



ALTAI C1N SUPER WIFI CPE

QUICK SETUP GUIDE

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Packing List

- 1. C1n CPE Main Unit
- 2. Table Stand (Optional)
- 3. AC Adapter
- 4. DC Injector
- 5. 2pcs of wire clamp

Installation Options







Desktop

Pole-Mount

Wall-Mount

LED Indication



**Grounding is necessary for outdoor installation

Cable Connection

- 1. Connect C1n and DC injector with an Ethernet Cable;
- 2. Connect another network cable between DC injector "LAN" port and a computer Ethernet port;
- 3. Connect the AC power adapter to the DC injector and plug it into a power socket;
- 4. Make sure both the Power LED and the Network LED light green.





Configure TCP/IP of your computer

For <u>Windows XP</u> user,

- Click Start > Control Panel, click Switch to Classic View and double click on Network Connections
- 2. Right click on the Local Area Connection and click Properties.
- 3. Double click **Internet Protocol (TCP/IP)**, Type in the following IP address and Subnet mask:

IP address: 192.168.1.2

Subnet mask: 255.255.255.0.

4. Click OK to close the Internet Protocol (TCP/IP) Properties and click OK again to close the Local Area Connection Properties

	General	
Connect using: Broadcom Net/Oreme Gigabit Etherne Configure	You can get IP settings assigned automatically if your network a this capability. Offernise, you need to ask your network adminis the appropriate IP settings.	upports Anator for
This connection uses the following items:	 Obtain an IP address automatically 	
San Network Monitor Driver	Use the following IP address:	
Ekahau NDIS Usemode I/D Protocol	IP address: 192.168.1.2	
M 1 Internet Protocol (TCP/IP)	Subnet mask: 255 . 255 . 255 . 0	
<	Default gateway:	5
Instal Uninstal Properties	Obtain DNS server address automatically	
Transmission Control Protocol/Internet Protocol. The default	Use the following DNS server addresses:	
wide area network protocol that provides communication across diverse interconnected networks.	Preferred DNS server:	
Show icon in notification area when connected	Alternate DNS server:	
Notily me when this connection has limited or no connectivity	Ad	vanced
OK Cancel	OK	Cancel



Connect to C1n Web Interface

- 1. Open a web browser and type the URL http://192.168.1.222
- 2. Login the C1n web interface with: User name: admin

Password: admin

- 3. Click OK
- 4. Click Enter on the web page

C1n			
	Auti	norization Required	
Please enter your username and password.			
	Username:		
	Password:		
			Reset Login

Configure C1n CPE Mode

- 1. Go to 2.4GHz Radio
- 2. Select Station as Radio Operation Mode and Click Submit

C1n	
Status Configuration Administration System Network Wireless Thin AP	Tools About
Radio0(2.4G)	
R	tadio0(2.4G) Setting
General Station Advanced WEP	
Enable Radio:	8
Radio Mode:	Station
Country Code:	HONG KONG
Transmit Power:	23 🗸
d C	The effective Tx Power may be ifferent, depends on the selected hannel.
Signal Level Indicators:	
2	0 30 40 50 ∅(20~60)dB
	Submit Help



3. Select Station and Click More...

C1n							
Status System Network	Configuration Wireless Thir	Administration Tools	About				
Radio0(2.46) Radio0(2.46) Setting							
General Stati	on Advanced	WEP	. , ,				
WL/	AN ID	Remote SSID	Auth Mode	Detail			
	0	Network 0	open	More			
				Submit Help			

- 4. Click Scan to scan available SSID in WLAN General;
- 5. Select the desired **SSID** and click Select
- 6. Click Submit

C1n	
Status Configuration Administration	Tools About
System Network Wireless Thin AP	
Radio0(2.46)	
	ou(2.4G):WLANU Setting
WLAN General WLAN Security	
Enable WLAN:	8
WLAN Mode:	Station
Remote SSID:	Network 0 [Scan]
Preferred AP0 Mac:	
Preferred AP1 Mac:	
Preferred AP2 Mac:	
Enable Roaming:	
Station Association Requirement	
Value	Range
Minimum signal for association 0	(0-100dB, 0:Disable)
Disconnect Signal Threshold 0	(0-100dB)
Disconnect Packet Threshold 10	(1-256)
Back to Station List	Submit Help

- 7. Click WLAN Security
- 8. Select Authentication Mode and Cipher Mode provided by ISP
- 9. Click **Submit** and click **Save&Apply**



C1n					
Status Configuration System Network Wireless Thin A	Administration	Tools	About		
<u>Radio0(2.46)</u>	Radio	0 <mark>0(2.4G):</mark> \	WLAN0 Setting]	
WLAN General WLAN Security					
	Authentication Mode:	Open		v	
Back to Station List		Disabled			Submit Help

Configure C1n AP Mode

- 1. Go to 2.4GHz Radio
- 2. Select AP as Radio Operation Mode and click Submit

C1n	
Status Configuration Administration System Network Wireless Thin AP	Tools About
Radio0(2.4G)	
General WLAN Advanced WEP	(adiou(2.4G) Setting
Enable Radio:	8
Radio Mode:	AP
Country Code:	HONG KONG
Wireless Mode:	2.4GHz 130Mbps(802.11ng 🔽
Radio Frequency:	2412MHz(Channel 1)
Transmit Power:	23 🗸
Maximum Clients:	<u>64</u> (1- 64)
Enable Inter-WLAN User Isolation:	
	Submit Help

- 3. Click WLAN
- 4. Type in **SSID** to customize wireless network name.
- 5. Click Submit



C1n

Svst	Status em ⁱ Netw	Configuration	Administ	tration	Tools	About			
Radio0(2.46)									
Radio0(2.4G) Setting									
v	VLAN Conf	iguration							
	Enable WLAN	SSID	Max Clients	Isolation	Auth Mode	Access Traffic Right	WLAN Uplink/Downlinl Control	Station (Uplink/Downlink Control	Detail
	Ø 0	Superwifi Networ Hide SSID	64	۲	<u>open</u>	Full Access 🗸	0	0	More
	01	Superwifi Networ Hide SSID	64		<u>open</u>	Full Access 🗸	0 0	0 0	More
	02	Superwifi Networ Hide SSID	64	ø	<u>open</u>	Full Access 🗸	0	0	More
	□ 3	Superwifi Networ Hide SSID	64	۲	<u>open</u>	Full Access 🗸	0 0	0 0	More
	□ 4	Superwifi Networ Hide SSID	64	ø	<u>open</u>	Full Access 🗸	0	0	More
	5	Superwifi Networ Hide SSID	64		<u>open</u>	Full Access 🗸	0 0	0 0	More
	6	Superwifi Networ Hide SSID	64	۲	<u>open</u>	Full Access 🗸	0	0	More
	07	Superwifi Networ Hide SSID	64	ø	<u>open</u>	Full Access 🗸	0 0	0 0	More
								s	ubmit <u>Help</u>

- 6. Click the More... and Click WLAN Security
- 7. Select WPA-PSK/WPA2-PSK for Authentication Mode and select AES for Cipher Mode
- 8. Type in a password with 8~63 characters or numbers in **PassPhrase** and click **Submit** and **Save&Apply**.

C1n	
Status Configuration Administration System Network Wireless Thin AP	Tools About
Radio0(2.4G)	
Kadi WLAN General WLAN Security Rogue Station List	Bandwidth Control
Authentication Mode:	Open 🗸
Cipher Mode:	Disabled
Access Control List:	Enabled - Default Allow
ACL Input Method:	Manual Input O File
Denied MAC Address:	1 1
Back to WLAN List	Submit Help



Verify C1n AP/CPE Connection Status

For AP Mode

- 1. Using a laptop to scan the SSID you set for C1n AP and try to connect to it.
- 2. Go to **Status** > **Interface** > **Association List** to check the client information.

For CPE Mode

- 1. Go to **Status** > **Interface** > **AP Info** to check associated AP information.
- 2. To reset TCP/IP Settings Click Start > Control Panel and double
- click on Network Connections
- 3. Right click on the **Local Area Connection** and click **Properties**.
- 4. Double click Internet Protocol (TCP/IP)
- Select Obtain an IP address automatically Click OK to close the Internet Protocol (TCP/IP) Properties and click OK again to close the Local Area Connection Properties

Internet Protocol (TCP/IP) Properties	? 🗙
General Alternate Configuration	
You can get IP settings assigned automatically if your network support this capability. Difference, you need to ask your network administrator the appropriate IP settings.	ts for
 Obtain an IP address automatically 	
O Use the following IP address:	_
IP address:	
Subnet mask:	
Default gateway:	
Obtain DNS server address automatically	
O Use the following DNS server addresses:	_
Preferred DNS server:	
Alternate DNS server:	
Advancer	d
OK Ca	Incel