## Overview

* 2.4G 4x4 Wi-Fi (802.11b/g/n/ac/ax ) 20/40MHz channel width
* 5G 4x4 Wi-Fi (802.11a/n/ac/ax) 20/40/80MHz channel width
* 6G 4x4 Wi-Fi (802.11ax), 20/40/80/160MHz channel width
* 4 x 2.4G/5G Integrated dual-band antennas
* 1 x 2.5GE LAN
* 1 x 5GE WAN with 802.3bt PoE (Full Functionality) or 802.3at PoE (USB port disabled)
* 1 x Reset button
* 1 x USB PD Type-C 15V2A
* Ceiling or wall installation



**Manufacturer**: Actiontec

## Specifications

**Radios:**

* Concurrent Tri-Band 2.4 GHz, 5 GHz & 6 GHz
* 802.11ax 4x4 MU-MIMO supporting up to 8.4 Gbps data rate
* Bluetooth Low Energy (BLE) 5.0

**Interfaces:**

* Uplink: 1 x 5Gb RJ-45, PoE in 802.3bt (full functionality) or 802.3at (USB port disabled)
* LAN: 1 x 2.5Gb RJ-45
* 1 x USB Type-C connector

 **Physical**

* Dimension (W x D x H): 225 mm (W) x 225 mm (D) x 38 mm (H)
* Input Voltage
	+ USB PD Input: 15V / 2A
	+ PoE input: 42.5 ~ 57V, 802.3at/bt PoE (PD)
* Weight: 1.6 Kg
* 1 X Tri-Color LED (R/G/B)
* 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: IP20
* Power Consumption: < 30 W
* Antenna Pattern (build-in Antennas)
	+ 2400-2500MHz – Vertical/Horizontal ≥3 Gain (dBi)
	+ 4940-5850MHz – Vertical/Horizontal ≥3 Gain (dBi)
* Mounting options
	+ Ceiling mount
	+ 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
	+ 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
	+ 802.11n: MCS0~MCS7
	+ 802.11ac: MCS0 ~ MCS9
	+ 802.11ax: MCS0 ~ MCS11
* Channelization
	+ 2.4 GHz: 20 / 40 MHz
	+ 5 GHz: 20 / 40 / 80MHz
	+ 6 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
	+ 5.925~7.125GHz
* 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