EAN800A/EAN800AW

Installation Guide

EverFocus®

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This installation guide provides instructions for installing the EAN800A/EAN800AW IP Camera. For all other aspects of using this product, please refer to EAN800A/EAN800AW User's Manual, which is available on the CD included in this package.

Installation steps

1. Confirm that all of the accessories have been supplied with the network camera from the list below.
2. Confirm that your PC answers to the minimum computer requirements listed below.
3. Setting up the hardware connection. Please see "Setting Up the Hardware Connection" on page 3.
4. Network Connection. 3 typical types of network connection. Please see "Network Connection" on page 7.
5. Set an IP address. Please see "Assign IP address" on page 9.
6. Set the wireless connection. Please see "Set the wireless connection" on page 13.

Package Contents

- Network camera (x1)
- Accessory packet (x1)
    - C adaptor mount ring

    - SD card cover bracket + 1 screw

    - Fixing block (fixes to back panel for holding power cable) + 2 screws

- Hexagon wrench

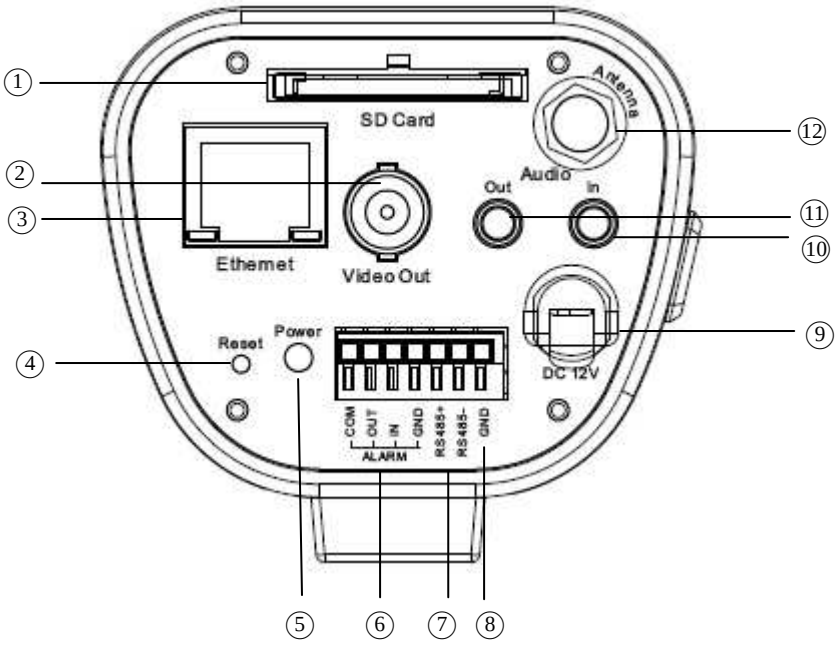
- Antenna (x1) for EAN800AW
- Power adaptor (x1)
- Printed Installation Guide (x1)
- Software APs including user's manual CD (x1)

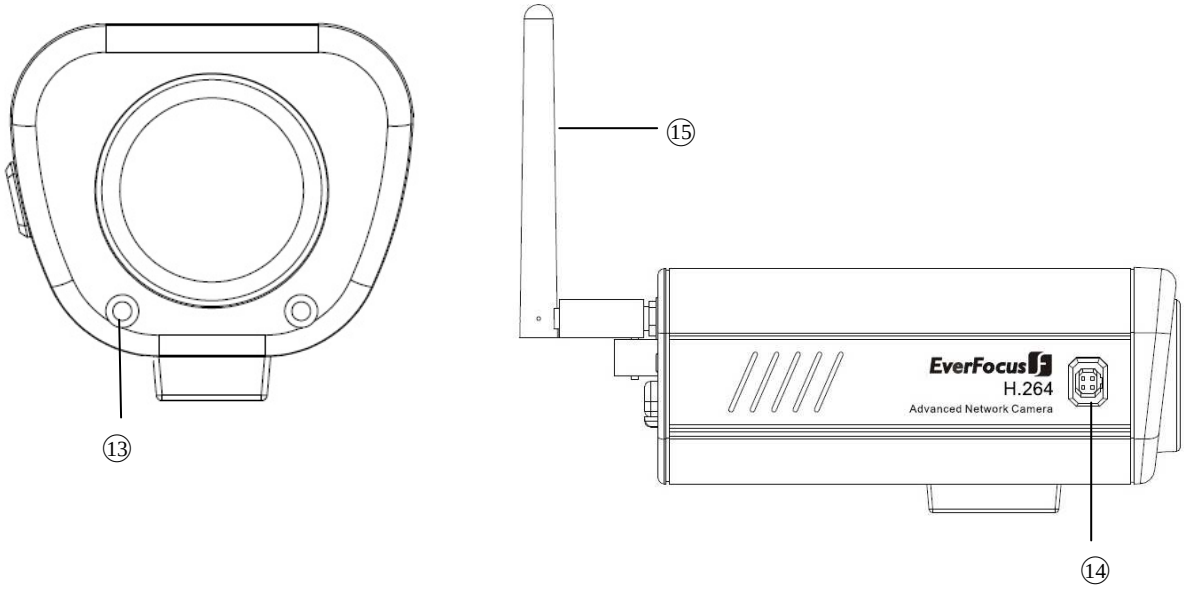
Minimum Computer Requirements

-CPU: PC Pentium IV (2.0 GHz or higher) / AMD Athlon (or higher)
-VGA card: 32 MB min. 16.7 million colours, with DirectX9.0c support
-Memory: 512 MB RAM min., 1 GB HD space or above
Additional HD space depends on required local storage of video files,
100 Mbps network card
-Screen Resolution: 1024 x 768 pixels or higher, 32-bit pixel color resolution
-Operating system: Windows XP, service pack 3 or higher
-Software: DirectX9,0c, Internet Explorer 6.0 or higher
Note: Please connect to Microsoft's Web Site for downloading.
For example: (This web site may change without notices.)
http://www.microsoft.com/downloads

1. Setting Up the Hardware Connection

1. Mount a lens to the camera.
2. Screw Antenna into the connector of back panel.
3. Connect the EAN800A/EAN800AW Network Camera to a PC with a Cat.5 cable.





① SD card: Slot to insert SD card.

② Video output: Loopthrough connection to the video signal from the Video In connector. Terminated with a coaxial/BNC connector.

③ Ethernet RJ-45 port: Connect to LAN via this standard RJ-45 connector.

Optional: This socket can also be used to power via PoE (Power over Ethernet)

Yellow indicator light: On means 100Mbps, Off means 10Mbps.

Green indicator light: On means link, flicking means active, Off means link fail.

④ Reset: Loading factory default configuration by pressing the button, which is inside this hole. Please insert the keen-edged device to the hole for 10 seconds.

⑤ Power LED: There are five kinds of LED flash mode. The cycle of LED flash is one second. The duration of each single bit is 0.1 second. LED display is represented by number 0 & 1; 0 means light on, 1 means light off.

System Status	LED Flash mode
Power ON	1111111111
Power OFF	0000000000
SD card formatting	1101100000
SD card is inserted	0111111111
Firmware updating	0101010101

⑥ Alarm: Connect to Alarm In/Out device.

⑦ RS485 (+-): Functionality reserved.

⑧ GND: Ground pin.

⑨ Power 12VDC: Connect with power adaptor.

⑩ Audio In: 3.5mm stereo socket for line-in signal.

⑪ Audio Out: It can be connected to an active speaker with a built-in amplifier or a pair of headphones. A 3.5mm audio connector must be used for the audio out.

⑫ Antenna connector: The antenna port is for wireless network antenna use (only for EAN800AW).

⑬ Microphone: A built-in microphone used to receive audio message.

Note: Microphone is not available for U.S. region.

⑭ Auto iris lens connector:

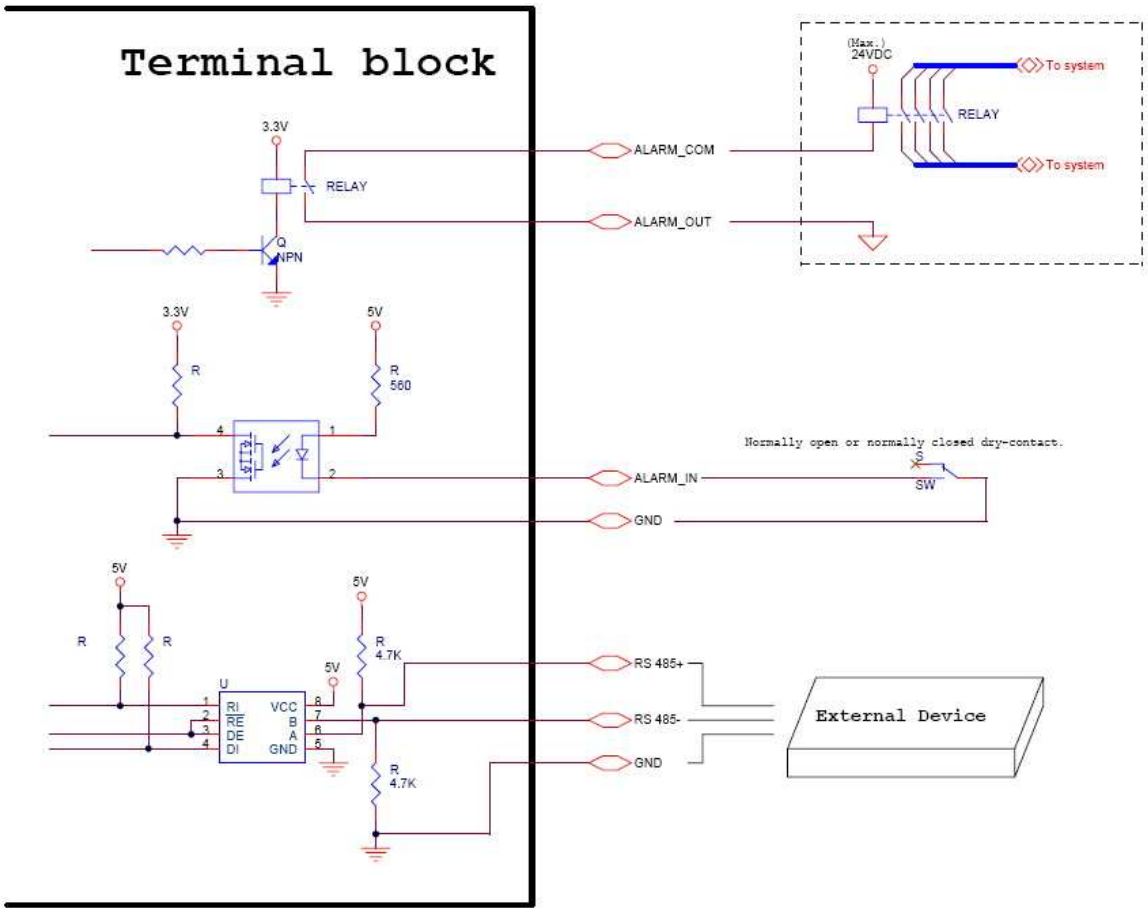
This connector is used to connect with the auto iris lens by a 4 pin male connector

	Pin 1	Pin 2	Pin 3	Pin 4
Direct Drive	Cnt-	Cnt+	Drv+	Drv-

⑮ Antenna: Antenna is used for wireless function (only for EAN800AW).

4. Power on the EAN800A/EAN800AW via plug in the Adapter or via PoE (Power over Ethernet).

1.1 Terminal Connector Schematic Diagram



Terminal connector schematic diagram

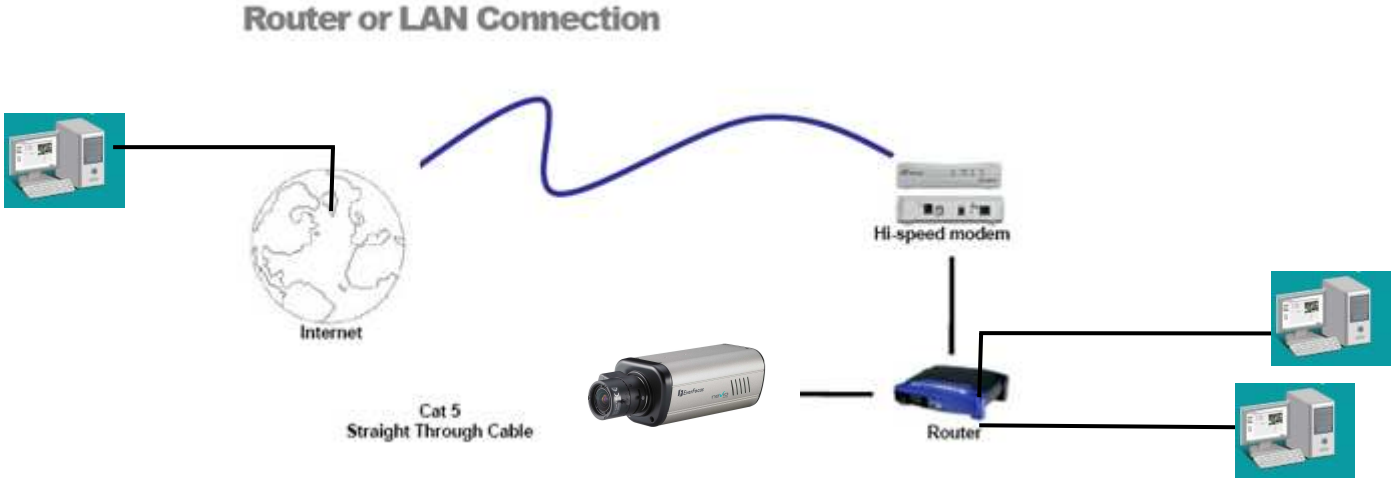
2. Network Connection

This section tells you how to do different types of network connections to IP cameras.

a. Router or LAN connection

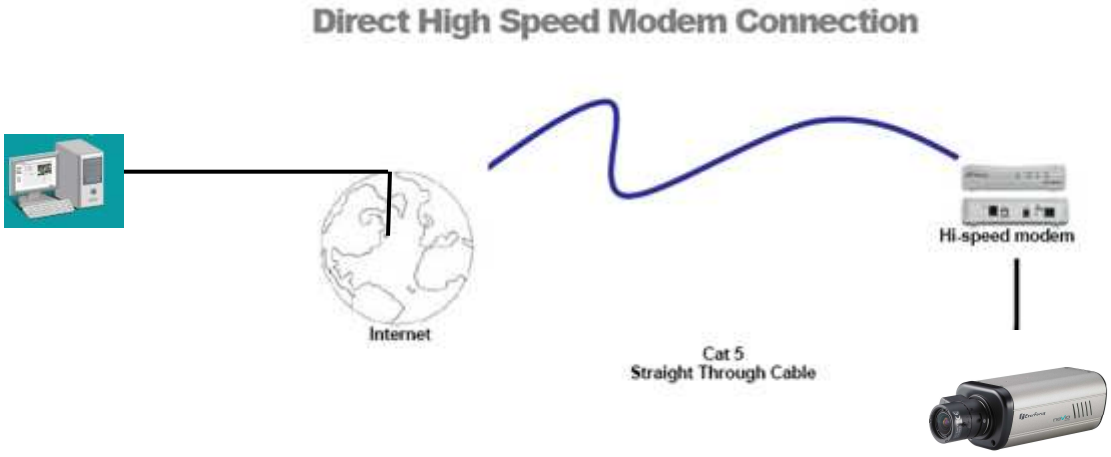
This is the most common connection that allows multiples PC to see IP cameras/ video servers in pre-existing LAN through a router.

By doing port forwarding, you can view camera outside of internal LAN on internet.



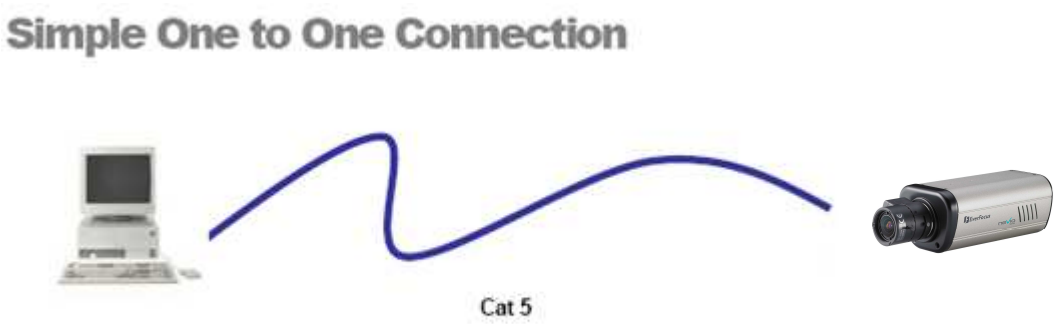
b. Direct High Speed Connection

Direct High Speed Connection connect camera directly to modem without a router. You need to assign the IP address you obtain from internet service provider to IP camera/ Encoder. To access the camera, just type http:// IP address of your internet provider. If you have a dynamic IP address, this connection does not work for you.



c. One to one connection from PC to IP camera

You can connect directly without switch. However, only the PC connecting to camera can view the IP camera.



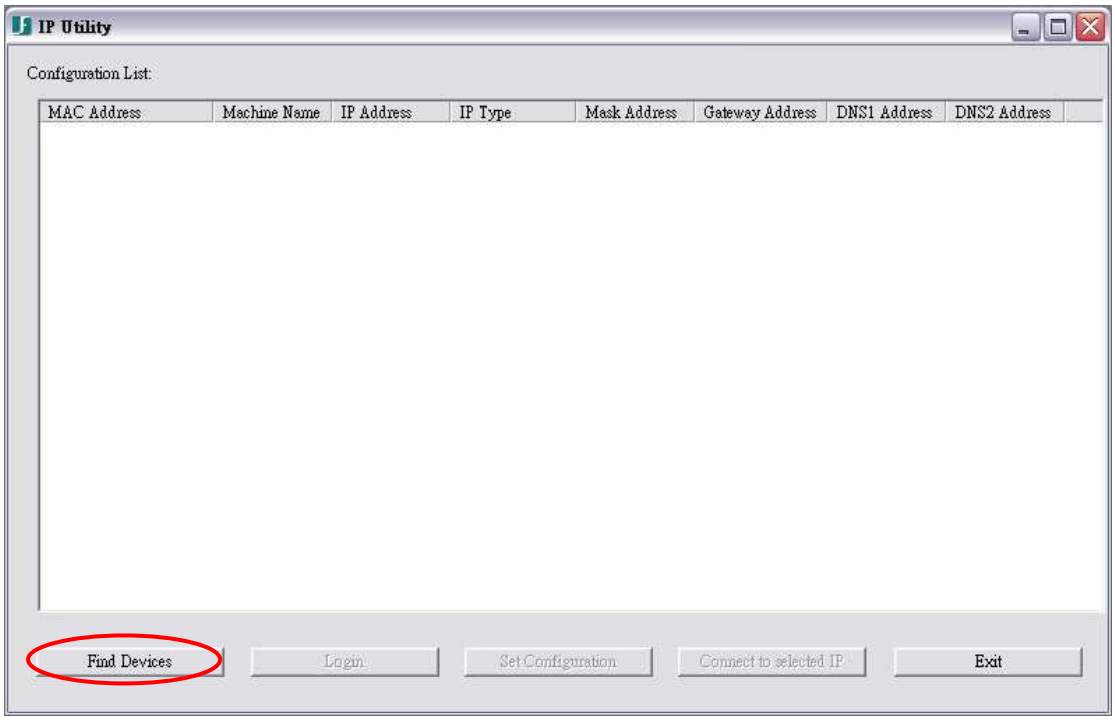
3. Assign IP Address

Please install IP utility software from CD before you go through the following process. Please note the following procedures are an example according to EAN800A/EAN800AW default values. These values may vary with your network system. Please consult your ISP or network administrators for more detail of network setting reference.

IP utility (in supplied CD) is a recommended tool to assign IP address. The default network setting is **DHCP.** Once login to EAN800A/EAN800AW, you can change TCP/IP setting for your own environment.

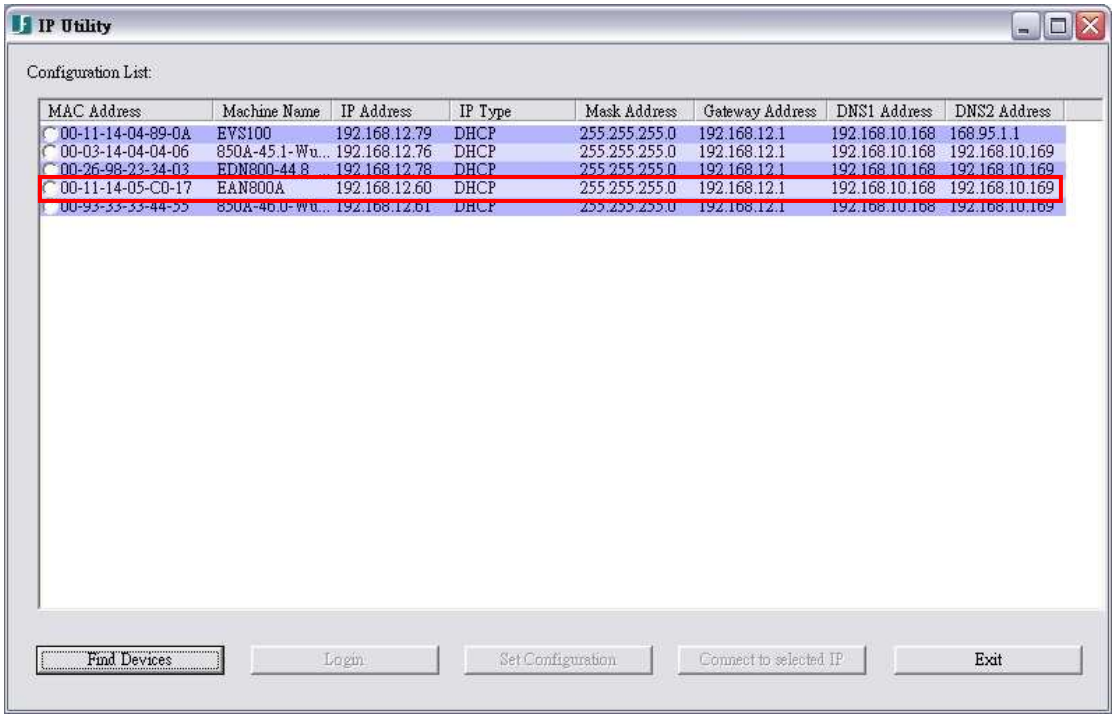
1. Active IP Utility.

2. Click “Find Devices” button.



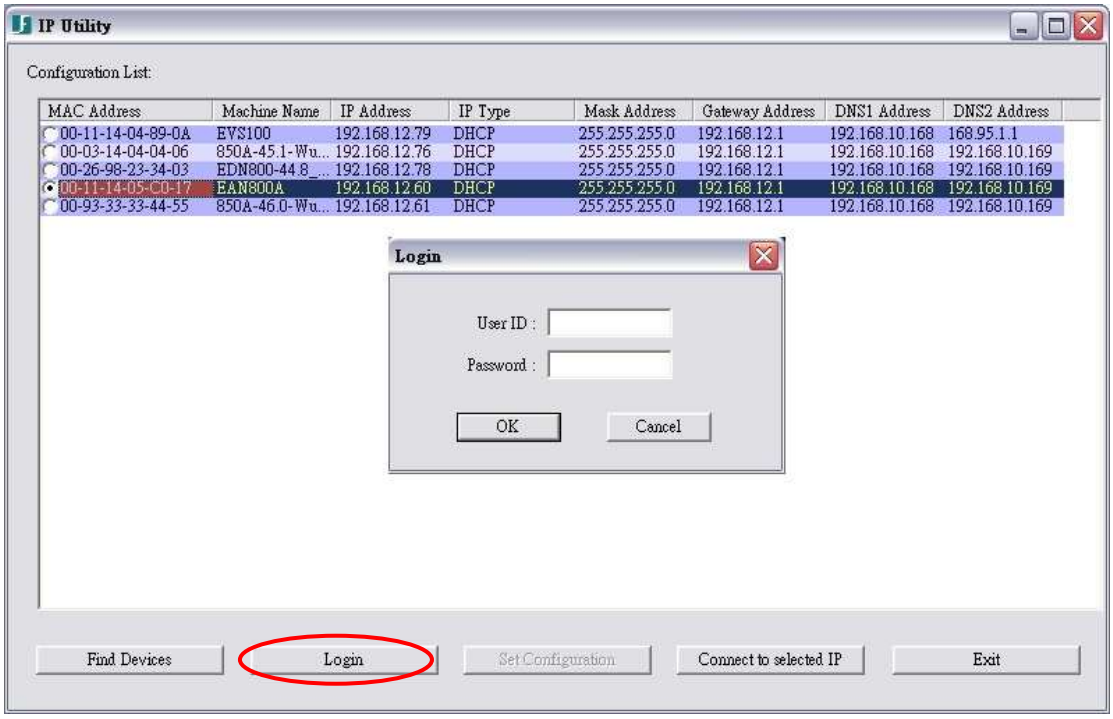
This helps to automatically obtain the EAN800A/EAN800AW network configuration details including Mac Address, Machine Name, Machine Type, IP Type, Subnet Mask, Gateway Address, DNS1 Address, and DNS2 Address.

3. The IP address of EAN800A/EAN800AW will be automatically detected and shown in the window. Tick the selected EAN800A/EAN800AW.



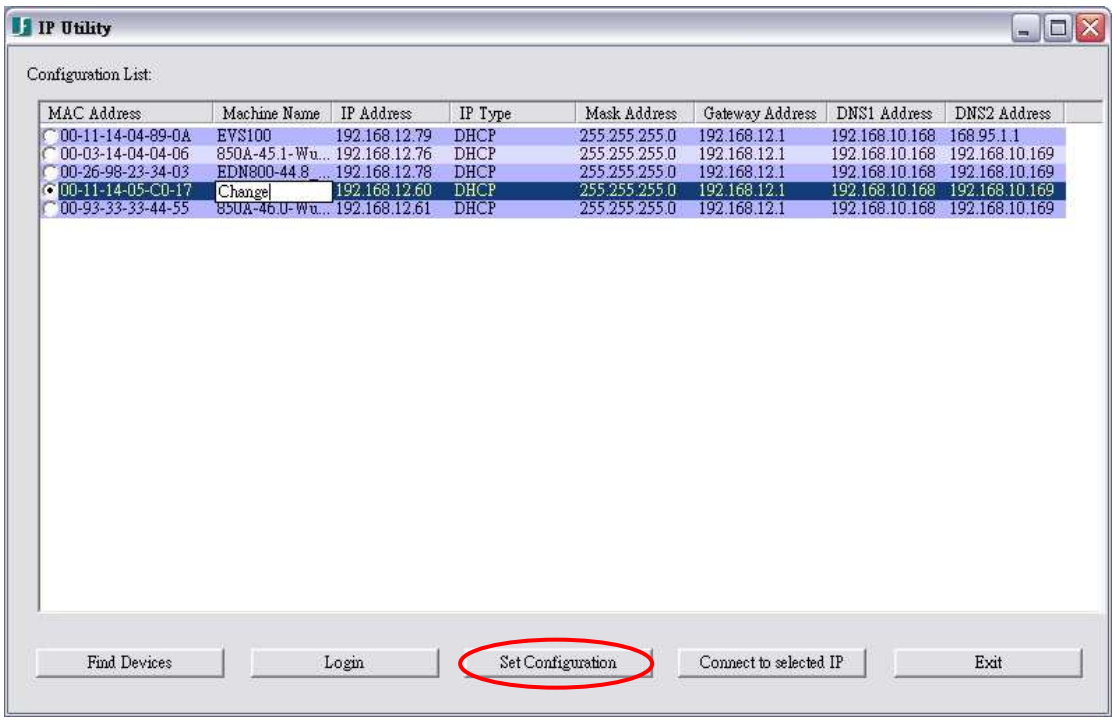
4. If you want to manually change the IP setting, YOU MUST CLICK “LOGIN”. You will be asked to enter “User ID” and “Password”. This is a security measure of configuration setting, in order to modify those network configurations of EAN800A/EAN800AW. EAN800A/EAN800AW administrator can only do the setting. Therefore only who has admin authority could modify these settings. The ID & password must be the admin user and be sent to the device when you click "Set configuration". If the ID and password do not belong to an admin user, then setting will be discarded.

NOTE: Default User ID is “user1” and default password is “11111111”.

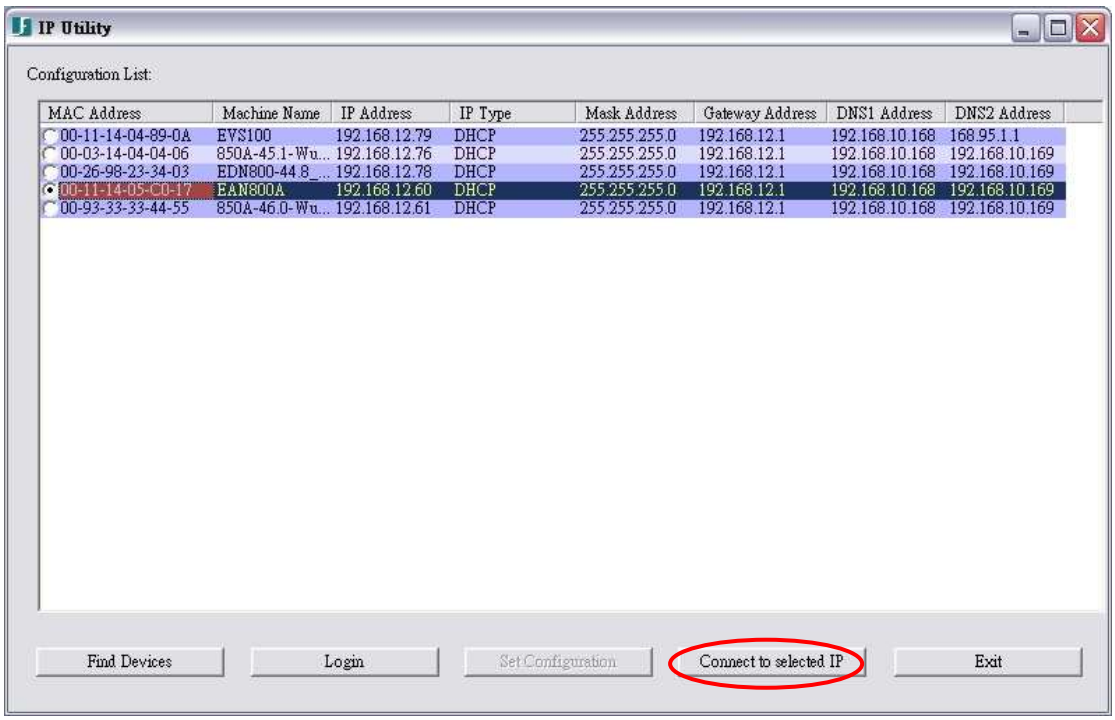


5. To change configurations, double click on the value that you wish to make change and enter the desired new value. After the change is done, press “Set Configuration” to confirm setting.

Note: Most router support DHCP. However, when you have difficulty of selecting IP type, please consult your IP administrator for the IP type your router support.



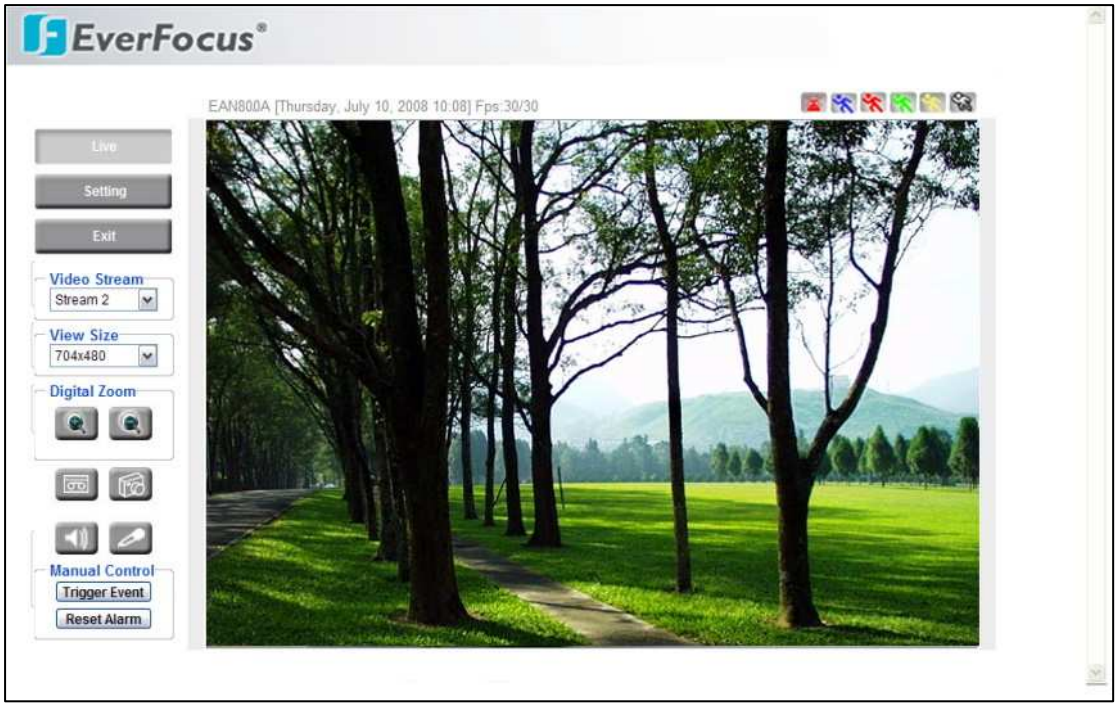
6. Click “Connect to selected IP” and the browser will automatically connect to the EAN800A/EAN800AW network page.



7. You will be asked to enter User ID and Password first.

Note: Default user name is “user1” and default password is “11111111”.

8. Now, you will be lead to the live view page of EAN800A/EAN800AW.



9. **Exit**: Close IP Utility window to finish your setting.

4. Set the wireless connection (EAN800AW)

1. You MUST connect the EAN850AW by wired connection first. Once it has been connected, please go to camera web browser and enter the wireless setting from Setting > Network > Wireless.

2. Check that the wireless settings in EAN800AW correspond to the settings in the access point.

3. Disconnect the network cable from the EAN800AW.

4. Refresh the web page after 20-30 seconds to confirm the wireless connection. If the EAN800AW cannot be accessed, please run IP Utility to discover the new IP address and try again.

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