

Operational Description

FCC ID : PY312400225

The device is a Wireless router which operates at 2.4 and 5GHz band. It supports 11a/b/g/HT20/HT40 and 11ac VHT20/VHT40/VHT80. WPS button is embed to link with other Wi-Fi devices. 1 Internet port and 4 Ethernet ports are supports for user to build internal network and connect to internet. RF chips are AR9334 and QCA9880. AR9334 supports 2.4GHz band and QCA9880 supports 5GHz.

RF main chip AR9334 , QCA9880
Oscillating frequency 40 MHz
Antenna type Printed
Operating frequency range 2412~2462 , 5180~5240 , 5745~5825
Modulation type DBPSK/DQPSK/CCK
 BPSK/QPSK/16QAM/64QAM/256QAM
Working voltage 12Vdc

Channel frequency of 2.4GHz band

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

Operational Description

Channel frequency of 5GHz band

Mode	Channel	Frequency (MHz)
11a /HT20/VHT20	36	5180
	40	5200
	44	5220
	48	5240
	149	5745
	153	5765
	157	5785
	161	5805
	165	5825

Mode	Channel	Frequency (MHz)
HT40 / VHT40	38	5190
	46	5230
	151	5755
	159	5795

Mode	Channel	Frequency (MHz)
VHT80	42	5210
	155	5775