

# Quick Installation Guide

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**EAP2062N**

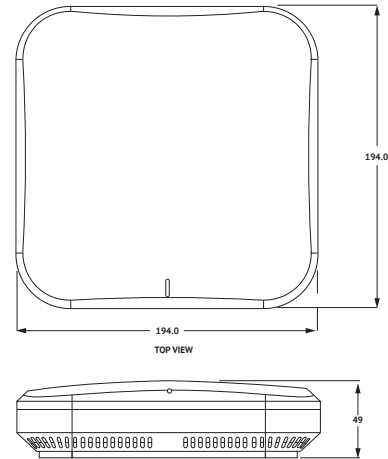
Document Revision 1.0

# 1 Introduction

The Radisys EAP2062N is an Enterprise grade Ethernet Access Point (EAP) with dual-band Wi-Fi 6 2T2R concurrent 2.4GHz and 5GHz radios, able to support business services and multi-user connectivity over wireless. The small profile Access Point unit can operate as either a stand-alone indoor hot spot, supporting high number of concurrent users with enterprise grade security or as a wireless extender with self-configuration and optimization for services, over large geographic areas. It is a Power-over-Ethernet (PoE) powered device supporting 802.3af/at that can be locally or remotely powered over network Ethernet cables.

## 2.1 Contents

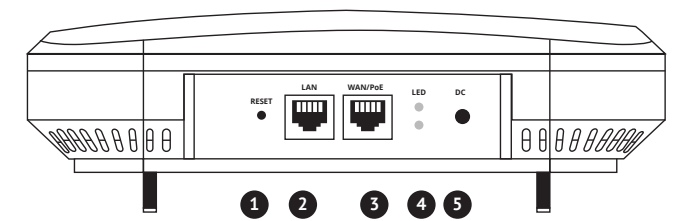
- EAP2062N
- Quick Installation Guide
- Ethernet Cable
- Power Adapter (optional)



## 2.2 Product Specification

Interfaces	Specification
WAN Uplink	1 10/100/1000/2.5G Base-T port (RJ45)
Ethernet 1	1 100/1000/2.5G Base-T port (RJ45)
DC Power	12V, 2A
Power Consumption	20W Maximum
Operating Temperature	-20 to ~60°C (-4° to 140°F)
Storage Temperature	-40 to 85°C
Operating Humidity	5 to 95% (non-condensing)
Dimensions	194mm X 194mm X 49mm

## 2.3 Interfaces



Item	Description
1 Reset	Reboot AP (quick push)
Reset to factory (press and hold for 10 seconds)	Turn power ON or OFF
2 LAN	2.5GE Ethernet ports for PC or LAN (RJ45)
3 WAN/PoE	2.5GE Ethernet port for WAN (RJ45)
4 LED	Status LEDs
5 DC 12V	Power port for external power adaptor (optional)

## 2.4 LED Status Indicators

Definition	Color	Status	Duration
Label	Color	Status	Definition
LED	WHITE	ON	The AP unit is powered ON.
		OFF	The AP unit is powered OFF.
	BLUE	ON	Internet connection of the AP is unstable.
	GREEN	ON	The AP has stable internet connection.

### 3.1 Installation

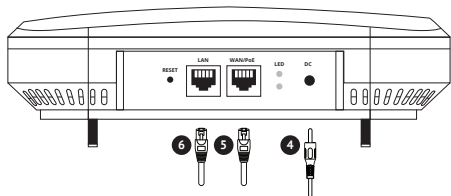
1. Remove Access Point from packaging.
2. Lay Access Point flat on surface.
3. Connect Ethernet cable (5) to WAN port.
4. Connect Ethernet cable (6) with RJ45 termination to the LAN. Recommend CAT6 or better Ethernet cable for 2.5GE port.
5. Connect Power Adaptor cable (4) to POWER port.
6. Plug in Power Adaptor into electrical outlet.
7. Push the ON/OFF button. Check LED power up sequence.

The EAP2062N can be powered in three ways:

**DC Power:** Access Point can be powered using the DC power adapter. Ensure that the power supply is compatible with the device. EAP2062N requires a 12V, 2A power supply. Additionally, refer to the backside of the Access Point to confirm the correct power rating as needed.

**PoE Switch:** The Access Point can be powered using a PoE switch.

**PoE Power:** PoE power injector can be used to power the Access Point via the WAN/PoE port. Ensure to check the PoE power specifications to select the appropriate PoE injector. EAP2062N supports a 48V PoE injector and complies to 802.3at standard.

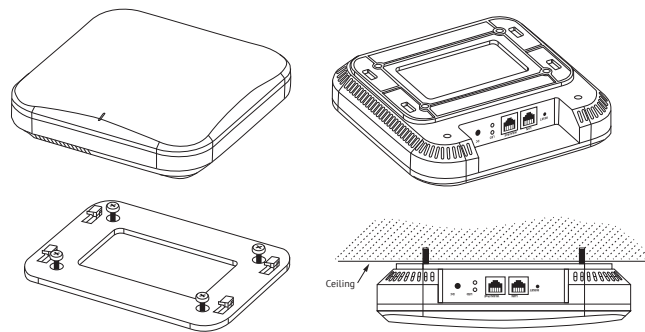


**User note:** Access Point may be upgraded to newer software image prior to provisioning of services. Access Point may reset after the initial boot up sequence is complete, or software image is upgraded.

## 3.2 Mounting Access Point on a Wall

EAP2062N has a separate mounting plate with four holes that can be used for wall or ceiling mount placement. Slide the mounting plate up to remove from the backside of Access Point. Please see diagram for screw location.

For wall mount installations the Access Point should be mounted with service interfaces facing down to avoid dust and contamination.



### 3.3 Web Graphical User Interface and Configuration

Once Access Point is connected to the internet, perform the following steps:

- Using a laptop, either join the WiFi SSID “maverickXXXXX” or connect the laptop Ethernet port to the Access Point LAN port using an Ethernet cable.
- Launch a web browser and connect to address 192.168.1.1.
- After response, enter the following in the portal:
  1. Username: root
  2. Password: openwifi

OpenWiFi

Authorization Required

Please enter username and password.

Username

root

Password

Login

Reset

- Once logged in, navigate and click on the tab Uplink and provide the details.

Status | Uplink | Settings | System

Uplink Configuration

The uplink settings allow overriding the WAN connection properties of the local device.

Connection

Static address configuration

IP4 Address

Static address configuration

IP4 Gateway

Address and mask in DDR notation

IP6 Address

192.168.1.1

IP6 Address

Address and mask in DDR notation

IP6 Address

0.0.0.0

DNS Server

0.0.0.0

- To configure PPPoE as WAN, select the connection as Address Configuration via PPPoE as captured in the below screenshot. Provide the necessary username and password.

Status | Uplink | Settings | System

Uplink Configuration

The uplink settings allow overriding the WAN connection properties of the local device.

Connection

Address Configuration via PPPoE

Username

Password

## 4 Troubleshooting

The Power LED is OFF after pressing the Power switch.

- Verify that the Ethernet cable from the network is connected to the WAN port and has PoE power enabled, or when using a PoE power injector assure that unit is plugged in.
- If not using PoE to power the device, use a compatible 12V power adapter able to support 2.0 Amps. Be sure the power adaptor is correctly plugged into the power port of the device.

The LED is flashing blue after the device is powered ON.

- Verify that the Ethernet cable from the network is connected to the WAN port.
- If the device does not have a stable internet connection, contact the network administrator or service provider for resolution.

The LED is green after the device is powered ON.

- The device has a stable internet connection. Connect to the default SSID or LAN port for further action.

## 5 Caution

Please follow the instructions below to avoid physical injury:

- This unit is for indoor use only.
- All Ethernet and power wiring are limited to the inside of the building.
- You should not install Access Point during lightning storms to avoid electrical shock.
- DO NOT plug in, turn on or attempt to operate an obviously damaged unit.
- DO NOT use near water.
- DO NOT operate Access Point in a location where maximum ambient temp. exceeds 60°C.
- DO NOT place near high temperature source.
- Set up the unit away from direct sunlight or other electrical equipment.
- Avoid impact stresses when handling connectors.
- Check the available voltage supply.
- Only connect approved accessories.
- This equipment is not suitable for use in locations where children are to be present.
- DO NOT disassemble the unit.

## 6 Limited Warranty

The product warranty does not cover damage resulting from hardware being installed in areas subject to rain, high humidity, water ingress and dust or debris. Disassembling product or removing enclosure cover from the assembly is a safety hazard and will void warranty. EAP2062N may only be repaired by authorized service personnel.



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