



# 使用配置说明书

## 网桥+中继系列说明书



配置视频

深圳市后天网络通信技术有限公司  
http://www.vonets.com.cn 电话:0086-755-26642519/26645879

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表1

传输距离参数表			
型号	无障碍点对点传输距离	传输速率 (Mbps)	频段
VAP11N-300	50m--80m	300	
VAP11G-300	80m--100m	300	
VAP11G-500	250m--300m	300	
VAP11AC	250m--300m	900	5G

表2

供电电源参数表			
型号	供电电压范围	输入功率	典型供电电源
VAP11N-300	DC5--15V	≥5W	5V/1A
VAP11G-300	DC5--15V	≥5W	5V/1A
VAP11G-500	DC5--15V	≥10W	5V/2A
VAP11AC	DC5--15V	≥10W	5V/2A

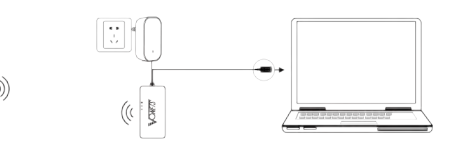
### 应用方式

**1. WIFI 中继:**  
此应用中VONETS设备用于扩展已有AP或无线路由器的无线信号覆盖范围。计算机可以通过无线连接到该设备。VONETS设备添加源热点后，它的DHCP服务器默认停用。



### 2. WIFI 网桥:

此应用中VONETS设备用于扩展已有AP或无线路由器的无线信号覆盖范围。计算机可以通过有线连接到该设备。VONETS设备添加源热点后，它的DHCP服务器默认停用。



### 3. WIFI AP:

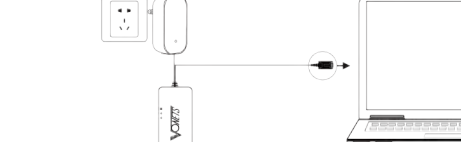
此应用中将VONETS设备实现有线局域网的无线接入功能。计算机可以通过无线连接到该设备。VONETS设备成功连接有线局域网后，它的DHCP服务器默认停用。



### 配置说明

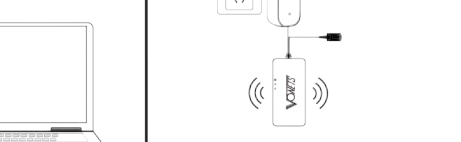
#### 1. 连接设备

VONETS设备接通电源（5V/2A），然后与电脑连接，具体连接方式有以下两种：  
1) 电脑有线连接VONETS设备的LAN口；



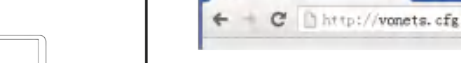
#### 2) 电脑无线连接VONETS设备的WiFi信号，它的热点参数如下：

WiFi SSID: VONETS\_\*\*\*\*\* (与VONETS设备MAC地址对应)  
WiFi密码: 12345678

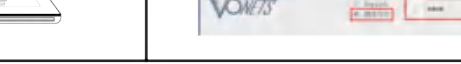


#### 2. 中继+网桥的应用配置 (中继与网桥的应用配置方法基本相同)

1) 电脑连接上VONETS设备后，打开电脑浏览器，在地址址输入配置域名 http://vonets.cfg (或者IP: 192.168.254.254)，然后按下回车键；



2) 在登录页输入用户名和密码 (均为admin)，点击“Login”按钮进入配置页；



#### 2) 电脑无线连接VONETS设备的WiFi信号，它的热点参数如下：

WiFi SSID: VONETS\_\*\*\*\*\* (与VONETS设备MAC地址对应)  
WiFi密码: 12345678



#### 2. 中继+网桥的应用配置 (中继与网桥的应用配置方法基本相同)

1) 输入上一级无线热点的密码，点击“提交”；（此处的“高级设置”可以不作更改，若需要了解关于此选项的说明可以到网站www.vonets.com.cn下载文档“V系列网桥高级功能说明”）



2) 在登录页输入用户名和密码 (均为admin)，点击“Login”按钮进入配置页；

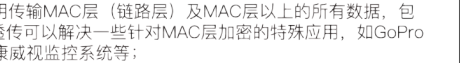


#### 3) "WiFi搜索"，选中上一级热点，点击“下一步”；



#### 4) 输入上一级无线热点的密码，点击“提交”；

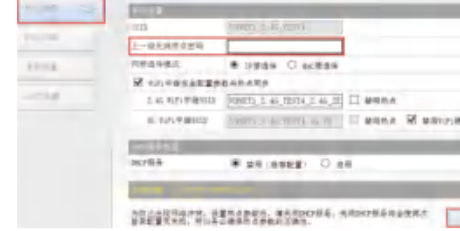
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• IP层透明 (出厂默认)，透明传输IP层的数据，能满足绝大部分的网桥应用；  
• MAC层透传，可透明传输MAC层（链路层）及MAC层以上的所有数据，包括IP层数据。MAC透传可以解决一些针对MAC层加密的特殊应用，如GoPro相机、慧视AI2、海康威视监控系统等。  
• "WiFi中继安全参数与热点同步" 默认勾选，即VONETS中继器的SSID与源热点的SSID关联，而且WiFi密码与源热点的密码相同；  
• 若勾选SSID右侧的“禁用热点”，则该设备将不会发射对应热点，只能作为网桥应用；



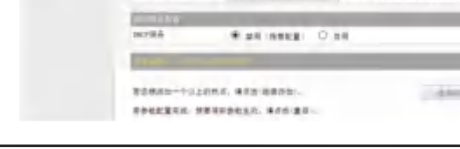
#### 5) 点击“重启”，VONETS设备重启后会自动连接已配置的WiFi热点，若连接成功，WiFi状态灯会快速闪烁。



#### 3. AP的应用配置

VONETS设备作为AP应用时可以配置，无线终端设备连接VONETS的热点即可以联网，但为了网络的安全性最好更改它的WiFi名称和密码。

1) 在电脑浏览器登录配置页面http://vonets.cfg (或者IP: 192.168.254.254) 用户名和密码均为admin；

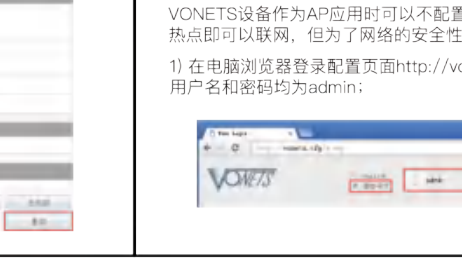


#### 指示灯对应表

型号	蓝灯	绿灯	黄灯
VAP11N-300		以太网线连接状态灯	无
VAP11G-300		以太网线连接状态灯	无
VAP11G-500		以太网线连接状态灯	无
VAP11AC		5G WiFi连接状态灯	以太网线连接状态灯

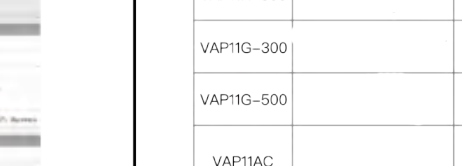
- 1) VONETS网桥未连接任何热点时，WiFi连接状态灯快闪。
- 2) VONETS网桥连接热点成功时，WiFi连接状态灯快闪。
- 3) VONETS网桥连接热点失败时，WiFi连接状态灯慢闪。

#### 5) 点击“重启”，VONETS设备重启后会自动连接已配置的WiFi热点，若连接成功，WiFi状态灯会快速闪烁。



#### 源热点:

• If you select "Disable hotspot" on the right side of the SSID, the device will not transmit the corresponding hotspot and can only be used as a bridge application.



#### 4) Input "Source wireless hotspot password", click "Apply";

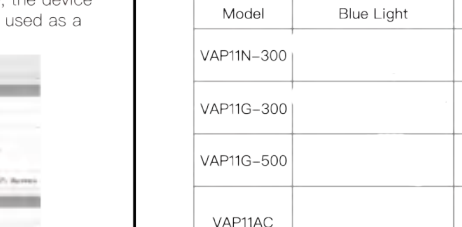
(The "Advanced Setting" here can be kept unchanged, for instructions on this option, go to www.vonets.com and download the "VONETS Series Product Instruction Guide").



#### 2) Enter User name and Password in login page (both are "admin"), click "Login" button to enter configured page;



#### 3) "Scan Hotspots", choose the source hotspots, click "Next";



#### 4) Input "Source wireless hotspot password", click "Apply";

(The "Advanced Setting" here can be kept unchanged, for instructions on this option, go to www.vonets.com and download the "VONETS Series Product Instruction Guide").

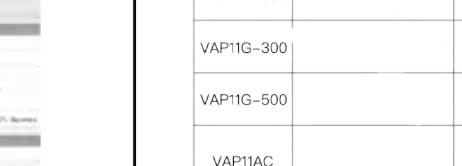


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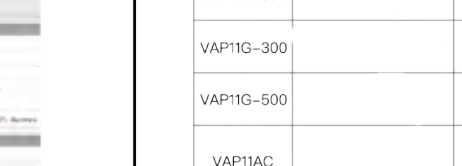


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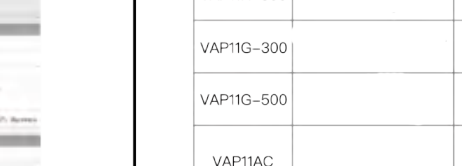


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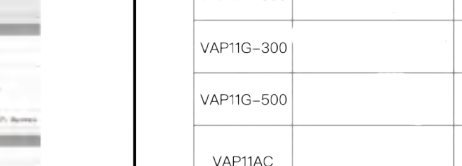


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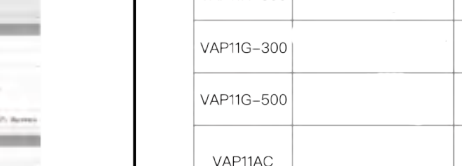


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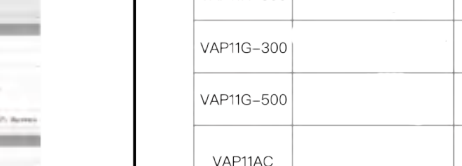


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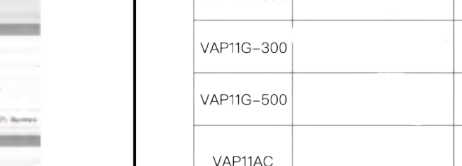


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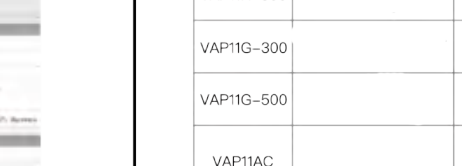


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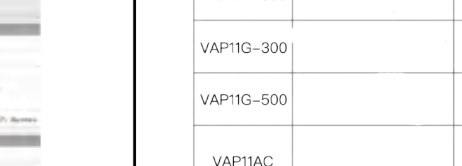


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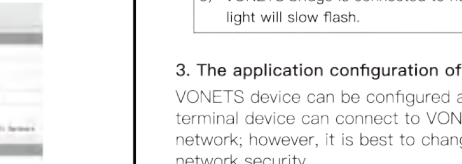
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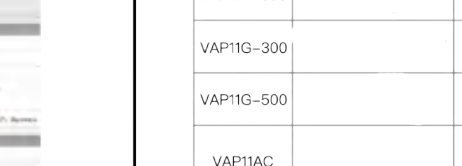


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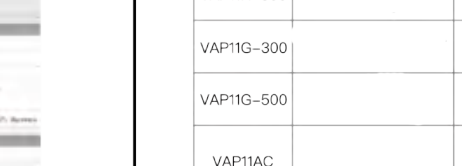


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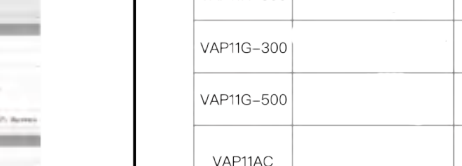


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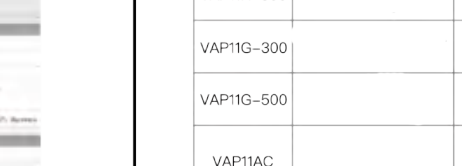


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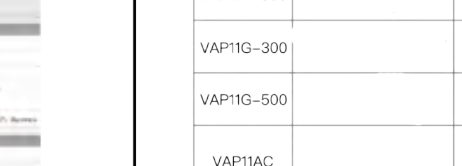


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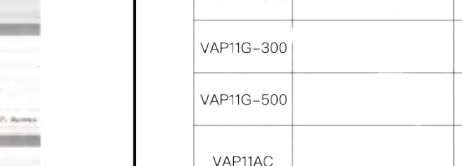


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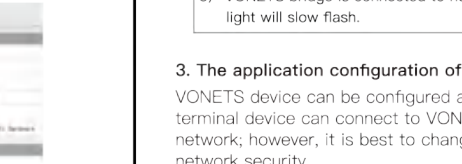
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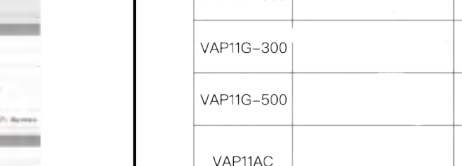


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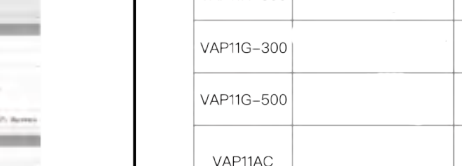


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## **FCC STATEMENT :**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

**Warning:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.