## Overview

* 2.4G 2x2 Wi-Fi (802.11ax ) 20/40MHz channel width
* 5G 2x2 Wi-Fi (802.11ax) 20/40/80/160MHz channel width
* 11ax 2x2(2SS) HE40 with data rate of 574Mbps
* 11ax 2x2(2SS) HE160 with data rate of 2400Mbps
* 1 x 4GE LAN Uplink
* 1 x Reset button
* Generic Wall Mount and Over the socket wall mount



**Manufacturer**: SonicFi

## Specifications

**Radios:**

* Concurrent Dual-Band 2.4 GHz, 5 GHz
* 802.11ax 2x2 UL MU-MIMO supporting up to 3 Gbps data rate

**Interfaces:**

* Uplink: 1 x 4Gb RJ-45, 10/100/1000 Mbps Ethernet Port (802.3at/af POE input)
* Downlink: 1 x 10/100/1000 Mbps Ethernet Port(802.3af POE output) , 2 x 10/100/1000 Mbps Ethernet Ports
* LAN: Ethernet Port (RJ-45) \* 3, 802.3af \* 1 PoE-PSE, 802.3at \* 1 PoE-PD

 **Physical**

* Dimension (W x D x H): 90 mm (W) x 25 mm (D) x 178 mm (H)
* Input Voltage
	+ PoE input: 44 ~ 57V, 802.3at/af PoE
* Weight: 0.39 Kg
* 1 X Di-Color LED (W/B)
* Buttons: Factory reset
* Environmental Conditions
	+ Operating Temperature: 32°F (0°C) to 104°F (40°C)
	+ Operating Humidity: 10% to 90% non-condensing
* Power Consumption: 13.5 W max
* Antenna Pattern (build-in Antennas)
	+ 2.4Ghz - 3.5 (dBi) max
	+ 5Ghz - 4.5 (dBi) max
* Mounting options
	+ Generic Wall Mounting
	+ Over the Socket Wall Mounting

**Radio**

* Standards 802.11ax:2x2 (Wi-Fi 6) concurrent dual-band 2.4 & 5 GHz
* Supported Data Rates
	+ 802.11b: 1, 2, 5.5, 11Mbps
	+ 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
	+ 802.11n: 6.5-300 Mbps (20 / 40 MHz)
	+ 802.11ac : 6.5-867 Mbps (20 / 40 / 80 MHz)
	+ 802.11ax: 3.6-574 Mbps (2.4 GHz, 20 / 40 MHz)
	+ 802.11ax: 3.6-2402 Mbps (5 GHz, 20/ 40 / 80 / 160 MHz )
* Channelization
	+ 2.4 GHz: 20 / 40 MHz
	+ 5 GHz: 20 / 40 / 80 / 160MHz
* Frequency Range
	+ 802.11b: 1, 2, 5.5, 11Mbps
	+ 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
	+ 802.11n: 6.5-300 Mbps (20 / 40 MHz)
	+ 802.11ac : 6.5-867 Mbps (20 / 40 / 80 MHz)
	+ 802.11ax: 3.6-574 Mbps (2.4 GHz, 20 / 40 MHz)
	+ 802.11ax: 3.6-2402 Mbps (5 GHz, 20/ 40 / 80 / 160 MHz )
* Certifications

**Regulatory Compliance**

* Safety
	+ NRTL Listed 62368-1 (US & CA)
	+ CB with IEC/EN 62368-1 (Basic safety certificate for worldwide marketing)
	+ GB 9254 -2008(Class B of Product)
	+ EN55032, CISPR 32:2010
	+ EN55024, CISPR 24:2010
	+ CCC (optional)
	+ SRRC (optional)
	+ FE (optional)
	+ FCC (optional)
	+ RoHS 2011/65/EU compliant (RoHS 11 compliant, no Pb)
	+ WEEE 2002/96/EC recyclable materials requirements

## What’s in the box

**Package Content:**

* RAP630W-311G Indoor AP access
* Wall Mount Set
* Native Wall Mount
* Over the Socket
* Quick Installation Guide

## Interface overview

* System LEDs
* Factory reset button
* 1 x 10/100/1000 Mbps Uplink 4Gb Ethernet Port (802.3at/af POE input)
* 1 x 10/100/1000 Mbps Downlink 4Gb Ethernet Port (802.3af POE output)
* 2 x 10/100/1000 Mbps Downlink 4Gb Ethernet Port
* Auto-sensing linking speed(10/100/1000BASE-T)
* PoE LED and Mode button
* Ethernet port(RJ-45) \* 1

## System LEDs

* Flashing White / Off every 0.5 sec: The device is initialing and booting up
* Steady White: The device is awaiting adoption
* Steady Blue: The device is adopted and is in normal operating mode
* Quickly Flashing White / Blue: The device is currently being upgraded - don't interrupt the process
* Blue and Flashing off every 5 sec: Access point has lost network connectivity and is searching for wireless link