

IP100H and IP110H G/A Network Channels

The IP100H and IP110H can both use 2.4 GHz and 5.0 GHz channels. The channels and corresponding frequencies are listed below to aid in router configuration.

2.4 GHz Band Compatibility

The IP100H and IP110H both support all 11 of the 2.4 GHz channels used in North America.

Channel	Center Frequency	IP100H Compatibility	IP110H Compatibility
1	2412	Yes	Yes
2	2417	Yes	Yes
3	2422	Yes	Yes
4	2427	Yes	Yes
5	2432	Yes	Yes
6	2437	Yes	Yes
7	2442	Yes	Yes
8	2447	Yes	Yes
9	2452	Yes	Yes
10	2457	Yes	Yes
11	2462	Yes	Yes

5 GHz Band Compatibility

Wi-Fi Systems using Channels 52 through 140 should have DFS (Dynamic Frequency Selection) enabled as per the FCC.

Channel		Center Frequency	IP100H Compatibility	IP110H Compatibility	Comments
36	UNII 1	5180	Yes	Yes	
40	UNII 1	5200	Yes	Yes	
44	UNII 1	5220	Yes	Yes	
48	UNII 1	5240	Yes	Yes	
52	UNII 2A	5260	Yes	Yes	Radar and Weather Channel interference
56	UNII 2A	5280	Yes	Yes	Radar and Weather Channel interference
60	UNII 2A	5300	Yes	Yes	Radar and Weather Channel interference
64	UNII 2A	5320	Yes	Yes	Radar and Weather Channel interference
100	UNII 2C	5500	Yes	Yes	Radar and Weather Channel interference
104	UNII 2C	5520	Yes	Yes	Radar and Weather Channel interference
108	UNII 2C	5540	Yes	Yes	Radar and Weather Channel interference
112	UNII 2C	5560	Yes	Yes	Radar and Weather Channel interference
116	UNII 2C	5580	Yes	Yes	Radar and Weather Channel interference
120	UNII 2C	5600	Yes	No	Radar and Weather Channel interference
124	UNII 2C	5620	Yes	No	Radar and Weather Channel interference
128	UNII 2C	5640	Yes	No	Radar and Weather Channel interference
132	UNII 2C	5660	Yes	Yes	Radar and Weather Channel interference
136	UNII 2C	5680	Yes	Yes	Radar and Weather Channel interference
140	UNII 2C	5700	Yes	Yes	Radar and Weather Channel interference
149	UNII 3	5745	No	Yes	
153	UNII 3	5765	No	Yes	
157	UNII 3	5785	No	Yes	
161	UNII 3	5805	No	Yes	
165	UNII 3	5825	No	Yes	