## Overview

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



**Manufacturer**: Actiontec

## Specifications

**Radios:**

* Concurrent Dual-Band 2.4 GHz & 5 GHz
* 802.11ax 2x2 MU-MIMO supporting up to 2.974 Gbps data rate
* Bluetooth Low Energy (BLE) 5.1/ ZigBee

**Interfaces:**

* Uplink: 1 x 1Gb RJ-45, PoE in 802.3bt PoE (PD)
* LAN: 4 x 1Gb RJ-45, one with 802.3af PoE (PSE)

 **Physical**

* Dimension (W x D x H): 180 mm (W) x 89.5 mm (D) x 29.3 mm (H)
* Input Voltage - PoE input:
	+ 42.5V~ 57V , 802.3bt PoE (PD), with LAN port supporting 802.3af PoE(PSE)
	+ 37V ~ 57V, 802.3 af PoE (PD), with restricted functions
* Weight: 0.28Kg (without bracket)
* 1 X Tri-Color LED (R/G/B)
* Buttons: Restart
* Environmental Conditions
	+ Operating Temperature: 32°F (0°C) to 104°F (40°C)
	+ Operating Humidity: 5% to 95% non-condensing
	+ Elevations: 86kPa～106kPa altitude
	+ Dustproof and Waterproof: IP30
* Power Consumption: < 12W, without 802.3af PoE (PSE)
* Antenna Pattern (build-in Antennas)
	+ 2400-2500MHz – Vertical/Horizontal ≥3 Gain (dBi)
	+ 4940-5850MHz – Vertical/Horizontal ≥3 Gain (dBi)
* Mounting options
	+ Wall mount

**Radio**

* Standards 802.11ax (Wi-Fi 6) concurrent dual-band 2.4 & 5 GHz
* Supported Data Rates
	+ 802.11b: 1, 2, 5.5, 11 Mbps
	+ 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
	+ 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
	+ 802.11n: HT20/ HT40: MCS0~MCS15
	+ 802.11ac: VHT20/VHT40/VHT80: MCS0 ~ MCS9
	+ 802.11ax: HE20/ HE40/HE80/HE160: MSC0 ~ MCS11
* Channelization
	+ 2.4 GHz: 20 / 40 MHz
	+ 5 GHz: 20 / 40 / 80 /160MHz
* Frequency Range
	+ 2.4000GHz~2.4835GHz
	+ 5.150~5.250,5.250~5.350,5.470~5.725, 5.725~5.850 GHz

**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
	+ RoHS 2011/65/EU compliant (RoHS 11 compliant, no Pb)
	+ WEEE 2002/96/EC recyclable materials requirements