

## How to upgrade firmware of EW-7416APn/EW-7228APn

### Use one Ethernet network cable to connect your computer to the LAN port of EW-7416APn/EW-7228APn.

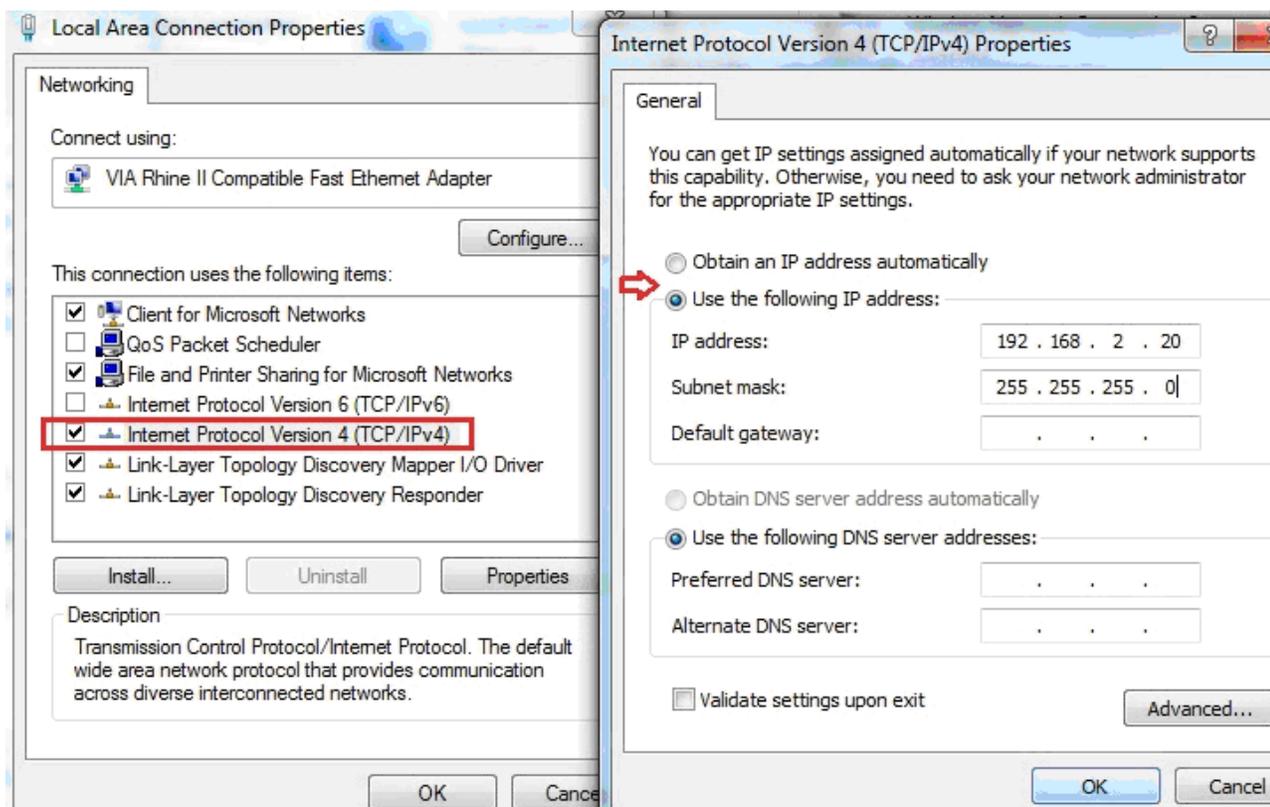
EW-7416APn/EW-7228APn is not a DHCP server by default which means it will not assign IP-address to computers, therefore we need to (temporarily) assign one manually IP address to the Ethernet network card of your computer.

EW-7416AP/EW-7228APn n has a default IP address 192.168.2.1. If your network uses IP address like 192.168.1.x, you can not access 192.168.2.x device. Here is a step by step instruction to login to the configuration page of Access Point.

For Windows 7, click on Start >> go to the box of "Search programs and files", type in "ncpa.cpl" hit Enter.

For Windows XP, click on Start >> go to Run >> type in "ncpa.cpl" hit OK.

A new window pops up. You are in "Network Connection" window. Right click on "Local Area Connection" and click on Properties. Below is a screen shot from Windows 7.



Double click on "Internet Protocol Version 4 TCP/IP". Select the option "Use the following IP address". Enter IP address as 192.168.2.20 and subnet mask as 255.255.255.0.

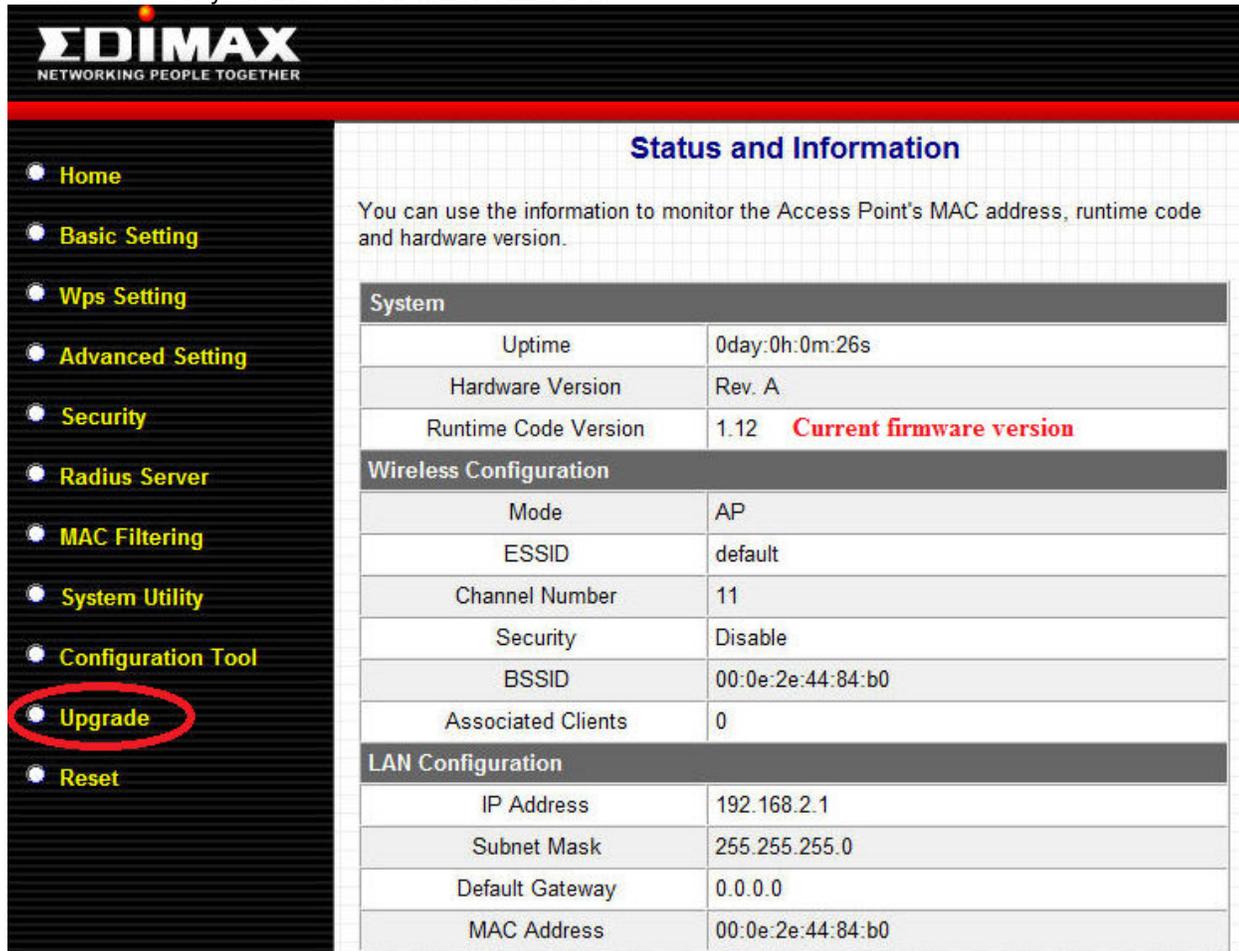
Click OK button twice to save the setting and exit the Local Area Connection Properties.

Open Internet Explorer, inside the address bar which is where you usually type in <http://www.google.com> domain name, type <http://192.168.2.1> and press Enter.

Windows prompts and asks for username and password.

**The default username is admin. The password is 1234.** Type them in the fields to login. You should see the setup page. If you can not get into the page, maybe you have changed default password. Please enter your new password for login. If you can not remember the password, you'll have to reset the **EW-7416APn/EW-7228APn** to factory default by holding the Reset button at the back of **EW-7416APn/EW-7228APn** for 20 seconds. That will erase all the setting and restore the factory default settings.

At the home page of **EW-7416APn/EW-7228APn**, find the Run Time Code Version which is the current firmware used in your **EW-7416APn/EW-7228APn**.



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### Status and Information

You can use the information to monitor the Access Point's MAC address, runtime code and hardware version.

System	
Uptime	0day:0h:0m:26s
Hardware Version	Rev. A
Runtime Code Version	1.12 <b>Current firmware version</b>

Wireless Configuration	
Mode	AP
ESSID	default
Channel Number	11
Security	Disable
BSSID	00:0e:2e:44:84:b0
Associated Clients	0

LAN Configuration	
IP Address	192.168.2.1
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
MAC Address	00:0e:2e:44:84:b0

If you want to upgrade the firmware and you have downloaded the firmware file, go to **Upgrade** in the left menu. Click on "Browse" or "Choose File". Find the latest firmware file that you download from our web site. Click on "Apply". Click OK for the reminding message. Within 2 minutes, the firmware will be upgraded.

If you know the IP addresses used in your network, you may want to assign a new IP address to **EW-7416APn/EW-7228APn**. This is done in System Utility function on the left menu. For example, if your network uses 192.168.1.x, you may assign **EW-7416APn/EW-7228APn** to 192.168.1.200. In the future, if you need to access the setup page of **EW-7416APn/EW-7228APn**, you can just go to <http://192.168.1.200> instead of <http://192.168.2.1> and without going through the above instruction.

To make the computer back to obtain IP address, go back to Network Connect Window. Right click on Local Area Connection and go to Properties. Double click on Internet Protocol TCP/IP v4. Select the option of "Obtain IP address automatically" and "Obtain DNS server address automatically". Click on OK. Click on OK. You can unplug the Ethernet cable from the computer and the Access Point.