

January 7, 2020



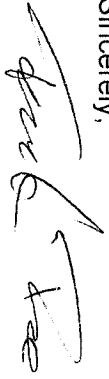
Cover Letter for FCC Application

Please grant FCC certification for the 6 Occupancy Sensors described within. A single logic board used with all 6 models integrates a Texas Instruments reference design radio model #: CC2541 to provide 2.4GHz Low Power Bluetooth which is only used for product configuration during installation. After configuration, the Bluetooth radio is not use during normal operation. Under FCC rule part 15.247, this product will only communicate in the Bluetooth domain at 2.4 GHz.

The hardware that controls the occupancy sensor operation is also exactly the same except for type of sensors used and type of lens cover that determines viewing area in room. Two different power boards can be used within the 6 models depending on the size of room it is intended to cover. An optional relay board is also used depending on 1, 2 or no relays with the device. All 6 options are factory only configurable.

Product ID		Comparison Information							
FCC ID#	Model# / Cat#	Description	Zones	Control Ch	Relays	Area (Sq Ft)	Sensor Type	Vacancy	Radio
QGH-PVDIM	O5C04-IDW	Passive Infrared (PIR) 1 Zone, Auto Vacancy, w/Bluetooth	1	1	1	450-1500	PIR	auto on	BT
QGH-PVDIM	O6C04-IDW	PIR 2 Zone, Auto Vacancy, w/ Bluetooth	2	2	2	450-1500	PIR	auto on	BT
QGH-PVDIM	O5C20-MDW	Multi-tech - PIR & Ultrasonic (US) 1 Zone, Auto Vacancy, w/ Bluetooth	1	1	1	2000	MT	auto on	BT
QGH-PVDIM	O6C20-MDW	Multi-tech - PIR & US 2 Zone, Auto Vacancy, w/ Bluetooth	2	2	2	2000	MT	auto on	BT
QGH-PVDIM	V6C20-MDW	Multi-tech - PIR & US 2 Zone, Manual Vacancy, w/ Bluetooth	2	2	2	2000	MT	manual on	BT
QGH-PVDIM	V6C04-IDW	PIR 2 Zone, Manual Vacancy, w/ Bluetooth	2	2	2	450-1500	PIR	manual on	BT

Sincerely,

A handwritten signature in black ink, appearing to read 'Frank Tse'. The signature is written in a cursive style with a large initial 'F' and a long horizontal stroke.

Frank Tse