User manual

1. Download Ubuntu 16.04 Release, and install Linux host.
2. Reboot the system, and the system will find the related handware.
3. Start "Scan" operation, and then link to the specific AP.
4. Check the conditions of AP and its channels using the instruction "iw dev"
5. Switching between module channels for changing AP channel.

Operation frequency	2.4G WIFI: 802.11b/g/n 20:2412~2462 MHz 802.11n 40: 2422~2452MHz 5.2G WIFI: IEEE 802.11a/ n HT20:5180MHz-5240MHz IEEE 802.11n HT40:5190MHz-5230MHz 5.3G WIFI: IEEE 802.11a:5260MHz-5320MHz IEEE 802.11n HT20/IEEE 802.11ac HT20:5260MHz-5320MHz IEEE 802.11n HT40/IEEE 802.11ac HT40:5270MHz-5310MHz IEEE 802.11ac HT80:5290MHz 5.6G WIFI: IEEE 802.11a:5500MHz-5700MHz IEEE 802.11n HT20/IEEE 802.11ac HT20:5500MHz-5700MHz IEEE 802.11n HT40/IEEE 802.11ac HT40:5510MHz-5670MHz IEEE 802.11ac HT80:5530MHz 5.8G WIFI: IEEE 802.11a/ n HT20:5745MHz-5825MHz IEEE 802.11n HT40:5755-5795MHz
Modulation Type	2.4G WIFI: IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) 5.2G WIFI: IEEE 802.11a: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11ac HT20: OFDM (64QAM, 16QAM, QPSK,BPSK)

	IEEE 802.11ac HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11ac HT80: OFDM (64QAM, 16QAM, QPSK,BPSK) 5.3G WIFI: IEEE 802.11a: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11ac HT80: OFDM (64QAM, 16QAM, QPSK,BPSK) 5.6 G WIFI: IEEE 802.11a: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11ac HT80: OFDM (64QAM, 16QAM, QPSK,BPSK) 5.8G WIFI: IEEE 802.11a: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11ac HT20: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11ac HT80: OFDM (64QAM, 16QAM, QPSK,BPSK)
OSC	40MHz
Antenna Gain	Antenna 1:1dBi Antenna 2:1dBi MIMO: 4.010dBi
Antenna Type	Dipole Antenna
Hardware Version	V2.0
Software Version	V2.0

Warning:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.
NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20Cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter