

Wall Mount Sensor Series

65XX-Series



OVERVIEW

The wall mount volumetric passive infrared (PIR) motion sensors provide high value in both design and performance. These sensors are well-suited for residential and light commercial environments with a stylish housing to complement any decor and modest budgets. This series of sensors feature the latest in digital signal processing with superior catch performance that reduces electronic sensitivity - resulting in a greater level of false alarm immunity.

The 65XX Series motion sensors include several features making it flexible and easy to install. Equipped with a standard EOL resistor, the product is available with wall mount brackets and four height options to aim the detector where required. The Fresnel lens of the 6540U model can be replaced in the field with a curtain lens or long-range lens. For additional and improved false alarm reduction, the optical chamber is sealed to reduce the possibility of interference from bugs. The Pet Immunity (PI) version provides two pulse settings for up to 40 or 80 lbs. of pet immunity.

STANDARD FEATURES

- Passive infrared volumetric motion sensor
- Detection range 40 ft. (6540U); 50 ft. (6550U)
- Digital signal processing
- Stylish design
- Quick to install
- Built-in EOL resistor of 3.3k Ohm
- UL/CUL listed

Wall Mount Sensor Series

North America
T 888-437-3287

Asia
T 852-2907-8108
F 852-2142-5063

Australia
T 61-3-9239-1200
F 61-3-9239-1299

Europe
T 32-2-725-11-20
F 32-2-721-40-47

Latin America
T 561-998-6100
F 561-994-6572

Specifications

Description	6540U	6540UPI	6550U
Detection Range	40 ft. (12m)	40 ft. (12m)	50 ft. (15m)
Optics	Fresnel Lens	Optics Holographic Fresnel Lens	Fresnel Lens
Pet Immunity	-	Pulse count 1: up to 44lbs/20kg Pulse count 2: up to 77lbs/35kg	-
Mounting Height	4.1 to 10 ft. (1.5 to 3.1m)	4.1 to 7.5 ft. (1.5 to 2.3m)	4.1 to 10 ft. (1.5 to 3.1m)
Power Supply	9 to 15 VDC	9 to 15 VDC	9 to 15 VDC
Current Consumption	8.7 mA	(nom.) 8.7 mA	8.7 mA
Alarm Relay	<24 VDC, 50mA, NC	<24 VDC, 50mA, NC	<24 VDC, 50mA, NC
Tamper Relay	<24 VDC, 50mA, NC	<24 VDC, 50mA, NC	<24 VDC, 50mA, NC
Target Speed Range	1 ft./s to 10 ft./s (30cm/s to 3m/s)	1 ft./s to 10 ft./s (30cm/s to 3m/s)	1 ft./s to 10 ft./s (30cm/s to 3m/s)
Dimensions (W x H x D)	4.8 x 2.6 x 1.7 in. (123 x 66 x 42 mm)	4.8 x 2.6 x 1.7 in. (123 x 66 x 42 mm)	4.8 x 2.6 x 1.7 in. (123 x 66 x 42 mm)
Weight	3.3 oz. (94g)	3.3 oz. (94g)	3.3 oz. (94g)
Ambient Conditions	14°F to 130°F (-10 to 55°C)	14°F to 130°F (-10 to 55°C)	14°F to 130°F (-10 to 55°C)
Relative Humidity	max. 95%	max. 95%	max. 95%

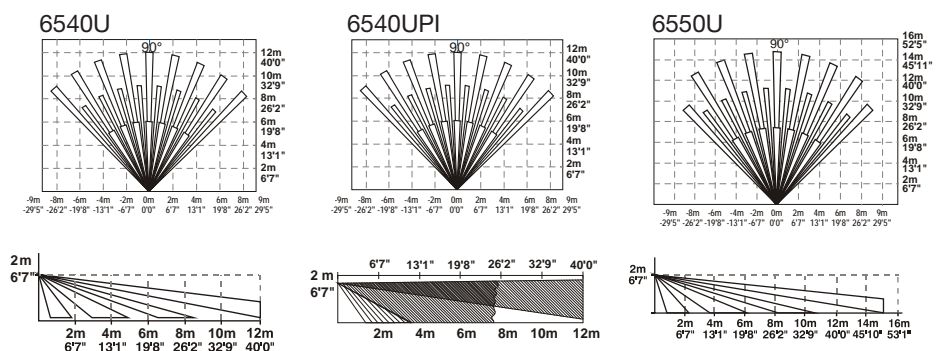
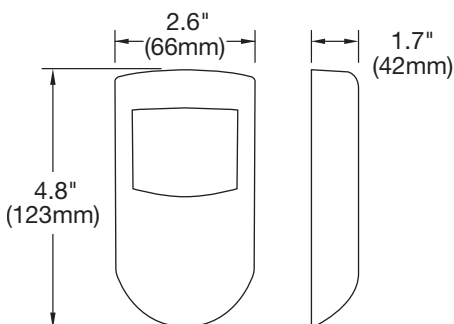
Ordering Information

6540U	40' PIR
6540UPI	40' PIR PI
6550U	50' PIR

Accessories

6545U-BP	Swivel-mount bracket for 65XX series (10-pack)
6545U-LR	Long-range lens for 6540U (10-pack), 86 ft.
6545U-CL	Curtain lens for 6540U (10-pack), 40 ft., 6°

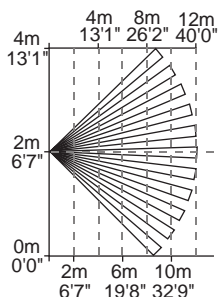
Dimensional and Coverage Diagrams



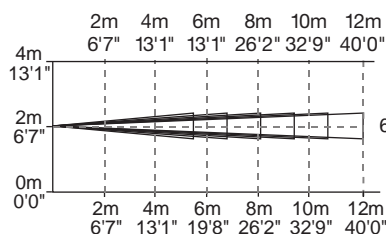
UL/CUL Note:
Models 6540U and 6550U have a dead zone of 7 ft.
The 6540UPI has not been evaluated for the pet immunity specifications as indicated in the instructions.

6545U-CL

SIDE VIEW

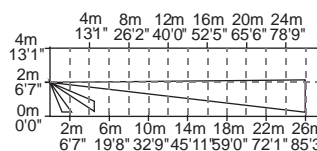


TOP VIEW



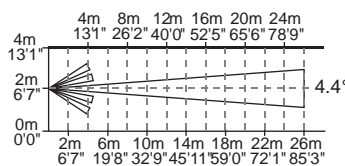
6545U-LR

SIDE VIEW



TOP VIEW

Mount Detector at 6'7"



Specifications subject to change without notice.

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