

# Outdoor PIR Detector

OPT-LX-402

Wide Angle Passive Infrared Detector



## Features

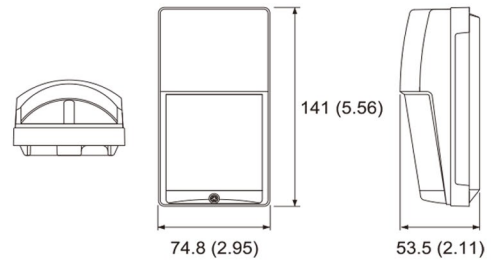
- Day & night modes
- Selectable detection patterns
- Area masking strips
- Sensitivity selection switch
- Selectable pulse count
- Relay output (Form C)
- Double conductive shielding

Specifications

Model	LX-402	
Detection method	Passive Infrared	
Coverage	12m x 15m (40 ft. x 50 ft.) 120 wide	
Detection zones	Multi-level area	40 zones
	Pet alley area	18 zones
Mounting	Multi-level area	2.5m (8.3 ft.)
	Pet alley area	1.2 - 1.5 m (4 - 5 ft.)
Detection speed	0.3 - 1.0 m/sec. (1 - 3.3 ft./sec.)	
Sensitivity adjustment	Selectable 3 position (H, M, L)	
LED indicator	LED lights during detection	
Alarm period	2 ± 1 sec. (delay timer)	
Alarm output	NC, NO, 28V DC 0.2A max.	
Tamper switch	Opens when cover is removed.	
Pulse count	2 (20 ± 5 sec.) or TEST (1 pulse)	
Day/night mode adjustment	Approx. 10 to 100,000 lux	
Warm-up period	Approx. 60 sec.	
Power supply	10.8 - 13.2V DC	
Current consumption	25mA max.	
Installation place	Wall (indoor/outdoor)	
Operating temperature	-20C to +50C (-4F to +122F)	
Operating humidity	95% max.	
Weight	170g (6.0oz.)	
IP rating	IP 54	
Accessory	Masking strips (LX-402 only), mounting screw, sponge	

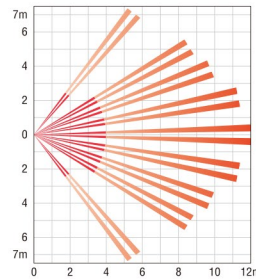
Specifications and design are subject to change without prior notice.

Dimensions

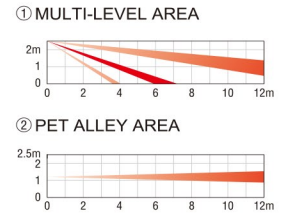


Detection Patterns

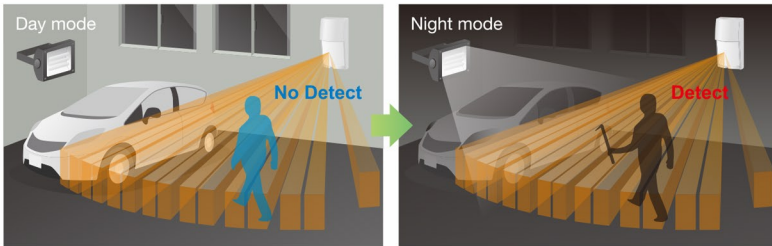
Top View



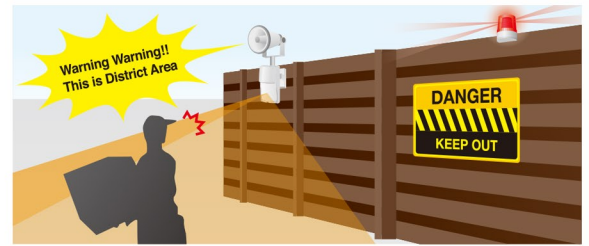
Side View



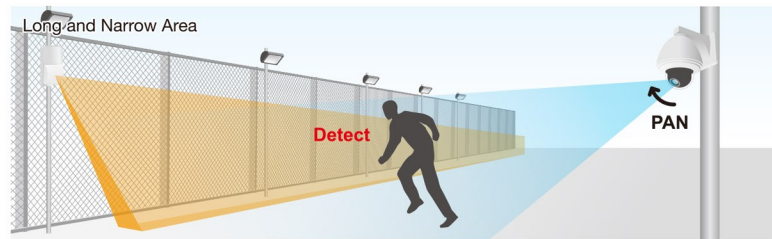
Lighting Control



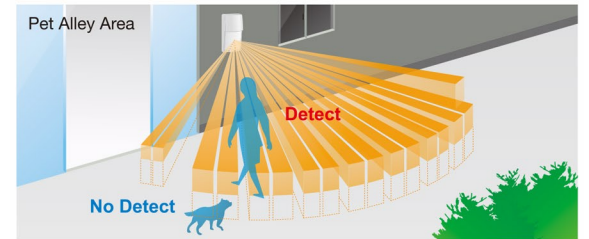
Safety Alert



PTZ camera control & DVR recording



Entry Alarm



Day & Night Modes

Adjust the Day/Night Mode switch according to the brightness of the surrounding environment.



Area Masking Strips (LX-402 only)

Unwanted detection areas can be easily eliminated by attaching the supplied masking strips.

Selectable Detection Patterns (Multi or Pet Alley)

Multi-level or Pet Alley detection patterns can be selected by sliding the printed circuit board and flipping the mirror. Changing the vertical detection area allows the detector to match the site conditions.

Selectable Sensitivity (High, Mid, Low)

Selectable Pulse Count (Test or 2)

Test Mode is selected when conducting a Walk Test, or for use in extremely stable environment.

