OPTEX
Sensing Innovation

OUTDOOR PIR DETECTOR

12 X 15m 120° Wide | 24 X 2m Long and narrow

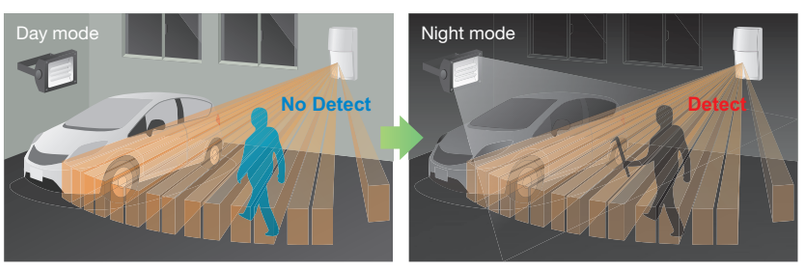
LX-402 LX-802N

Triggering Lighting and Camera

The LX series is weatherproof and specifically designed for outdoor applications, such as triggering lighting and cameras. With advanced features such as sensitivity and range adjustment and a built-in light sensor providing day and night modes, the LX series is highly versatile. With Double Conductive Shielding, the LX series is resistant to interference from non-related light sources such as the sun and car headlights.



LIGHTING CONTROL



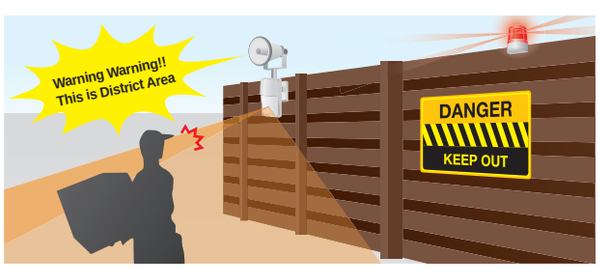
PTZ camera control and DVR recording



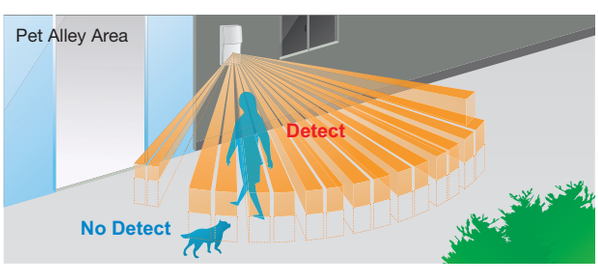
Features

- Day & night modes
- Selectable detection patterns (Pet Alley or Multi-Level)
- Area-masking strips
- Sensitivity selection switch
- Selectable pulse count (test or 2)
- Form C relay output
- Double conductive shielding

SAFETY ALERT

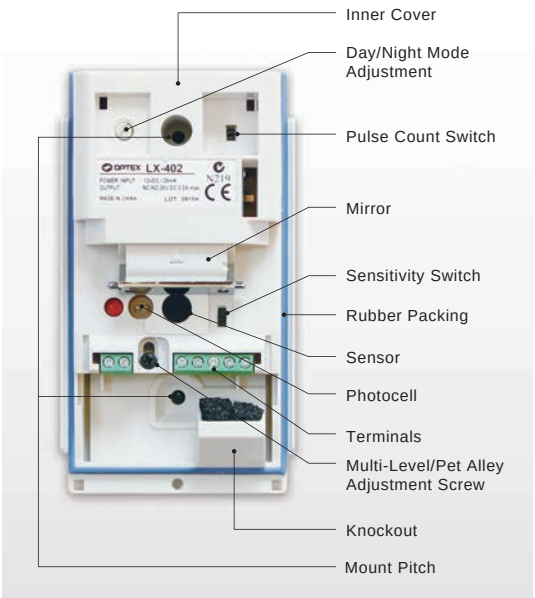


ENTRY ALARM



OUTDOOR PASSIVE INFRARED DETECTOR

LX-402/802N



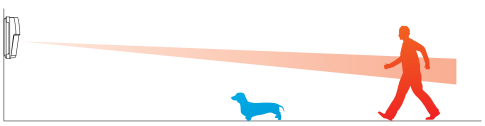
Day & Night Modes

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



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.



Area Masking Strips (LX-402 only)

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

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.

Form C relay output
(N.O./N.C.)



Multi angle wall mount Bracket

CA-1W

Horizontally : 45°
Vertically : 0 to 20°
Downward



Ceiling mount Bracket

CA-2C

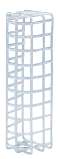
Horizontally : 45°
Vertically : 0 to 20°
Downward



Protective metal cover

MG-1

H262 x W84 x D79mm



SPECIFICATION

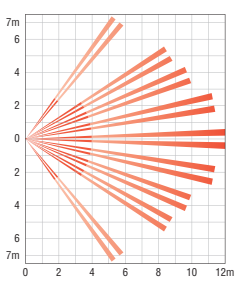
Model		LX-402	LX-802N
Detection method		Passive Infrared	
Coverage		12m x 15m (40 ft. x 50 ft.) 120 wide	24m x 2m (80 ft. x 6.6 ft.) Long and narrow
Detection zones	Multi-level area	40 zones	12 zones
	Pet alley area	18 zones	4 zones
Mounting	Multi-level area	2.5m (8.3 ft.)	
	Pet alley area	1.2 - 1.5 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.)	190g (6.8oz.)
IP rating		IP 54	
Accessory		Masking strips (LX-402 only), mounting screw, sponge	

Specifications and design are subject to change without prior notice.

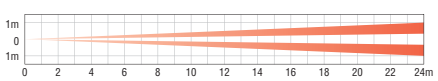
DETECTION PATTERNS

TOP VIEW

LX-402

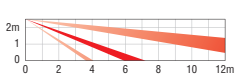


LX-802N

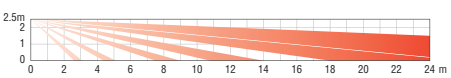


SIDE VIEW

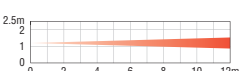
① MULTI-LEVEL AREA



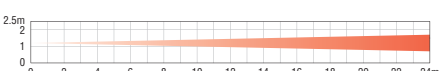
① MULTI-LEVEL AREA



② PET ALLEY AREA

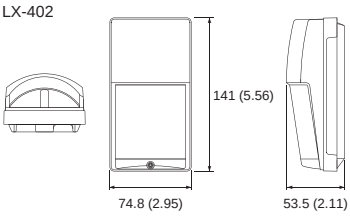


② PET ALLEY AREA

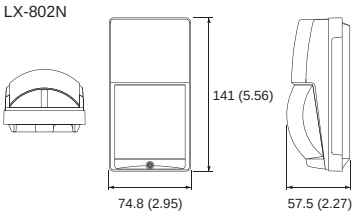


DIMENSIONS

LX-402



LX-802N



Unit:mm(inch)

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