

300M Mini WiFi Repeater

High-power CPE

VAP11G-500

Quick Setting Guide

Declaration

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Product Introduction:

VAP11G-500 supports two kinds of functions

1. WiFi Repeater (VAP11G-500) : is a functional device that assists the Internet communication gateway to expand wireless coverage area. It is mainly used for expansion of wireless network signal and area coverage to make sure the smooth running of wireless network.

2. Intelligent WiFi Bridge mode(VAP11G-500): WiFi intelligent bridge function, wireless to wired, wired to wireless intelligent switching.

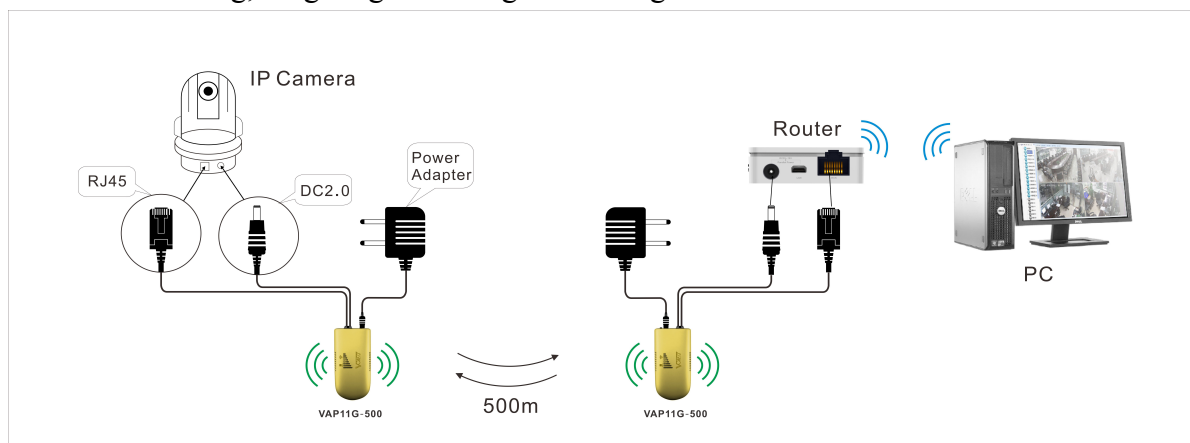


VAP11G-500 supports two kinds of power mode

1. Ordinary power mode : The factory default setting of VAP11G-500 is ordinary power mode. In this mode, the transmission distance (without obstacle) : 100m.

2. High-power mode:

In this mode, the transmission distance (without obstacle) : 500m. It is the best partner of remote monitoring, long range WiFi signal coverage.



Remark:

1. When you want to restore the factory default setting, please press RESET button on the product for 5 seconds, after blue light blink a few, it will reset automatically (it will take about 30 seconds).

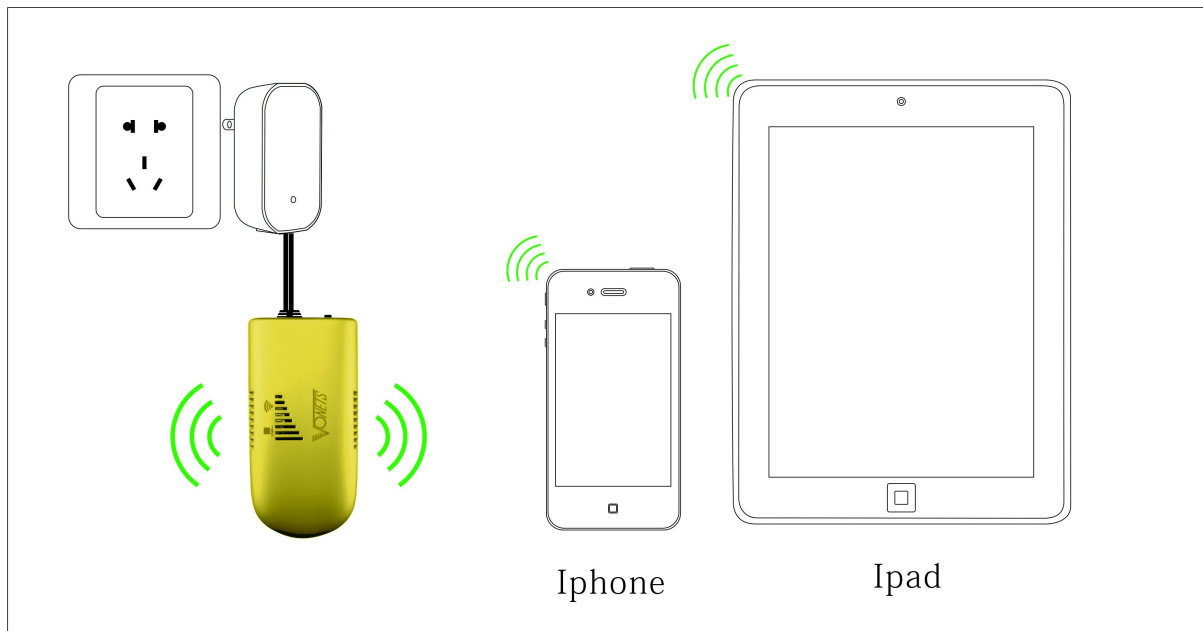
2. The operating mode is "bridge+ WiFi signal repeater". When VAP11G-500 connects other devices by wired, it will be in bridge mode automatically, if not, it will be in repeater mode, you don't need to switch it manually.

3. If you want to use the high-power mode, please purchase two or more VAP11G-500 with pairing. For the transmission distance of traditional WiFi device can't reach 500m, it can't communicate with VAP11G-500.

Chapter 1 Quick Setting Guide of WiFi Repeater mode

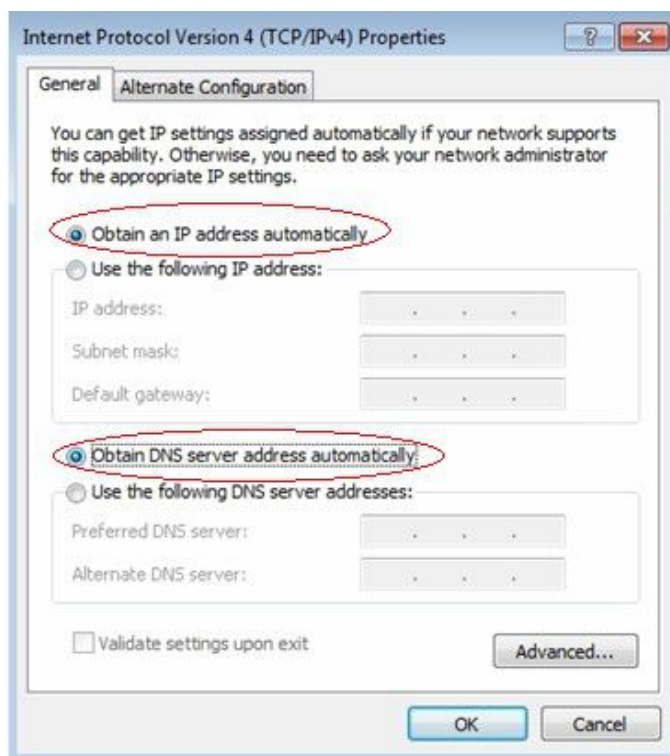
1. Configure VAP11G-500

- Wireless connect VAP11G-500 by laptops, smart mobiles, IPAD and other wireless devices.
- The default WiFi SSID (WiFi name) is: VONETS_the last six characters of product MAC address.
- The default WiFi password is 12345678
See the following picture:



If you configure it by computer, please set computer IP address to obtain an IP address automatically, please see the words in the red circle of the following picture:

VONETS—VAP11G-500 300M Mini WiFi Repeater



Tips:

- (1) If you connect VAP11G-500 by wireless, please disable the local connection of computer.
- (2) If you connect VAP11G-500 by wired, please disable the WiFi network of the Computer.

Name	Type	Status	Device Name
LAN or High-Speed Internet			
Local Area Connection	LAN or High-Speed Inter...	Disabled	Intel(R) 82562V-2 10/100 Network Connection
Wireless Network Connection	LAN or High-Speed Inter...	Connected	802.11 n/g/b Wireless LAN USB Adapter
1394 Connection	LAN or High-Speed Inter...	Disabled	1394 Net Adapter

2. Open the IE browser, enter <http://vonets.cfg> virtual domain name setting(VDNS).



Remark:

Enter domain name, then Enter, the login page will appear, the default admin and password is admin.

3. Power selection

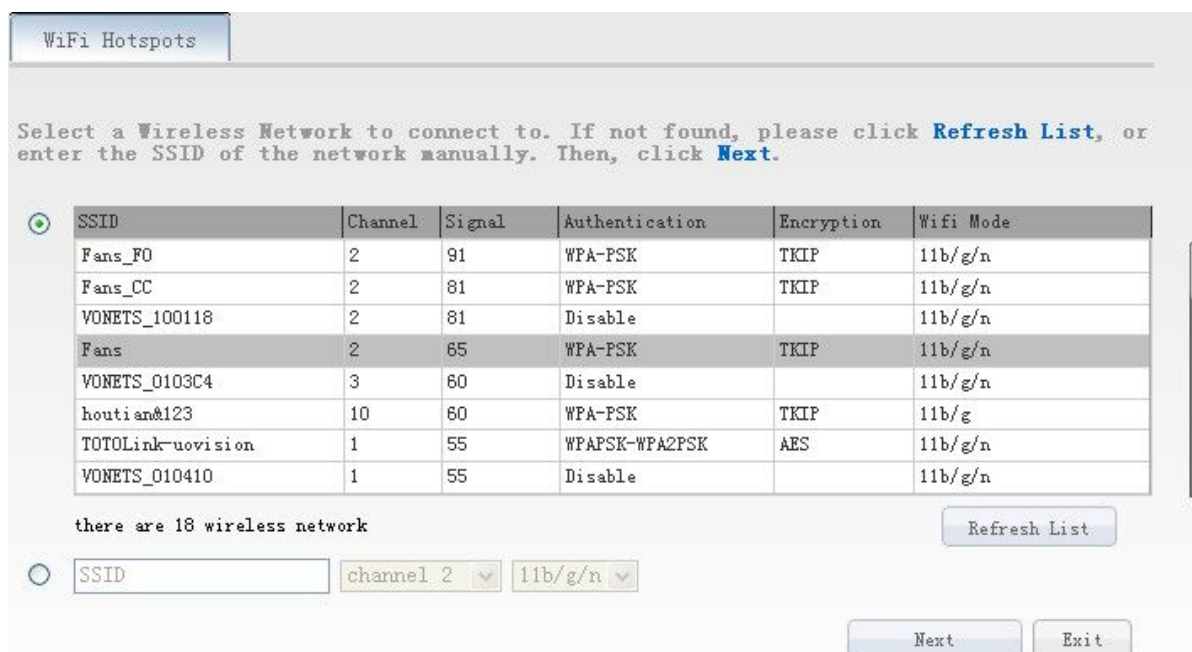
Enter the configuration interface, you can choose ordinary power mode or high-power mode. Choosing high-power, the transmission distance (without obstacle) : 500m. The factory default setting of VAP11G-500 is Ordinary power mode. Please see as below:



Remark: After switched the WiFi Tx power of the device, please turn off and reboot the device.

4. Scan Hotspots

After entering the IE browser, the WiFi hotspots window will appear, can search the WIFI hotspots signal that opened SSID broadcast around, please see the following:



➤ Choose a correct WiFi signal, then click Next, the following interface will appear:

VONETS—VAP11G-500 300M Mini WiFi Repeater

WiFi Hotspots	
Security Settings	
Security Mode	WPA-PSK
WPA Algorithms	TKIP
Pass Phrase	aibtakpl
<input checked="" type="checkbox"/> Automatic connect to memory hotspots	
<input checked="" type="checkbox"/> The repeater parameter and the hotspots synchronization	
WiFi Repeater SSID	Fans
<input type="button" value="Apply"/> <input type="button" value="Back"/>	

- Enter the correct password, confirm it is correct one, then click Apply button.

WiFi Hotspots	
Security Settings	
Security Mode	WPA-PSK
WPA Algorithms	TKIP
Pass Phrase	aibtakpl
<input checked="" type="checkbox"/> Automatic connect to memory hotspots	
<input checked="" type="checkbox"/> The repeater parameter and the hotspots synchronization	
WiFi Repeater SSID	Fans
The configured parameters have been saved successfully, please make sure the password input is correct, turn off and reboot the device!	
<input type="button" value="Apply"/> <input type="button" value="Back"/>	

- Click Apply button, the above interface will appear, the configured parameters have been saved successfully, please make sure the password input is correct, turn off and reboot the device.

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Security Settings	
Security Mode	WPA-PSK
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The configured parameters have been saved successfully, please make sure the password input is correct, turn off and reboot the device!	
<input type="button" value="Apply"/> <input type="button" value="Back"/>	

Remark:

Remark: After configured successfully, the WiFi name of the device is the name of source hot spot_the last two character of MAC address, the password, encryption method and channel are the same as the source hot spot, the users can go to WiFi Repeater option to change SSID(WiFi name) and password.

product picture, as below:



Tips:

- 1) Without connecting any hot spot, the blue status light of VAP11G-500 will rapid flashing regularly.
- 2) When connected hot spot with success and the wireless hot spot signal more than 50%, the blue status light of VAP11G-500 will rapid flashing continually.
- 3) When connected hot spot with success and the wireless hot spot signal more than 10% and less than 50%, the blue status light of VAP11G-500 will slowly flashing continually.
- 4) When connected hot spot with success and the wireless hot spot signal more than 10%, the blue status light of VAP11G-500 will off.
- 5) When failed connect hot spot, the blue status light of VAP11G-500 will off.