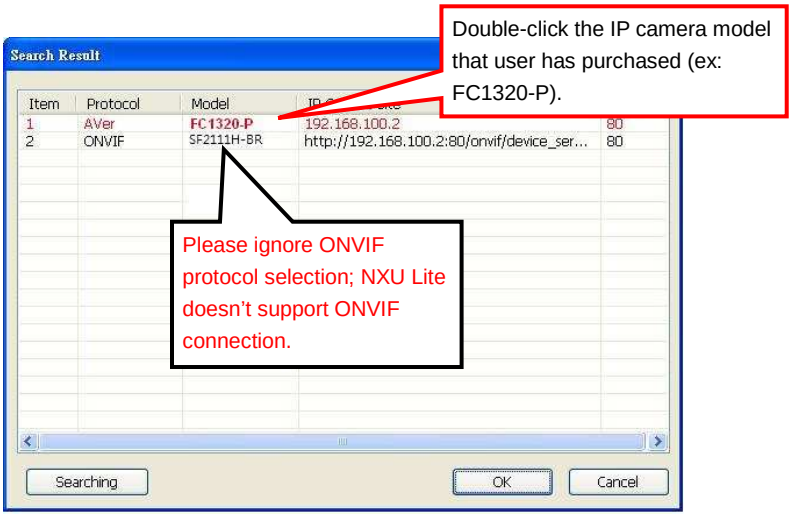
5. Select “**IP Camera**” item.



6. Enter the IP Camera's ID and Password (default is **admin/admin**) and click "**Auto Search**" to find camera.

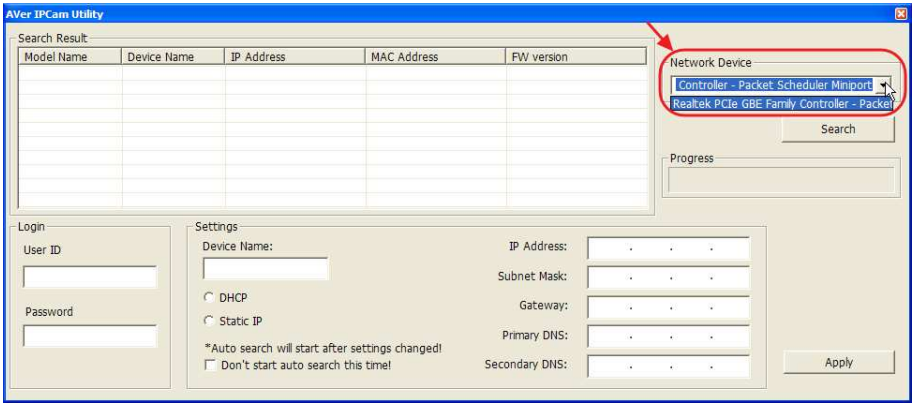


7. In Search Result window, click it the IP camera model that user has purchased (**Please ignore ONVIF connection item**); the camera is in red text that is configurable. User can double-click on the camera is in red text and configure the IP camera's setting; even the IP camera is not in the same IP segment. Press "**OK**" to back to previous screen and press"**Connect**" to start live view.

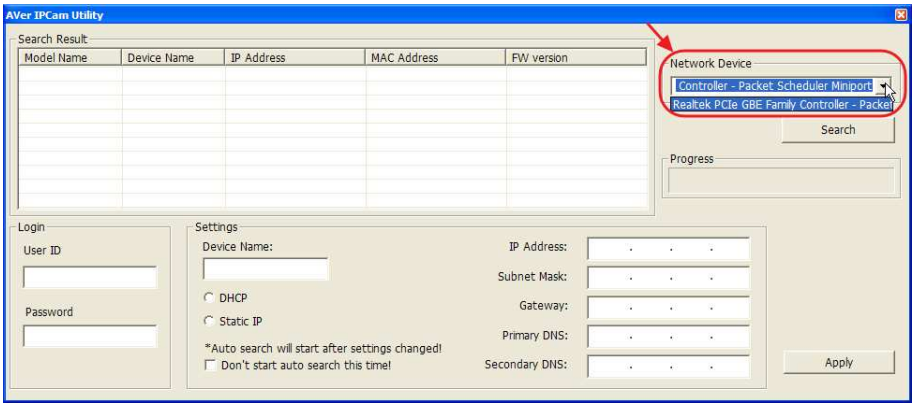


Finding IP Camera by using “AVer IPCam Utility”

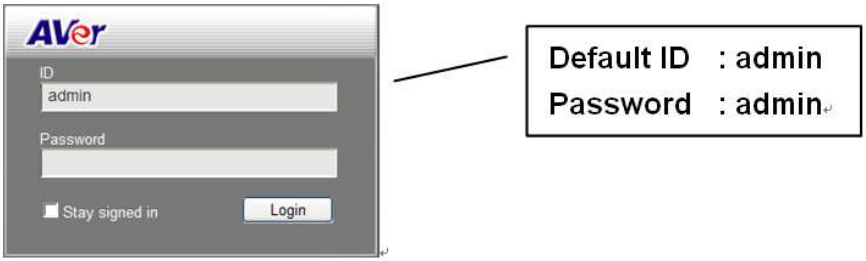
1. Use the software, “**AVer IPCam Utility**” to assign the IP address of the IP camera. The software is in the attached software CD.
2. Run the IPCam Utility
3. Select the proper network adapter and click [Search] to begin searching.



4. Select and double click the IP camera you want to access. If you want to change the setting of the selected IP camera, enter the user ID, correct password, and change the settings and then click [Apply]. This will change the setting and rescan the network again.



5. The IE browser will open and direct you to IP camera login page. This requires IPViewer.ocx to run. If the IE ActiveX warning message appears, click to allow running the add-on.



[Note]

- The default IP address is: 192.168.1.168
- The default ID and Password are both "**admin**".
- It is not allowed to enter device name in Chinese and any other special characters (' " \ & ^).
- Gateway number can't be "0".
- IP camera device name should be less than 30 digits

Using NON-DHCP Server/Router Network

In Non-DHCP server/router network, the static IP address must be assigned to the device each time when adding another IP camera to the network; the default IP address of the current one must be changed to avoid conflict.

Please make sure the Subnet of the PC's IP address and the IP camera's IP address are the same.

[Example]

The same Subnet:

IP camera IP address: 192.168.1.168

PC IP address: 192.168.1.100

Different Subnets:

IP camera IP address: 192.168.1.168

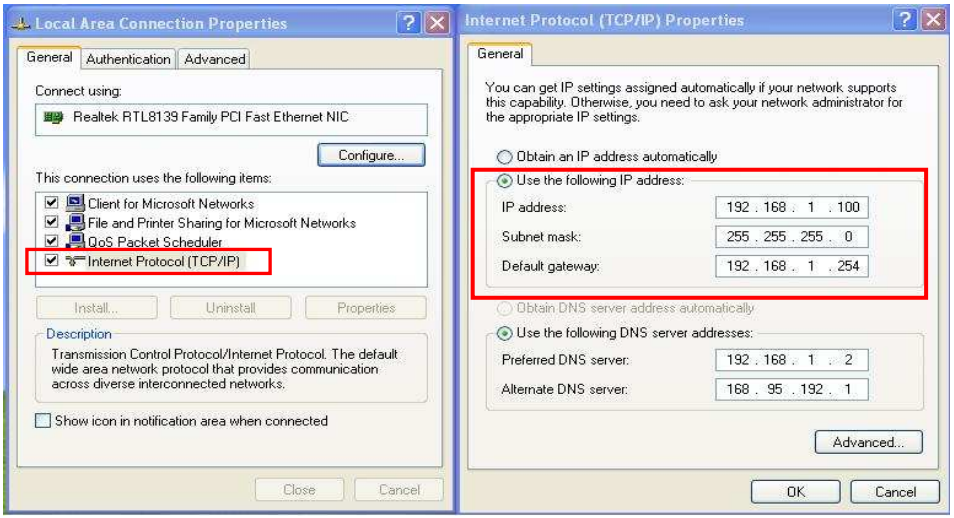
PC IP address: 192.168.2.100

To Change PC IP Address:

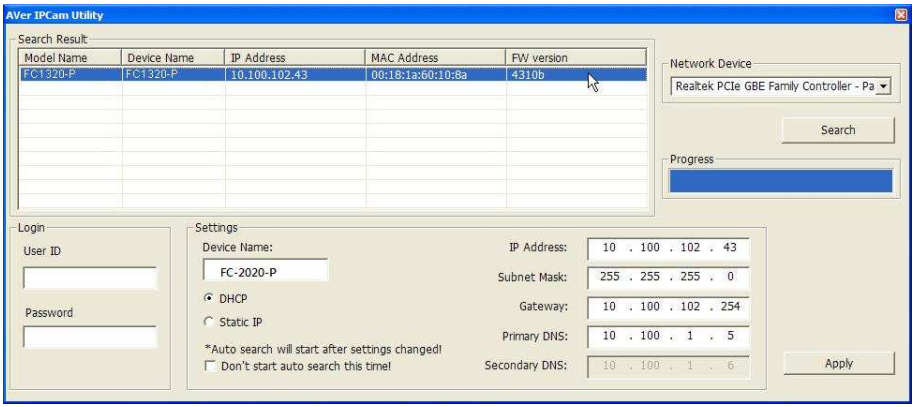
Control Panel→Network Connections→Local Area Connection Properties→Internet Protocol (TCP/IP) →Properties

Please make sure your IP camera and PC have the same Subnet. If not, please change IP camera subnet or PC IP subnet accordingly.

PC's IP address:

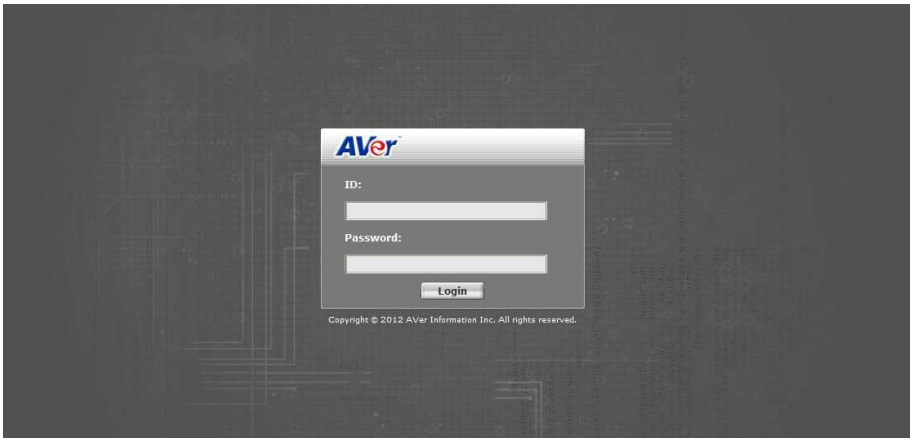


IP camera IP addresses:



A quick way to access remote monitoring is to double-click on a selected IP camera in “Camera Name list” in AVer IPCam Utility. Then, the IE browser will open and connect to IP camera.

Then, please key in the default “**ID**” and “**Password**”, both of which are “**admin**”.



IV. Connecting the IP Camera

Launch the Internet Explorer browser, type the IP address of the IP camera in the address field. It will show the following dialogue box. Key-in the ”**ID**” and “**Password**”. The default ”**ID**” and “**Password**” are both “**admin**”.



Once connected to the IP camera, the following program interface will appear.



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