



**WAP-6221**  
**N300 PoE Wireless Access Point, In-Wall**  
**Mount, Controller Managed**

**User's Manual**

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This quickly guider is for our 300Mbps in wall AP. It will instruct you how to configure and manage this Access Point/Router/Repeater in right ways.

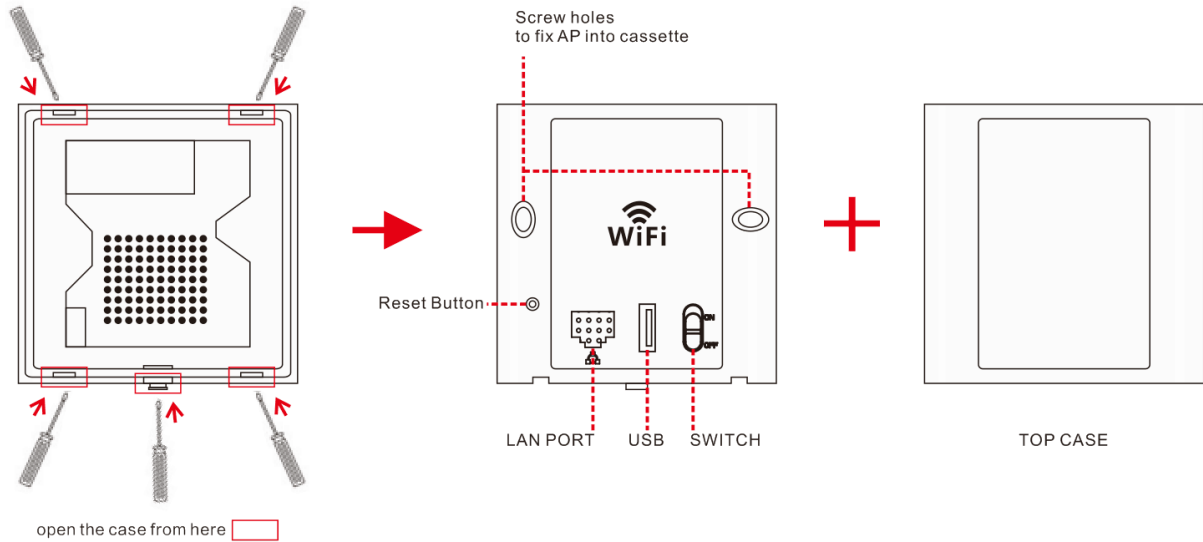
Packing Contents:

- 300Mbps in wall AP
- QIG
- Setting accessory

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# Chapter 1 Equipment Instruction and Power Supply

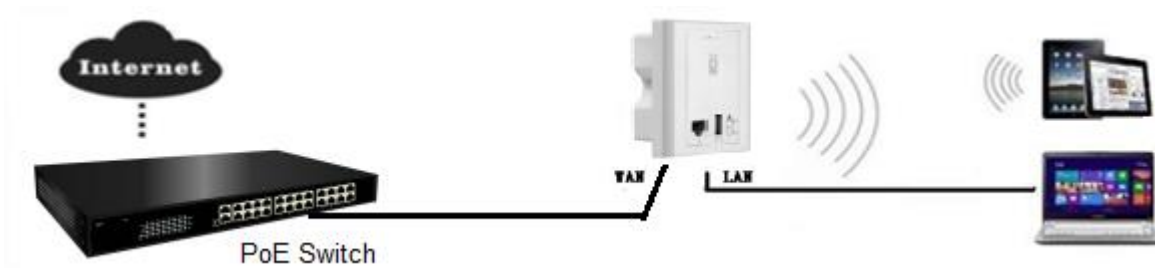
## 1. AP Installation :



## 2. PoE Power supply :

There are two way to supply power for this device:

A. PoE Switch: pls make sure the PoE switch comply with IEEE 802.3af standard; then connect switch and in wall AP as follow:



P2 Power Supply



Attent

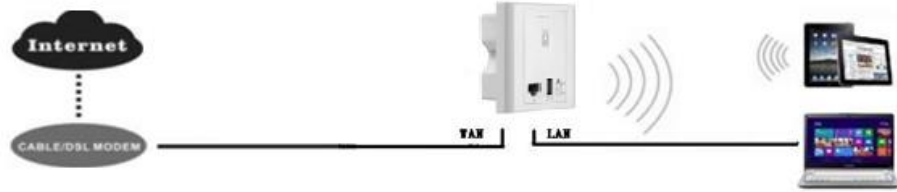
wrong connection may damage the device.

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## 3. Operation Mode description and usage:

There are three operation mode in our in wall AP: Internet Settings, Wireless Repeater, Wireless Coverage

**Internet Settings:** WAN Connection, from cable internet to Wifi internet by setup PPPoE, Dynamic IP, Static IP or PPTP in Internet Settings



P3 Internet Setting

**Wireless Repeater:** The in wall AP can bridge and extend the existing WiFi signal in this operation mode, for example: this in wall AP bridge and extend the existing Wifi Signal from router, then PC will connect with WiFi Repeater as follow:



P4 Wireless Repeater

**Wireless Coverage Mode:** LAN cable from Switch to in wall AP, then wired networking will change to Wireless network via Wireless Coverage mode. it suit for hotel, travel, business trip, home



P5 Wireless Coverage Operation mode

● **Description of LED Status:**

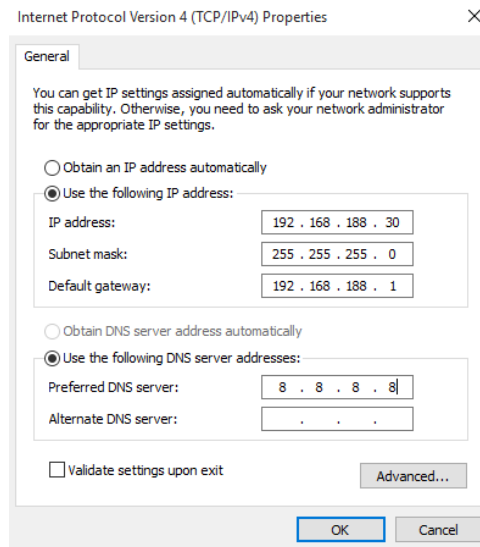
LED Status	Woking Status
Flash fast	Networking connecting
Flash slow	Networking connection success
Flash off	Networking connection failure

---

## Chapter 2 Run and Login

A. Power this in wall AP in right way

B. Set an IP address for your PC: configure local IP address as 192.168.188.X(X can be selected from 2-254), the same network segment as this access point, subnet mask is 255.255.255.0

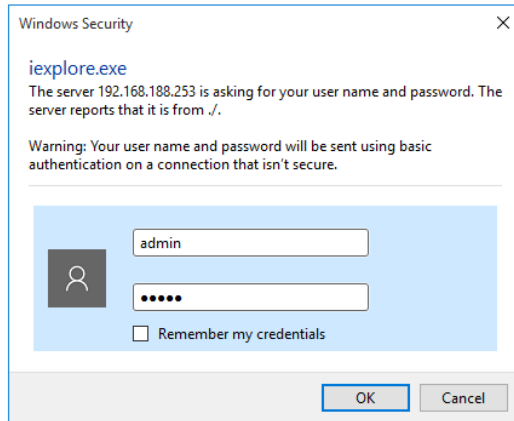


P6 IP Address configure

C. Connect in wall AP with PC by LAN Cable or Wireless

**Pls note, if connect in wall with PC by wireless, then the default SSID is Levelone 2.4G, default passwords are 66666666.**

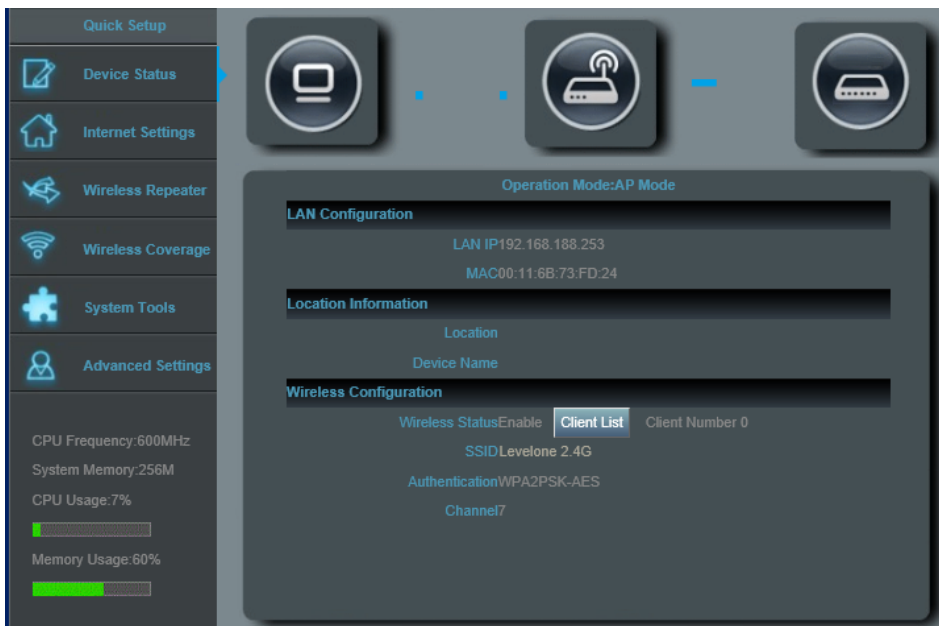
D. Log in: type 192.168.188.253 in your IE, will pop up following picture, pls input **admin/admin** in User name/Password to Log into this in wall AP



P7 Login

## Chapter 3 Operation mode setting


Log into 192.168.188.253 in your Internet Explorer and input user name/Passwords, following device status will be showed, then you can set this in wall AP as Router/Repeater/AP from Quick Setup:



P8 Device Status

Pls note, if signal strength  is blue, mean work fine,

---

if signal strength  is red, there is some connection problem.

## 1. Router operation:

Click Internet Settings, then will see following page, pls choose dynamic IP or PPPOE, then input the user name, passwords in PPPOE part, after that can change the SSID, Channel, Key as you like, then apply.



P9 Internet Setting

## 2. Repeater operation:

Click Wireless Repeater, then will see following page:





P10 Wireless Repeater

Then scan AP, choose AP, input AP's passwords to finish the connection setting.



P11 Scan AP

If you want to change this device's SSID, channel, Key, then set it from Wireless Part. After that, then apply.



## P12 Internet Setting

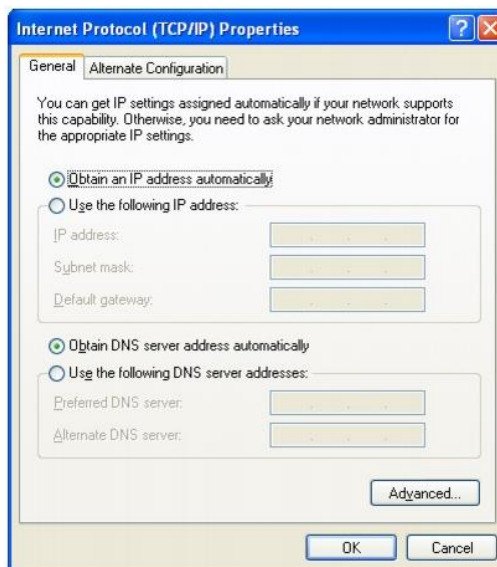
### 3. Wireless Coverage:

click wireless coverage, then will appear following page, change the SSID, Key, Channel as you like, then apply.



P13 Wireless Coverage

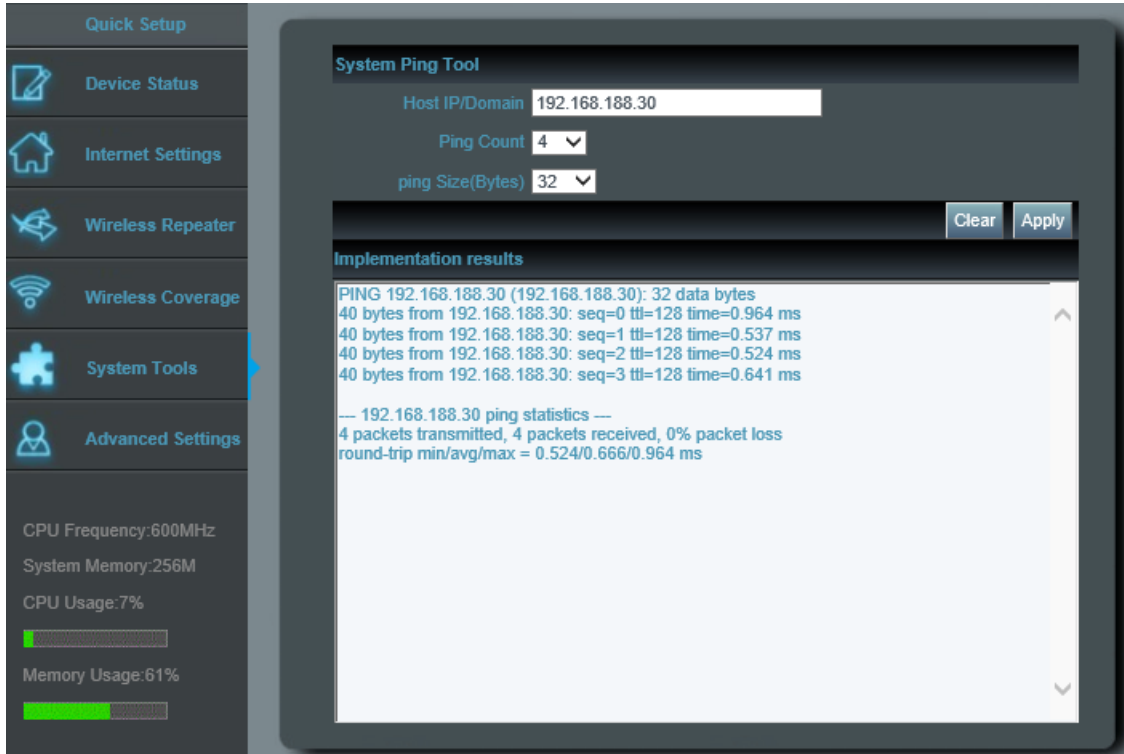
After finish the setting, then cancel the IP address you setted for your PC, then the internet setting is finished.



P14 Obtain IP address automatically

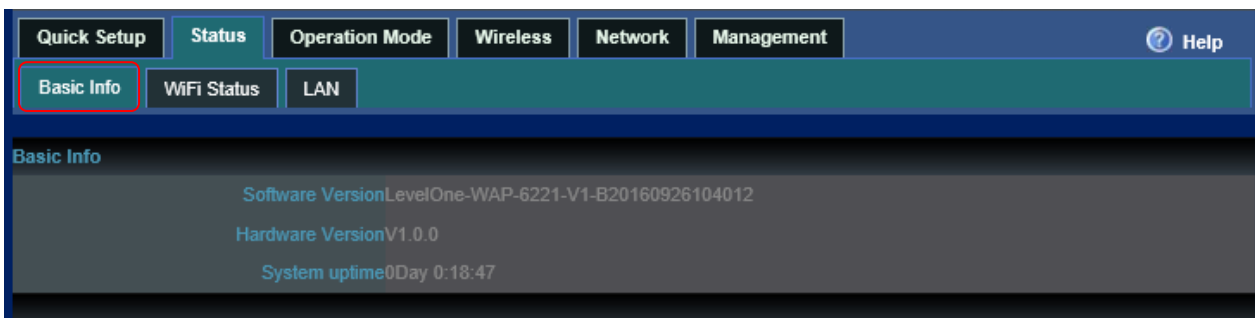
# Chapter 4 System Tools and Advanced Settings:

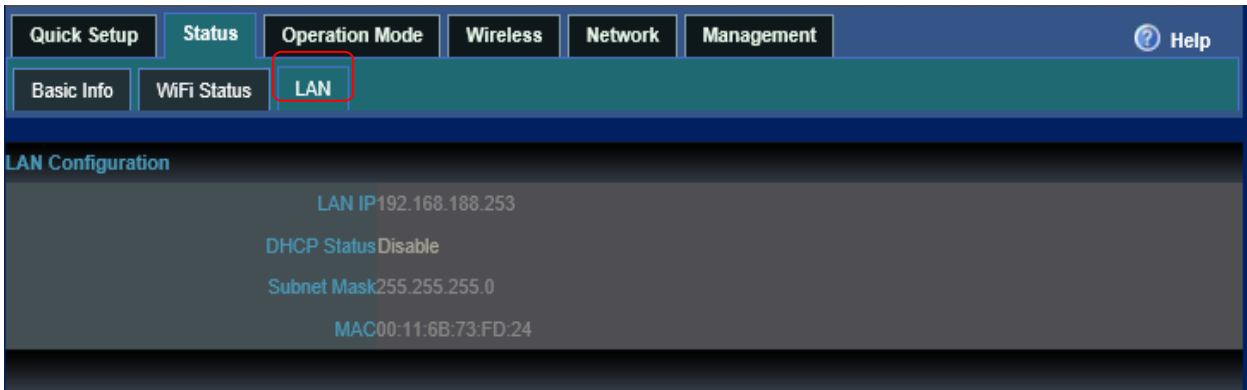
## 1. System Tools



P15 System Tools

In system tools, you can ping any IP address/Domain easy to check the AP's working status.





### P16 Advanced Setting

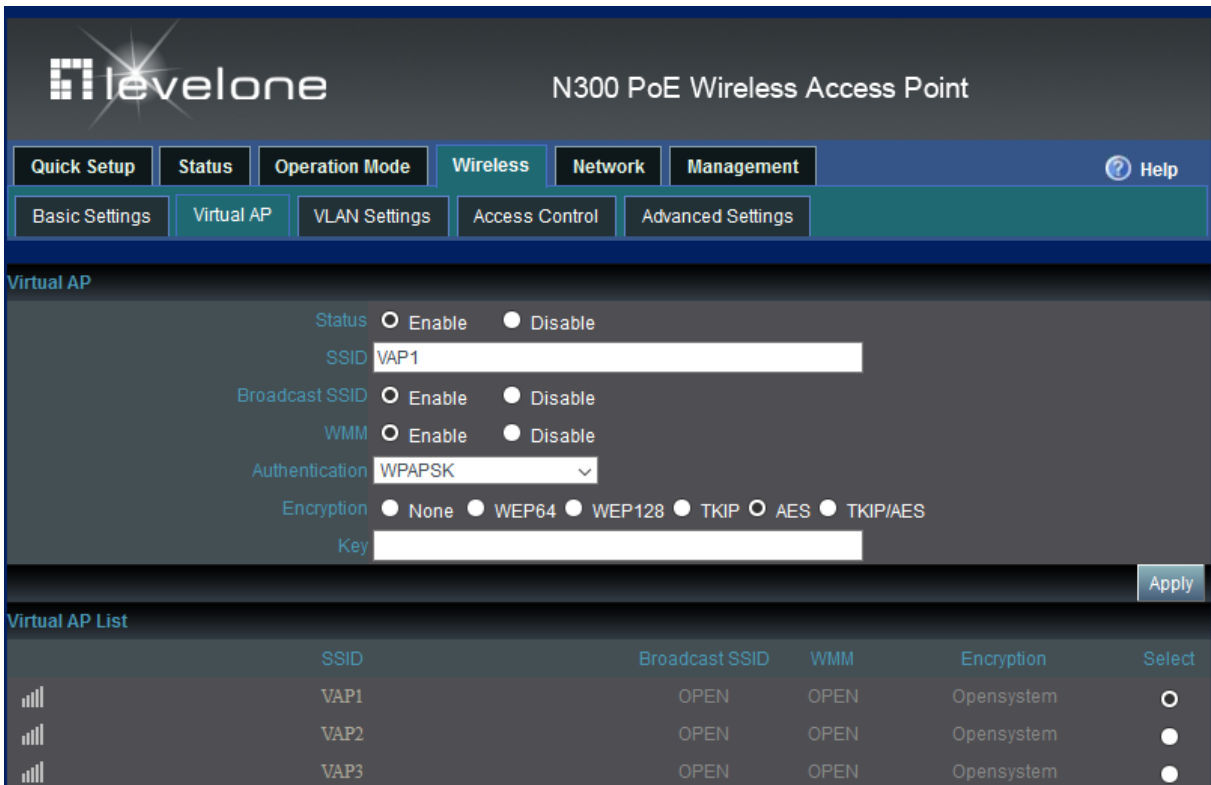
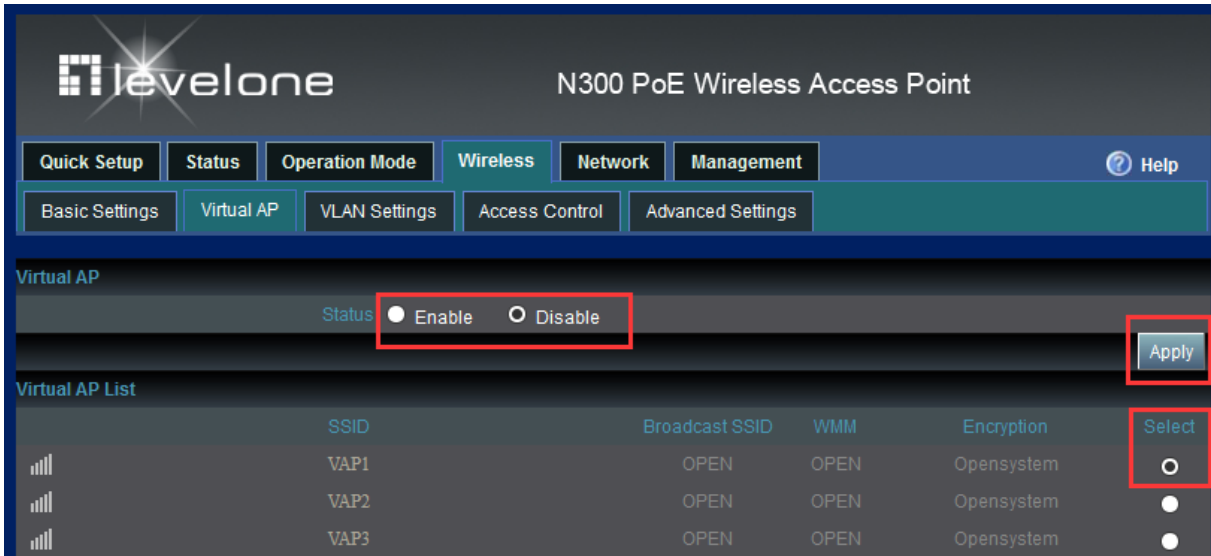
In Advanced Setting, you can set operation mode, SSID, IP address setting, Channel setting, management and firmware upgrade, let's show how to upgrade firmware and revert to default.

### 2. Wireless

In basic setting, you can change the SSID, Region, mode and decide the encryption type and key to SSID. Intelligent analysis can help you to choose the best channel.



In Virtual AP, you are allowed to use three virtual ap. Please select the SSID first and then enable it. For instance, i would like to use the VAP1, I should select VAP1 as below and then enable it. After being enabled, you can configure the details of the AP. After configuration, please apply them.



### 3. Network Setting

In this page, users can set up the basic LAN setting

Under AP Mode, DHCP from Controller means you are allowing the controller to control the IP of the AP(originally 192.168.188.253) . Therefore the controller can find and manage the AP.



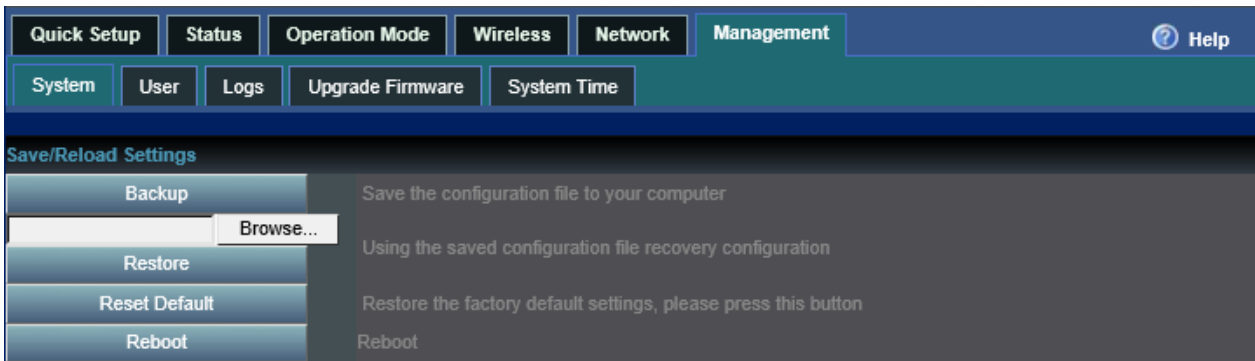
When you choose Fixed IP, that means the AP is having the right to decide its own IP instead of being totally controlled by controller. However, when the IP Address is in the same network segment as controller's, can the controller find and manage the AP. Take one for example, when controller's IP is 192.168.10.1, and only when AP's IP is 192.168.10.X can the controller find and manage the AP.



## 4. Management

### 4.1 System

Press the WPS/Reset button until the LED light off. Click Reset Default from System.

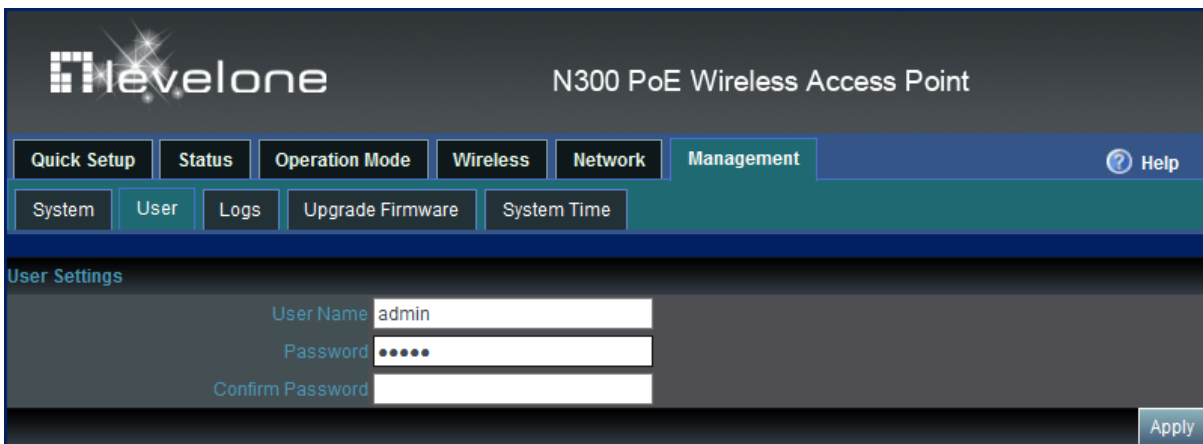


### P18 Reset Default

Backup function allows you to save the current configuration to your PC. Restore helps you to apply your configuration you saved before in your PC. Reset Default and Reboot the device just with one click.

### 4.2 User

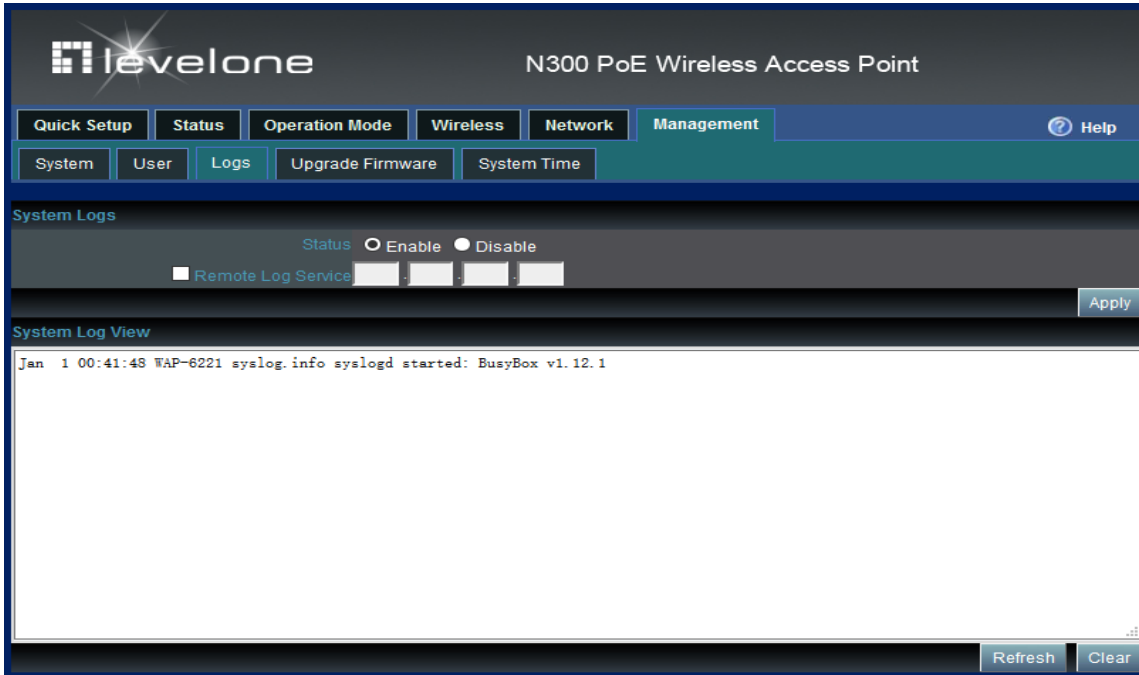
Change the user name and password for Log in



### 4.3 Logs

Logs helps to record the running history of the device which will help you a lot when you have trouble with this device. You can copy the logs and send it to consult your engineers.



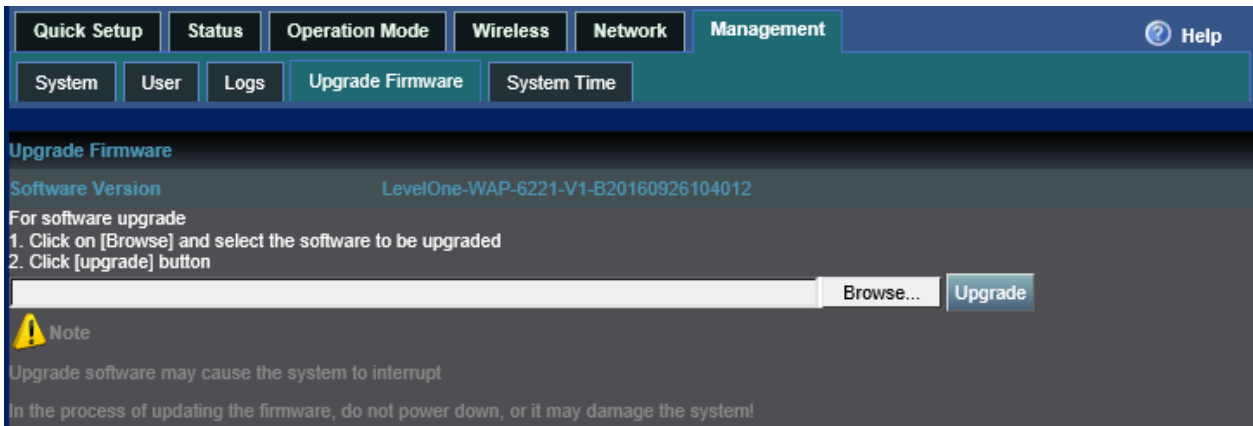


#### 4.4 Upgrade Firmware

Browse and choose the firmware should upgrade from above picture, then click upgrade.

After that click Reset Default from System to finish firmware

upgrade



#### P17 Firmware upgrade

#### 4.5 System Time

In this part, you can set the time of the device. NTP server can only work under Gateway mode. When NTP server is chosen, Sync with host will be unavailable. When it connects with controller click Sync with Host, it will get time from controller rather than from PC.

When device running at xx:xx will reboot the device automatically at xx:xx.



## N300 PoE Wireless Access Point

Quick Setup

Status

Operation Mode

Wireless

Network

Management

 Help

System

User

Logs

Upgrade Firmware

System Time

### System Time

System Time 2014-01-01 00:49:09

Synchronization with the host

When device running at 0:00 Automatic reboot

Apply

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