

# Operational Description

FCC ID : PY312400222

IC : 4054A-12400221

This is a Wireless AP which operates at 2.4GHz and supports 11b / 11g / HT20 / HT40. The access point supports Power over Ethernet (PoE). This can be especially convenient when the access point is installed in a high location far from a power outlet.

|                           |                                                     |
|---------------------------|-----------------------------------------------------|
| RF main chip              | AR9432                                              |
| Oscillating frequency     | 40 MHz                                              |
| Antenna type              | PCB / Dipole                                        |
| Operating frequency range | 2412~2462 MHz                                       |
| Modulation type           | DSSS-DBPSK, DQPSK, CCK.<br>BPSK, QPSK, 16QAM, 64QAM |
| Working voltage           | 3.3Vdc                                              |

Channel frequency

| Mode       | Channel | Frequency (MHz) |
|------------|---------|-----------------|
| 11b/g/n 20 | 1       | 2412            |
|            | 2       | 2417            |
|            | 3       | 2422            |
|            | 4       | 2427            |
|            | 5       | 2432            |
|            | 6       | 2437            |
|            | 7       | 2442            |
|            | 8       | 2447            |
|            | 9       | 2452            |
|            | 10      | 2457            |
|            | 11      | 2462            |

| Mode    | Channel | Frequency (MHz) |
|---------|---------|-----------------|
| 11 n 40 | 3       | 2422            |
|         | 4       | 2427            |
|         | 5       | 2432            |
|         | 6       | 2437            |
|         | 7       | 2442            |
|         | 8       | 2447            |
|         | 9       | 2452            |