



Myanmar Net



Designed by Frontiir in Myanmar

Installation Guide

Frontiir Outdoor CPE, LCB

The user guide is designed to help you to get your LCB (802.11ac outdoor CPE device) up and running right away. It contains information on setting up your network and configuring to lock with Access Point.

WARNING!

Do

- 1) Plug LAN port (1) for PoE-IN and Data communication between Outdoor Unit and Indoor CPE.

Don't

- 2) Don't use PoE injector or AC/DC adapter which output DV voltage is out of recommended range (12V ~ 24V).

See the ports and connectors numbering in Appendix A.

Safety Warnings

- Do not expose the device to corrosive liquids.
- Do not install, use or service this device during a thunderstorm. There is a remote risk of electric shock from lightning.
- Do not open the device. Only qualified service personnel should service or disassemble the device.
- Make sure to connect the cables to the correct ports.

Right click on Wi-Fi > Properties

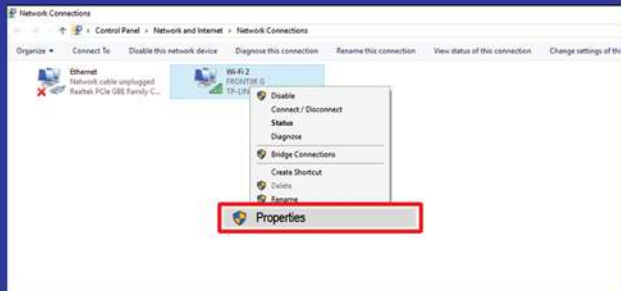


Figure 2 . Wi-Fi properties

Click on **Internet Protocol Version 4 (TCP/IPv4) > Properties**
(The TCP/IPv4 Properties dialog box appears.)

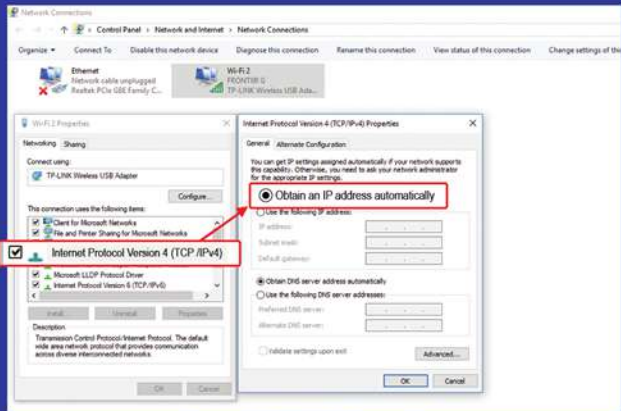


Figure 3 . TCP/IPv4 properties

2(b) Select "Obtain an IP automatically". OR

- Select "Use the following IP address"

For LCB IP address is 192.168.100.1, input your IP and DNS information.

- IP address: 192.168.100.X (X is from 2 to 254)

Subnet mask: 255.255.255.0

Leave the Default gateway fields and DNS information empty.



Figure 4 . IP address settings

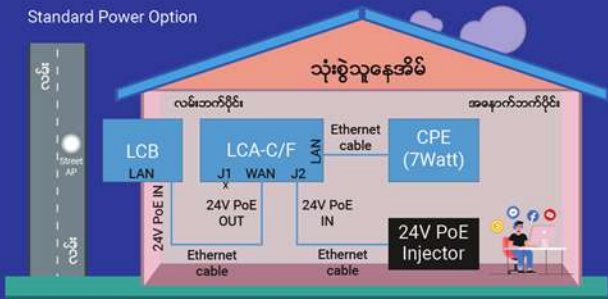
2(c) Click OK to save and apply your settings.

STEP 3 : PLACE YOUR LCB IN YOUR SITE

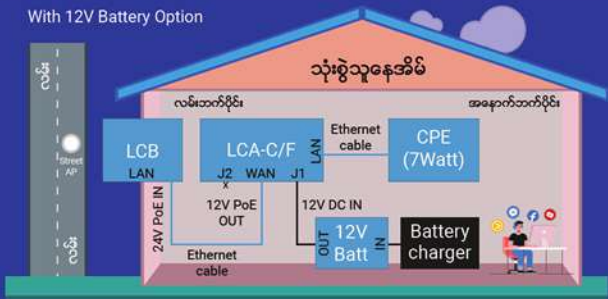
3(a) Allocate LCB to a place where its Line Of Sight is clear to Access Point at Land Post.
Please note that LCB is for outdoor use only.

3(b) Connect LAN port of LCB to WAN port of LCA with one of the power options as follows:

Standard Power Option



With 12V Battery Option



3(c) LED on the external enclosure is steady GREEN.

Appendix A

Ports and Button: LAN, RESET



Figure 11 . Four Ports and One Button

1) LAN

This is the LAN port. This Ethernet port is to be connected to either WAN port of LCA or PoE port of PoE injector.

2) RESET

Brief press = Reboot the LCB.
>9 sec = Factory reset the LCB.

Appendix B

LED: STATUS



Figure 12 . Status LED

LED Output	Condition
Red	Power ON, Booting (U-boot)
Red - Blinking	Finished Booting, Waiting for 5GHz to associate with AP
Yellow - Blinking	5G radio associated and RSSI $\leq$ -75
Yellow - Solid	5G radio associated and $-65 \geq$ RSSI $>$ -75
Green - Solid	5G radio associated and RSSI $>$ -65
Off	LCO Powered Off

PACKAGE CONTENTS

1. One LCB
2. One Ball Joint Mount
3. One Metal Strap
4. One Quick User Guide in English



Myanmar Net



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09 76 533 8441



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FCC Statement

Federal Communication Commission Interference Statement

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 Caution (15.19 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.

Non-modification Statement:

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

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 30cm between the radiator & your body.