

Professional installation instruction

The antenna gain, antenna type, and output power that can be used for the device, that the info listed below are correct and represent the product in consideration under this filing.

No.	Radio	Antenna Type	Max. Gain (dBi)			Connector	Limit of MAX. Output Power(mW)					
			BT	2.4GHz	5GHz		BT	2.4GHz	5GHz U-NII-1	5GHz U-NII-2a	5GHz U-NII-2c	5GHz U-NII-3
1	Eth6-BCM43694	PIFA	-	-	5.9	IPEX	-	-	261.454	202.122	202.107	392.312
2	Eth7-BCM43694	PIFA	-	2.7	5.6	IPEX	-	153.509	345.397	-	-	349.272
3	Eth8-BCM43694	PIFA	-	4.3	5.6	IPEX	-	350.273	-	-	248.168	711.904
4	Eth6-BCM43694	Patch (Original Ant.)	-	-	6	RPSMA	-	-	261.454	202.122	202.107	392.271
5	Eth7-BCM43694	Patch (Original Ant.)	-	4	6	RPSMA	-	154.328	345.397	-	-	349.272
6	Eth8-BCM43694	Patch (Original Ant.)	-	4	-	RPSMA	-	350.273	-	-	-	-
7	BT-BRF52832	Omni	0.1	-	-	IPEX	4.355	-	-	-	-	-
8	BT-BRF52832	Directional	4.5	-	-	IPEX	4.355	-	-	-	-	-
9	Eth6-BCM43694	Patch (New Ant.)	-	8	10	RPSMA	-	350.273	306.448	99.423	89.343	392.374
10	Eth7-BCM43694	Patch (New Ant.)	-	8	10	RPSMA	-	162.954	261.253	-	-	231.812
11	Eth8-BCM43694	Patch (New Ant.)	-	8	10	RPSMA	-	350.273	-	-	-	-

1. Installation personal

This product is designed for specific application and needs to be installed by a qualified personal who has RF and related rule knowledge. The general user shall not attempt to install or change the setting.

2. Installation location

The product shall be installed at a location where the radiating antenna can be kept 49cm from nearby person in normal operation condition to meet regulatory RF exposure requirement.

3. External antenna

Use only the antennas which have been approved by the applicant. The non-approved antenna(s) may produce unwanted spurious or excessive RF transmitting power which may lead to the violation of **FCC** limit and is prohibited.

4. Installation procedure

Please refer to user's manual for the detail.

5. Warning

Please carefully select the installation position and make sure that the final output power does not exceed the limit set force in relevant rules. The violation of the rule could lead to serious federal penalty.