

## Eight, common problems and solutions

common problem		Solution Connect
Can not boot	battery drained	the power adapter to charge and then turn it on
	The key is pressed for too short a time	Please press and hold for at least 3 seconds
Unable to turn off button	press time is too short	Please press and hold for at least 3 seconds, but no more than 10 seconds
3G/4G cannot connect to the Internet	no SIM card inserted	Please insert a valid SIM card
	SIM card in arrears	Please recharge or replace the SIM card
	If the SIM card is not activated for 3G/4G network, please	contact the operator to activate it
	Current location 3G/4G signal is not covered or weak	Change the ball position
WIFI unable to connect	Select SSID is wrong	Select the corresponding SSID
	WIFI password error	Enter the correct encryption type and password
	Weak WIFI signal	Appropriately close to the ball machine position
	WIFI signal is strong but connection is unstable	The current channel interference is serious, replace the relatively idle wireless channel
Unable to locate the control ball	Unable to locate successfully	The satellite signal needs to be received outdoors where the sky is visible, but cannot be received indoors; the problem of inability to locate may also occur under the viaduct.

## 9. Appendix: Instructions for using the built-in router

### 1. Setup preparation

#### 1.1 Connecting the device

You can connect your computer and router by following steps.

##### 1.1.1 Set the IP address of the computer

Before accessing the web settings page, it is recommended that you set your computer to "Obtain an IP address automatically" and "Obtain DNS server address automatically", the IP address is automatically assigned by the router. if you need To assign a static IP address to a computer, you need to associate the computer's IP address with the router's LAN port. The IP address is set in the same subnet (the default IP address of the router's LAN port is: 192.168.1.1, The subnet mask is 255.255.255.0).

##### 1.1.2 Connect via WiFi

Detect the wireless network connection of the wireless router, then click the 'connect' button to establish the connection, wireless The password is: 12345678.



1.1.3 Confirm that the computer is connected to the router

After your computer shows that the IP has been successfully obtained, use the Ping command to confirm that the computer and

Whether the connection between routers is successful.

For example, in Windows XP environment, execute the Ping command: Ping 192.168.1.1. like

If the following screen is displayed, it means that the computer has successfully established a connection with the router.

```
C:\Users\Administrator.XX-20140918FWIB>ping 192.168.10.1

正在 Ping 192.168.10.1 具有 32 字节的数据:
来自 192.168.10.1 的回复: 字节=32 时间=1ms TTL=64
来自 192.168.10.1 的回复: 字节=32 时间=4ms TTL=64
来自 192.168.10.1 的回复: 字节=32 时间=2ms TTL=64
来自 192.168.10.1 的回复: 字节=32 时间=2ms TTL=64
```

1.2 Log in to the router

Next you will land on the router web settings page.

## Instructions for Quickly Deploying the Ball

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Enter "http://192.168.1.1" in the address bar of the web browser, and enter in the pop-up box

Login username and password.

When you log in for the first time, please enter the default username: admin, password: admin.



### 1.3 Enter the router web settings page

After successful login, enter the web setting page, then you can set and manage the router.

made sense.

Instructions for Quickly Deploying the Ball

<a href="#">当前状态</a>   <a href="#">工作模式</a>   <a href="#">WAN 设置</a>   <a href="#">VPN</a>   <a href="#">LAN 设置</a>   <a href="#">无线设置</a>   <a href="#">网络安全</a>   <a href="#">系统服务</a>   <a href="#">路由设置</a>   <a href="#">设备管理</a>   <a href="#">退出</a>
<div style="display: flex; justify-content: space-between; padding: 5px;"> <span>▶ <b>系统状态</b></span> <span>系统信息</span> <span>接口统计</span> </div>

刷新
帮助

设备工作模式
标准无线路由模式

**WAN 状态:**

连接方式	以太网--动态 IP	<div style="display: flex; justify-content: flex-end; gap: 5px;"> <span style="border: 1px solid #ccc; padding: 2px 5px;">释放</span> <span style="border: 1px solid #ccc; padding: 2px 5px;">更新</span> </div>
IP 地址	192.168.1.3	
子网掩码	255.255.255.0	
网关地址	192.168.1.1	
域名地址1	192.168.1.1	
域名地址2	0.0.0.0	
DHCP剩余时间	21:49:32	
MAC 地址	00:B0:C0:42:3F:33	
保持时间	6 天 :02:10:31	

**LAN 状态:**

IP 地址	192.168.10.1
子网掩码	255.255.255.0
DHCP服务器	启用
MAC 地址	00:B0:C0:42:3F:32

**3G模组 状态:**

没有发现3G模组

**因特网时间:** 09/28 2014 Sun 12:29:52

## 2. Working mode

Provides 4 working modes: 3G/4G wireless routing mode (default), standard wireless routing mode,

Wireless AP+wireless client bridge mode, wireless AP+wireless client mode:

## Instructions for Quickly Deploying the Ball

当前状态 | 工作模式 | WAN 设置 | VPN | LAN 设置 | 无线设置 | 网络安全 | 系统服务 | 路由设置 | 设备管理 | 退出

▶ 工作模式

**设备工作模式**

☐ 3G 无线路由模式  
无线网络及有线网络均作为局域网接入, USB口插入3G上网卡连接Internet.



☒ 标准无线路由模式  
无线网络作为局域网接入, 有线网口连接Internet. 支持PPPoE拨号/DHCP/静态IP等方式.



☐ 无线AP+无线客户端桥模式  
无线和有线网络作为局域网接入点, 无线以桥接连接远程AP



☐ 无线AP+客户端模式  
无线和有线连接作为局域网接入点, 无线接口同时作为客户端连接其他的AP.



确定 取消

**帮助**

工作模式: 切换设备的工作模式. 如果选择'智能路由模式', 设备将是否插上网卡或3G设备自动判断上网方式. 设备判断的顺序分别是: 3G拨号 --> 自动获取IP --> PPPoE --> 无线AP+客户端模式. 相关的参数, 请在相应的界面里预先设置好.

## 2.1 3G/4G wireless routing mode.

The default of the dome router is 3G/4G wireless routing mode, insert the 3G/4G tariff card, the router will Automatically identify 3G/4G network. You can also define the network operator you need to choose.

当前状态

工作模式

3G 设置

VPN

LAN 设置

无线设置

网络安全

系统服务

路由设置

设备管理

退出

连接方式

流量控制

断线检测

动态域名

3G 设置

拨号设备选择

☒ 选择3G设备拨号
 ☐ 选择串口 UART1 拨号

自动选择3G服务商

☒

3G 服务商选择

用户自定义

APN

Pin Code

拨号号码

#777

用户名

密码

认证方式

☒ 自动选择
 ☐ CHAP
 ☐ PAP

断线自动连接

☒

路由器在拨号失败:

0

次后重新启动。(0 关闭此功能)

特殊初始化AT指令

(如果有多条AT指令, 请用';'分隔)

3G网络设置

CDMA 1X/EVDO网络设置

自动切换CDMA 1X/EVDO

GSM/TD-SCDMA网络设置

3G优先

WCDMA网络设置

3G优先

帮助

3G 拨号: 设置3G拨号的上网参数。如果启用'自动选择3G服务商', 设备拨号时将根据国际移动台IMSI号自动填入ISP的相关信息。

确定

取消

Carrier	3G/4G Network APN Dia	Up Number User	name Password		
China Mobile	TD-SCDMA	cmnet	*99# or *98*1# card		card
China Telecom	CDMA2000	null	#777	Card	card
China Unicom	WCDMA	3G/4Gnet	*99#	sky sky	

## 2.2 Wired Access Standard Routing Mode

### 2.2.1 Static Internet access

Enter the router management interface and select the standard routing mode for the working mode, and select the WAN setting to connect to the Internet.

Select a static address, enter the IP address, network mask, gateway, DNS and other related parameters provided by the ISP,

Click to confirm.

## Instructions for Quickly Deploying the Ball

当前状态	WAN 设置	LAN 设置	无线设置	QoS管理	网络安全	系统服务	路由设置	设备管理	退出
------	--------	--------	------	-------	------	------	------	------	----

  

▶ 连接方式	断线检测	MAC克隆	动态域名
--------	------	-------	------

  

### WAN设置

上网方式: 静态地址 (手工配置地址)

Ip 地址: 192.168.2.208

子网掩码: 255.255.255.0

缺省网关: 192.168.2.1

MTU: 1500 (576~1500)

主DNS服务器: 202.96.128.86

辅DNS服务器: 220.192.32.103 (可选)

确定 取消

### 帮助

静态IP设置: 填写ISP分配的IP地址,子网掩码,网关地址.MTU是最大传输单元,在因特网上允许传输的包大小.DNS服务器地址,必须手动输入并且至少填写一个.

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## 2.2.2 Dynamic Internet access

Enter the working mode of the router management interface, select the standard routing mode, and set the WAN Internet access mode.

Select the dynamic address, click OK, the router will automatically obtain the parameters assigned by the ISP.

当前状态	WAN 设置	LAN 设置	无线设置	QoS管理	网络安全	系统服务	路由设置	设备管理	退出
------	--------	--------	------	-------	------	------	------	------	----

  

▶ 连接方式	断线检测	MAC克隆	动态域名
--------	------	-------	------

  

### WAN设置

上网方式: 动态地址 (从DHCP服务器自动获取)

MTU: 1500 (576~1500)

主DNS服务器: 202.96.128.86 (可选)

辅DNS服务器: 220.192.32.103 (可选)

主机名: (可选)

确定 取消

### 帮助

动态IP设置: MTU是最大传输单元,在因特网上允许传输的包大小.DNS服务器地址,可手动输入也可从ISP获取.

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## 2.2.3 PPPoE Internet Access Mode

Enter the router management interface working mode, standard routing mode, WAN settings Internet access mode selection

PPPoE, enter the user name, password and other related parameters provided by the ISP, and click OK.

当前状态	WAN 设置	LAN 设置	无线设置	QoS管理	网络安全	系统服务	路由设置	设备管理	退出
------	--------	--------	------	-------	------	------	------	------	----

  

连接方式	断线检测	MAC克隆	动态域名
------	------	-------	------

  

**WAN设置**

上网方式: PPPoE (大部分的宽带网或xDSL)

PPPoE 用户名: PPPoE

PPPoE 密码: ●●●●●●

MTU: 1492 (546~1492)

主DNS服务器: 202.96.128.86 (可选)

辅DNS服务器: 220.192.32.103 (可选)

主机名: (可选)

服务名称: (可选)

确定 取消

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**帮助**

PPPoE设置: 填写ISP提供的用户名和密码。MTU是最大传输单元。在因特网上允许传输的包大小。DNS 服务器地址,可手动输入也可从ISP获取。服务名称是ISP的名称,一般ISP不要求填写。

## 2.3 Wireless AP+Client Bridge Mode

After selecting this mode, we can use the dome router as a bridge AP for bridge

Connect to the previous wireless router

2.3.1 First set the local IP of the computer to 192.168.1.100, connect the LAN2 interface through the network cable,

Enter the router management interface and select the wireless AP+client bridge mode.

## Instructions for Quickly Deploying the Ball

当前状态

工作模式

LAN 设置

无线设置

设备管理

退出

工作模式

设备工作模式

☐ 3G 无线路由模式  
 无线网络及有线网络均作为局域网接入, USB口插入3G上网卡连接Internet.

☐ 标准无线路由模式  
 无线网络作为局域网接入, 有线网口连接Internet. 支持PPPoE拨号/DHCP/静态IP等方式.

☒ 无线AP+无线客户端桥模式  
 无线和有线网络均作为局域网接入点, 无线以桥接连接远程AP

帮助

工作模式: 切换设备的工作模式. 如果选择“智能路由模式”, 设备将是自动判断上网方式. 设备判断的顺序分别是: 3G拨号 --> 自动获取IP --> PPPoE --> 无线AP+客户端模式. 相关的参数, 请在相应的界面里预先设置好.

## 2.3.2 Click LAN settings, search for wireless networks,

当前状态

工作模式

LAN 设置

无线设置

设备管理

退出

无线设置

基本设置

启用AP-Client桥接

☒

服务端AP SSID

Remote\_AP\_SSID

搜索无线网络...

无线连接:

未连接

无线安全

安全模式

Open System

加密类型

None

确定

取消

帮助

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2.3.3 You can see the valid wireless AP names within the current range, select the corresponding wireless AP

	ChinaNet-5RPL [ 4c:09:b4:89:0f:1f ]	 WPA1PSKWPA2PSK/AES	Channel 10	 29%	<input checked="" type="checkbox"/>
	TP-LINK_3D76E6 [ d8:5d:4c:3d:76:e6 ]	 WPA1PSKWPA2PSK/AES	Channel 4	 10%	<input type="checkbox"/>
	84181711 [ e0:05:c5:2f:01:b8 ]	 WPA1PSKWPA2PSK/AES	Channel 4	 5%	<input type="checkbox"/>
	sfszp [ ec:88:8f:73:43:92 ]	 WPA1PSKWPA2PSK/AES	Channel 6	 0%	<input type="checkbox"/>

2.3.4 Enter the selected wireless AP password to bridge the previous wireless AP.

当前状态 | 工作模式 | LAN 设置 | 无线设置 | 设备管理 | 退出

▶ 无线    基本设置

启用AP-Client桥接 ☒

服务端AP SSID

---

**无线安全**

安全模式

**WPA-PSK 加密**

加密类型 ☐ TKIP ☒ AES ☐ TKIPAES

WPA-PSK 密钥

#### 2.4 Wireless AP+Client Mode

Router management interface - working mode - wireless AP + client mode, click OK.

Wireless Connection - Select ApClienet-Dynamic Address (from the DHCP service) from the drop-down menu

automatically acquired by the device), click to search for wireless networks, and all the wireless networks found will be automatically popped up at this time.

Network selection dialog box, select the WIFI network to be connected, pay attention to check the channel of the selected network

That is, what is the Channel, click to connect. If the selected WIFI has a password, please

### Instructions for Quickly Deploying the Ball

Enter the corresponding password. At this time, pay attention to whether the password is character or hexadecimal. point

Click to confirm

Select the corresponding Channel in the router management interface - wireless settings - wireless channel.

▶ 连接方式

断线检测

MAC克隆

动态域名

WAN设置

上网方式

APClient-动态地址 (从DHCP服务器自动获取)

1

MTU

1500

(576~1500)

主DNS服务器

0.0.0.0

(可选)

辅DNS服务器

0.0.0.0

(可选)

主机名

(可选)

服务端AP SSID

TP-LINK\_AB9746

搜索无线网络...

2

无线连接:

无线安全

安全模式

WPA1PSKWPA2PSK

WPA-PSK 加密

加密类型

☐ TKIP ☐ AES ☒ TKIPAES

WPA-PSK 密钥

12345678

3

确定

取消

帮助

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### 3. Wireless Security Settings

### 3.1 Wireless Security

There are the following types of wireless security modes, and you can choose different security modes according to your needs.

- deactivate
  - Open System
  - WPA
  - WPA-PSK
  - WPA2
  - WPA2-PSK
  - WPAPSKWPA2PSK (ie mixed mode of WPA-PSK and WPA2-PSK)
  - WPA1WPA2 (ie WPA and WPA2 mixed mode)

### 3.1.1 Open System

The encryption types in this security mode are: None and WEP.

当前状态 | WAN 设置 | LAN 设置 | 无线设置 | QoS管理 | 网络安全 | 系统服务 | 路由设置 | 设备管理 | 退出

无线设置 | 无线安全 | 高级设置 | 无线分布系统

无线安全

安全模式  
Open System  
加密类型  
WEP  
WEP 加密长度  
☐ 64 bit ☒ 128 bit  
默认密钥 ID  
密钥1  
WEP 密钥1  
十六进制  
WEP 密钥2  
十六进制  
WEP 密钥3  
十六进制  
WEP 密钥4  
十六进制

帮助

确定 取消

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The interface description is as follows:

interface item	describe
encryption type	There are two encryption types to choose from: None and WEP. Select None to not add After selecting WEP encryption, the setting interface is as shown below.
WEP encryption length	There are two encryption lengths to choose from: 64bit and 128bit. The default value is 64bit.
Default key ID	4 keys can be set at the same time, but only 1 key can be selected to be used at the moment. This item selects the key to be used currently. The default is key 1.
WEP key	You can choose the type of key to set and set the key. There are two key types available Choices: Hex and Character. According to different encryption length and key type type, set a different key.

Key settings:

64bit encryption: 10-bit hexadecimal or 5-bit char.

128bit encryption: 26-bit hexadecimal or 13-bit character.

3.1.2 WPA

This security mode provides WPA-PSK encryption and Raduis server authentication.

## Instructions for Quickly Deploying the Ball

当前状态	WAN 设置	LAN 设置	无线设置	QoS管理	网络安全	系统服务	路由设置	设备管理	退出
------	--------	--------	------	-------	------	------	------	------	----

  

无线设置	无线安全	高级设置	无线分布系统
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### 无线安全

安全模式: WPA

**WPA-PSK 加密**

加密类型: ☒ TKIP ☐ AES ☐ TKIPAES

WPA-PSK 密钥: 12345678  
(ASCII字符:8-63个, 或十六进制数<0-9 或 a-f, A-F>:64个)

密钥更新间隔: 3600 秒

**RADIUS 服务器**

Ip 地址:

端口: 1812

共享密钥:

会话超时: 0

空闲超时: 0

确定 取消

帮助

  

保留所有权

## 3.1.3 WPA-PSK

This security mode is the WPA-PSK encryption mode.

当前状态	WAN 设置	LAN 设置	无线设置	QoS管理	网络安全	系统服务	路由设置	设备管理	退出
------	--------	--------	------	-------	------	------	------	------	----

  

无线设置	无线安全	高级设置	无线分布系统
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### 无线安全

安全模式: WPA-PSK

**WPA-PSK 加密**

加密类型: ☒ TKIP ☐ AES ☐ TKIPAES

WPA-PSK 密钥: 12345678  
(ASCII字符:8-63个, 或十六进制数<0-9 或 a-f, A-F>:64个)

密钥更新间隔: 3600 秒

确定 取消

帮助

  

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The interface description is as follows:

interface item	describe
Select WPA-PSK for safe mode.	
There are two encryption types to choose from: TKIP and AES.	
WPA-PSK key	Set the key, the legal key length is: 8-63 ASCII characters or 64 ten Hexadecimal number (0 to 9, a to f, or A to F).
Key Update Interval	Set the key update interval, in seconds.
3.1.4 WPA2	

This security mode provides WPA-PSK encryption and Raduis server authentication.

当前状态 | WAN 设置 | LAN 设置 | 无线设置 | QoS管理 | 网络安全 | 系统服务 | 路由设置 | 设备管理 | 退出

无线设置 | 无线安全 | 高级设置 | 无线分布系统

无线安全

安全模式

WPA2

WPA-PSK 加密

加密类型

☒ TKIP

☐ AES

☐ TKIPAES

WPA-PSK 密钥

12345678

(ASCII字符:8-63个, 或十六进制数<0-9 或 a-f, A-F>:64个)

密钥更新间隔

3600

秒

成对主键缓存周期

10

分钟

预认证

☒ 停用 ☐ 启用

RADIUS 服务器

Ip 地址

端口

1812

共享密钥

会话超时

0

空闲超时

0

确定

取消

帮助

保留所有权

## Instructions for Quickly Deploying the Ball

The interface description is as follows:

interface item description	
Select WPA2 for safe mode.	
WPA-PSK Plus  dense	Set WPA-PSK encryption information.  Encryption Type: Select the encryption type, there are three options: TKIP, AES and TKIPAES  ·WPA-PSK key: set the key, the legal key length is: 8-63 ASCII characters or 64 hexadecimal numbers (0 to 9, a to f, or A to F).  ·Key update interval: Set the key update interval, in seconds.  · Paired master key cache period:  · Pre-authentication:
RADUIS suit  instrument	Set RADUIS server authentication information.  ·IP Address: The IP address of the RADUIS server.  ·Port: The communication port used by the RADUIS server.  Shared key: the shared key set on the RADUIS server, which must be set here  The wireless router can communicate with the RADUIS server only after the same shared key is determined.  Session timeout:  · Idle Timeout:



3.1.5 WPA2-PSK

当前状态 | WAN 设置 | LAN 设置 | 无线设置 | QoS管理 | 网络安全 | 系统服务 | 路由设置 | 设备管理 | 退出

无线设置 | 无线安全 | 高级设置 | 无线分布系统

无线安全

安全模式

WPA2-PSK

WPA-PSK 加密

加密类型

☒ TKIP

☐ AES

☐ TKIPAES

WPA-PSK 密钥

12345678

(ASCII字符:8-63个, 或十六进制数<0-9 或 a-f, A-F>:64个)

密钥更新间隔

3600 秒

确定

取消

帮助

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The interface description is as follows:

interface item	describe
Select WPA2-PSK for	safe mode.
Three encryption types	are available: TKIP, AES, and TKIPAES.
WPA-PSK key	Set the key, the legal key length is: 8-63 ASCII characters or 64 ten Hexadecimal number (0 to 9, a to f, or A to F).
Key Update Interval Set	the key update interval, in seconds.

Instructions for Quickly Deploying the Ball

3.1.6 WPAPSKWPA2PSK

当前状态 | WAN 设置 | LAN 设置 | 无线设置 | QoS管理 | 网络安全 | 系统服务 | 路由设置 | 设备管理 | 退出

无线设置 | 无线安全 | 高级设置 | 无线分布系统

无线安全

安全模式

WPA2PSKWPA2PSK

WPA-PSK 加密

加密类型

TKIP

AES

TKIPAES

12345678

(ASCII字符:8-63个, 或十六进制数<0-9 或 a-f, A-F>:64个)

WPA-PSK 密钥

密钥更新间隔

3600

秒

帮助

确定

取消

保留所有权

The interface description is as follows:

interface item	describe
Safe mode select WPA2PSKWPA2PSK.	
Three encryption types are available: TKIP, AES, and TKIPAES.	
WPA-PSK key	Set the key, the legal key length is: 8-63 ASCII characters or 64 ten Hexadecimal number (0 to 9, a to f, or A to F).
Key Update Interval	Set the key update interval, in seconds.

### 3.1.7 WPA1WPA2

当前状态

WAN 设置

LAN 设置

无线设置

QoS管理

网络安全

系统服务

路由设置

设备管理

退出

无线设置

无线安全

高级设置

无线分布系统

无线安全

安全模式

WPA-PSK 加密

加密类型

WPA-PSK 密钥

密钥更新间隔

RADIUS 服务器

Ip 地址

端口

共享密钥

会话超时

空闲超时

WPA1WPA2

☒ TKIP ☐ AES ☐ TKIPAES

12345678

(ASCII字符:8-63个, 或十六进制数<0-9 或 a-f, A-F>:64个)

3600 秒

1812

0

0

确定

取消

帮助

保留所有权

The interface description is as follows:

interface item	describe
	Select WPA1WPA2 for security mode.
WPA-PSK encryption	<p>Set WPA-PSK encryption information.</p> <p>Encryption type: select the encryption type, there are three options: TKIP, AES and TKIPAES.</p> <p>·WPA-PSK key: set the key, the legal key length is: 8-63 ASCII characters or 64 hexadecimal numbers (0 to 9, a to f, or A to F).</p> <p>·Key update interval: Set the key update interval, in seconds.</p>
RADIUS server	<p>Set RADIUS server authentication information.</p> <p>·IP Address: The IP address of the RADIUS server.</p> <p>·port: The communication port used by the RADIUS server.</p> <p>·Shared key: The shared key set on the RADIUS server, which must be</p> <p>Set the same shared key so that the wireless router can authenticate with the RADIUS server</p> <p>communicate.</p> <p>Session timeout:</p> <p>· Idle Timeout:</p>

## 4. Device Management

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### 4.1 Device function

The UPnP protocol is used by Windows ME, 2000, XP and other systems. If this feature is enabled, the

Causes these operating systems to automatically find routers through this protocol.

UPnP (Universal Plug and Play) is mainly used to realize the

Intelligent interconnection, without user participation and use of the main server, can automatically discover and control data from various manufacturers various network equipment of the manufacturer.

When the UPnP function is enabled, the router can realize NAT traversal: when the computers in the LAN pass through.

When the wireless router communicates with the Internet, the wireless router can be automatically added and deleted as needed

NAT mapping table, so as to solve the problem that some traditional services (such as MSN voice, video) cannot pass through NAT question.



Check the radio box, press the <OK> button, the setting is completed.

### 4.2 Software upgrade

Through software upgrade, you can load the latest version of the software to the router to get more functions and more stable performance.

The software upgrade steps are as follows:

- (1) Save the upgrade file of the router to the local computer.
- (2) Click the <Browse> button to select the software to be upgraded.
- (3) Click the <Upgrade> button to start the upgrade.



#### 4.3 Restore factory defaults

- During the reset process, the wireless router will restart.

Restoring to factory settings will clear all setting information of the wireless router and restore it to its original state. Should

The function is generally used when the device is changed from one network environment to another different network environment.

Restore to factory settings, and then reset to suit the current network.

Click the <Restore Factory Defaults> button, and after confirmation, restore the factory settings.

#### 4.4 Password Management

The default user name/password of the wireless router is admin, the user name cannot be changed, and the password can be changed.

For security reasons, it is recommended to modify this password and keep the password information.

The setting steps are as follows:

- (1) Enter the original password in the <Original Password> text box; enter the original password in the <New Password> text box

To confirm the new password, re-enter the new password in the <Confirm Password> text box.

- (2) Click the <OK> button to complete the password modification.

## FCC Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

The distance between user and products should be no less than 20cm.