

# mmWave Presence Sensor Comparison

Link to excel file: [mmWave Presence Sensor Excel Spreadsheet](#)

Scroll table to right to see others

Column1	Apollo MSR-1	Apollo MSR-1 CO2	Everythi ng Presence One Kit	Everythi ng Presence Lite Kit	Screek Human Sensor 1U	Screek Human Sensor 2A	Aqara FP1	Aqara FP2	Seed Studio mmWave Kit
Price (USD)	\$      34.99	\$      54.99	\$      78.00	\$      37.00	\$      25.99	\$      29.99	\$      49.99	\$      82.99	\$      26.99
Motion Detection									
mmWave	LD2410B	LD2410B	SEN0395	LD2450	LD2410C	LD2450	BGT60TR 13C	IWR6843	Human Static Presence Module Lite
Detection Distance (m)	6	6	9	6	6	6	5	6 to 8	5

Detection Zones	3 zones and 9 gates (adjustable and distance based)	3 zones and 9 gates (adjustable and distance based)		x		x	x	x	
Target Tracking				x		x	x	x	
PIR			<a href="#">Panasonic</a>						
Connection Method									
Wi-Fi	ESP32-C3-MINI	ESP32-C3-MINI	ESP32-WROOM-32	ESP32-WROOM-32	ESP32-S2	ESP32-C3		ESP32-WROOM-32U	ESP32-C3
Zwave							x		
Zigbee							x		
Bluetooth	ESP32-C3-MINI	ESP32-C3-MINI	ESP32-WROOM-32	ESP32-WROOM-32	ESP32-S2	ESP32-C3		ESP32-WROOM-32U	ESP32-C3
ESPHome	ESP32-C3-MINI	ESP32-C3-MINI	ESP32-WROOM-32	ESP32-WROOM-32	ESP32-S2	ESP32-C3			ESP32-C3
Case / Stand									
Case Included	x	x	\$  8.00	x	x	x	x	x	x
Cable				x	x	x	x	x	x
Stand	\$4.99 (Optional)	\$4.99 (Optional)	Included with case purchase	x			x	x	
Outlet Mount	\$6.99 (Optional)	\$6.99 (Optional)							
Outlet Mount w/ Wall Plug	\$19.99 (Optional)	\$19.99 (Optional)							




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