# **Quick Installation Guide of Mini Pal AP/Router**

※ To avoid users without access right through Mini Pal AP/Router, suggest that use security mechanism like WEP, WPA or set ID/password for web configuration login IP address 192.168.1.254

# **Preparation**

- 1 At lease one PC with IEEE802.11b/g/n WLAN client installed.
- 2 One straight-through Category Ethernet cable, used to link WAN interface to xDSL or CM for Internet connection.
- 3 Mini Pal AP/Router.

Check package contents:

- ✓ Mini Pal AP/Router
- ✓ RJ-45 Cable Line (Optional)

Collect Installation Information:

WAN configuration (Contact your ISP or network administrator for below information)

- **O** DHCP Client
- C Static IP

IP Address	
Subnet Mask	
Default Gateway	
DNS Address	

C PPPoE

User Name	
Password	

C PPTP

IP Address	
Subnet Mask	
Server IP Address	
User Name	
Password	

C L2TP

IP Address	
Subnet Mask	
Server IP Address	
User Name	

# **Quick Installation Guide of Mini Pal AP/Router**

	Password	
WLAN co	onfiguration	
	SSID	
	Mode	
	Channel Number	

#### LED Panel Description



LED Indicator	State	Description
1. WPS LED	Flashing	The WPS feature is Enabled.
	Off	The WPS feature is Disabled.
2. WLAN LED	Flashing	WLAN is active
	Off	WLAN is off
3. Network LED		
	Flashing	Data is transmitting or receiving on the network
		interface.
	On	Port linked.
	Off	No link.

### Side Description

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Interfaces	Description	
WPS	Push continually the reset button $5 \sim 10$ seconds to enable the	
	WPS feature.	
USB 1	The USB port is for power adapter	
USB 2	Charge mobile device	

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# Installation



The wireless network diagram of Mini Pal AP/Router.

Notice: Do not connect RJ45 cable to internet before you setup. It might be have problem to get into configuration page.

# **Quick Installation Guide of Mini Pal AP/Router**

### 1. Configure by Smartphone



- Basic Setting: Set up hotspot name, hotspot security.
- Advance Setting: Set up operation mode, wan settings... etc.
- **AP Status:** Show LAN & WAN status.
- **Restart AP:** Restart Mini Pal

2. Configure by Desktop PC and Tablet <u>Step One</u> – Power on Mini Pal

Connect Line USB to DC Power Adapter on wall power socket to power on Mini Pal

Notice: It will take about 50 seconds to complete the boot up sequence after powered on the Mini Pal; After WPS LED flashing stop, the Mini Pal is ready now.

Site contents:	Operation Mode	]
<ul> <li>Wireless</li> <li>TCP/IP Settings</li> <li>Management</li> </ul>	You can setup different modes for ULinker. Auto detect mode or Manual select. 	-
	Manual Mode: AP	
	Apply Change	of 7

### Step Two – Configure Mini Pal

- 1.1 Connect your PC to LAN port for configuration setting. Mini Pal is delivered with the following factory default parameters on the Ethernet LAN interfaces.
- Default IP Address: 192.168.1.254

- **Quick Installation Guide of Mini Pal AP/Router**
- Default IP subnet mask: 255.255.255.0
- WEB login User Name: <empty>.
- WEB login Password: <empty>.
- Configure your PC with IP address between 192.168.1.1 to 192.168.1.253 and subnet mask to be 255.255.255.0, then open an Internet browser (i.e. Microsoft IE6.1 SP1 or above) to connect Mini Pal by entering http://192.168.1.254 to URL field.

The following example is to configure as "AP" mode that use factory default value. You may change those values if you think that is necessary.

1. Click "Wireless-> Wireless Basic Settings" in submenu of Site contents to adjust SSID to your favorite name.

	nfigure the parameters for wireless LAN clients which ma u may change wireless encryption settings as well as wire	
Band:	2.4 GHz (B+G+N) 👻	
Mode:	AP - Multiple AP	
Network Type:	Infrastructure 👻	
SSID:	MyWLAN	Add to Profile
Channel Width:	40MHz 👻	
Control Sideband:	Upper •	
Channel Number:	11 -	
Broadcast SSID:	Enabled -	
WMM:	Enabled 👻	
Data Rate:	Auto 👻	
Associated Clients:	Show Active Clients	
Enable Mac	Clone (Single Ethernet Client)	
simultaneouly)	ersal Repeater Mode (Acting as AP and client	
SSID of Extended		Add to Profile
Interface: RIKI	1 / L × 1L	

- SSID: MiniPalxxx.
- Click "Apply Changes" button to save configuration.

2. Click "Wireless->Wireless Security Setup" in submenu of Site contents to setup WLAN security as WPA-Mixed that is the most secure method of WiFi. Just input 8~63 text in Pre-Shared Key field.

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This page allows you setup the wireless so any unauthorized access to your wireless n	ecurity. Turn on WEP or WPA by using Encryption Keys could prevent network.
Select SSID: Root AP - MyWLAN	566 - Apply Changes Reset
Encryption:	WPA-Mixed -
Authentication Mode:	Enterprise (RADIUS)      Resonal (Pre-Shared Key)
WPA Cipher Suite:	🖉 TKIP 📝 AES
WPA2 Cipher Suite:	🖉 TKIP 🖉 AES
Pre-Shared Key Format:	Passphrase -
Pre-Shared Key:	

### Step Three - Connect WLAN client to Mini Pal wirelessly

- Encryption: WPA-Mixed.
- Authentication Mode: Personal.
- WPA Cipher Suite: TKIP/AES both checked.
- WPA2 Cipher Suite: TKIP/AES both checked.
- Pre-Shared Key Format: Passphase.
- Pre-Shared Key: Input 8~63 text as your security key.
- Click "Apply Changes" button to save configuration.



- On your wireless client PC:
- Move your mouse to the Network icon on the Task bar and right click the mouse button to bring up the pop-up menu.
- 2. Click the View Available Wireless Networks on the pop-up menu.
- Select the specific WLAN network (SSID) from the Available Networks list.
- 4. Click the Connect button to establish the communication link to the wireless network.

<u>Step Four</u> – Connect RJ45 cable to internet.