

Operation Description

Test Model: HWAP-AX880

HWAP-AX880 is a Access Point by 2.4G/5G WIFI.

The device designated with the following general information and technical

Power supply

HWAP-AX880 is powered by DC 48V from Adapter.

MCU:

HWAP-AX880 use chip IPQ8072A as MCU, the crystal oscillator it contains: 38.4MHz, 30MHz.

The Basic Technical Specification:

2.4G WIFI

Frequency band	2412MHz ~ 2462MHz
Integrated Chipset	QCA5024
Channels	802.11b/g/n 20:2412~2462MHz 802.11n 40: 2422~2452MHz 802.11ax HT20: 2412~2462MHz 802.11ax HT40: 2422~2452MHz
Channel separation	802.11b/g/n: 11CH 802.11n40: 7CH 802.11ax HT20: 11CH 802.11ax HT40: 7CH
Modulation	CCK/OFDM/DBPSK/DAPSK
Antenna Type:	External Antenna
Antenna Gain:	Antenna 1:6.54dBi Antenna 2:6.54dBi Antenna 3:6.54dBi Antenna 4:6.54dBi MIMO: 12.56dBi

5.2GWIFI

Frequency band	5180MHz ~ 5240MHz
Integrated Chipset	QCA5054
OSC	96MHz
Channels	IEEE 802.11a/n/ac/ax(HT20) 5.180GHz-5.240GHz IEEE 802.11n/ac/ax(HT40) 5.190GHz-5.230GHz IEEE 802.11ac/ax(HT80) 5.210GHz
Channel separation	IEEE 802.11a/n/ac/ax
Modulation	OFDM, OFDMA
Antenna Type:	External Antenna
Antenna Gain:	Antenna 1: 8.16dBi Antenna 2: 8.16dBi Antenna 3: 8.16dBi Antenna 4: 8.16dBi MIMO: 14.18dBi

5.8GWIFI

Frequency band	5745MHz ~ 5825MHz
Integrated Chipset	QCA5054
OSC	96MHz
Operation Frequency:	IEEE 802.11a/n/ac/ax(HT20) 5.745GHz-5.825GHz IEEE 802.11n/ac/ax(HT40) 5.755GHz-5.795GHz IEEE 802.11ac/ax(HT80) 5.775GHz
Modulation Technology:	IEEE 802.11a/n/ac/ax
Modulation	OFDM, OFDMA
Antenna Type:	External Antenna
Antenna Gain:	Antenna 1: 7.71dBi Antenna 2: 7.71dBi Antenna 3: 7.71dBi Antenna 4: 7.71dBi MIMO: 13.73dBi