## Overview

* Wi-Fi 6 Dual Band 2x2 (2.4/5GHz)
* Uplink: 1 x 1Gb (PoE in)
* LAN: 1 x 1Gb (RJ-45)



**Manufacturer**: Actiontec

## Specifications

**Radios:**

* Concurrent Dual-Band 2.4 GHz & 5 GHz
* 802.11ax 2x2:2 UL and DL MU-MIMO supporting up to 1.8 Gbps data rate
* Bluetooth Low Energy (BLE) 5.0

**Interfaces:**

* Uplink: 1 x 10/100/1000-T Ethernet RJ-45, with 802.3at (PD)
* LAN: 1 x 10/100/1000-T Ethernet RJ-45

 **Physical**

* Dimension (W x D x H): 158 mm (W) x 158 mm (D) x 28 mm (H)
* Input Voltage
	+ DC Input: 12V / 1.5A
	+ PoE input: 50V ~ 57V, 802.3 at PSE
* Weight: 0.3 kg
* 4 X LED Indicator (PWR/WAN/2.4G/5G)
* Buttons: Restart
* Environmental Conditions
	+ Operating Temperature: 32°F (0°C) to 113°F (45°C)
	+ Operating Humidity: 5% to 95% non-condensing
	+ Elevations: 86kPa～106kPa altitude
	+ Dustproof and Waterproof: IP30
* Power Consumption: xxx W max
* Antenna Pattern (build-in Antennas)
	+ 2400-2500MHz – Vertical/Horizontal ≥3 Gain (dBi)
	+ 4940-5850MHz – Vertical/Horizontal ≥3 Gain (dBi)
* Mounting options
	+ Ceiling mount

**Radio**

* Standards 802.11ax (Wi-Fi 6) concurrent dual-band 2.4 & 5 GHz
* Supported Data Rates
	+ 802.11b: 1, 2, 5.5, and 11Mbps
	+ 802.11g: 6, 9, 12, 18, 24, 36, 48, and 54Mbps
	+ 802.11a: 6, 9, 12, 18, 24, 36, 48 and 54Mb/s
	+ 802.11n HT20/ HT40: MCS0~MCS15 (400/ 800ns GI)
	+ 802.11ac VHT20/VHT40: MCS0 ~ MCS9(400/ 800ns GI)
	+ 802.11ax HE20/ HE40: MSC0 ~ MCS11(400/ 800ns GI)
	+ 802.11a: 6, 9, 12, 18, 24, 36, 48 and 54Mb/s
	+ 802.11n HT20/ HT40: MCS0~MCS15(400/ 800ns GI)
	+ 802.11ac VHT20/VHT40/VHT80: MCS0 ~ MCS9(400/ 800ns GI)
	+ 802.11ax HE20/ HE40/HE80: MSC0 ~ MCS11(400/ 800ns GI)
* Channelization
	+ 2.4 GHz: 20 / 40 MHz
	+ 5 GHz: 20 / 40 / 80MHz
* Frequency Range
	+ 2.4000 –2.4835 GHz
	+ 5.150~5.250,5.250~5.350,5.470~5.725, 5.725~5.850 GHz
* 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