

FCC ID: KA2IR820LB1
IC: 4216A-IR820LB1

Operational Description

The device is a wireless AC1000 dual band cloud router which operates at 2.4 and 5GHz band and supports IEEE 802.11 a / b / g / n / ac transmission modes. WPS Bottom is supported to provide end user to link up with other WiFi device more easily.

RF main chip RTL8812AR / RTL8192ER
Frequency range (MHz) 2412~2462 / 5180~5240 / 5745~5825
Modulation type DBPSK, DQPSK, CCK
 BPSK, QPSK, 16QAM, 64QAM
Oscillating frequency (MHz) 40
Antenna type PCB

Channel frequency

Mode	Channel	Frequency(MHz)	Mode	Channel	Frequency(MHz)
	1	2412		36	5180
	2	2417		40	5200
	3	2422		44	5220
	4	2427		48	5240
11b	5	2432	11a	149	5745
11g	6	2437	HT20	153	5765
HT20	7	2442		157	5785
	8	2447		161	5805
	9	2452		165	5825
	10	2457		38	5190
	11	2462		46	5230
	3	2422	HT40	151	5755
	4	2427		159	5795
	5	2432			
HT40	6	2437			
	7	2442			
	8	2447			
	9	2452			