

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



SHASTA
CLOUD

Access Point - Wi-Fi 6 Ceiling 2x2 – WF – 188N

Shasta certified hardware

- 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: MCS0 ~ 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: MCS0 ~ 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



Shasta certified hardware – data sheet