

OUTDOOR PIR DETECTOR

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

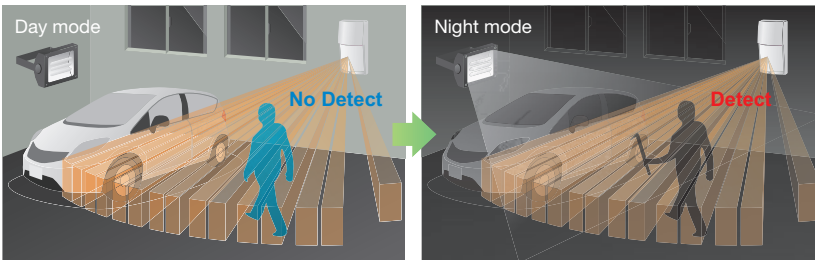
**LX-402 LX-802N**

# Triggering Lighting and Camera

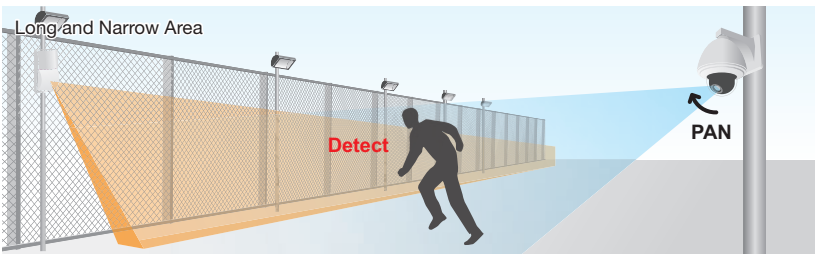
The LX series is weatherproof and specifically designed for outdoor applications, such as triggering lighting and cameras. With advanced features such as sensitivity and range adjustment and a built-in light sensor providing day and night modes, the LX series is highly versatile. With Double Conductive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



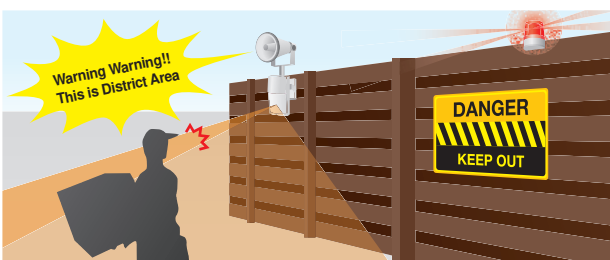
## ● LIGHTING CONTROL



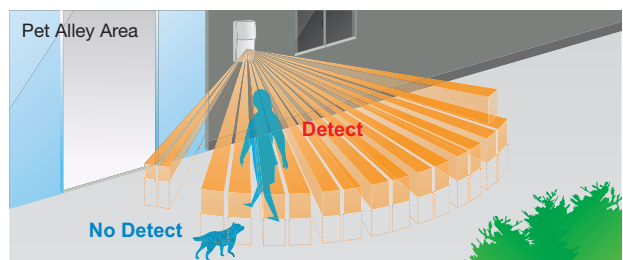
## ● PTZ camera control and DVR recording



## ● SAFETY ALERT



## ● ENTRY ALARM

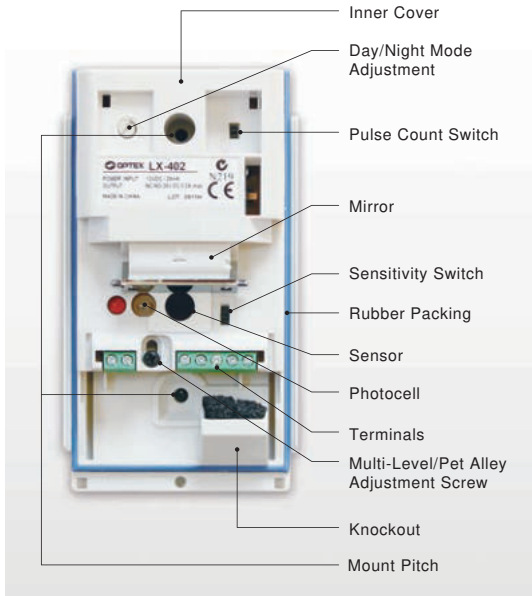


## ● Features

- 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

OUTDOOR PASSIVE INFRARED DETECTOR

# LX-402/802N



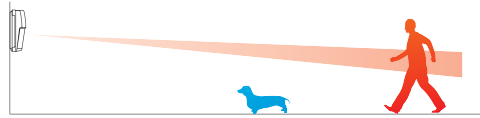
### Day & Night Modes

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



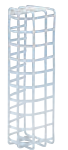
### Ceiling mount Bracket CA-2C

Horizontally : 45°  
Vertically : 0 to 20°  
Downward



### Protective metal cover MG-1

H262 x W84 x D79mm



## SPECIFICATION

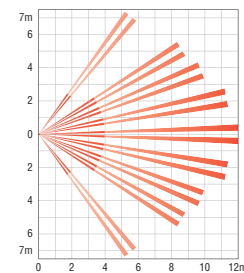
Model	LX-402	LX-802N
Detection method	Passive Infrared	
Coverage	12m x 15m (40 ft. x 50 ft.) 120 wide	24m x 2m (80 ft. x 6.6 ft.) Long and narrow
Detection zones	Multi-level area : 40 zones Pet alley area : 18 zones	12 zones 4 zones
Mounting	Multi-level area : 2.5m (8.3 ft.) Pet alley area : 1.2 - 1.5 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.

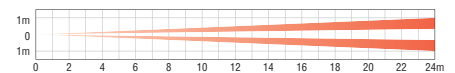
## DETECTION PATTERNS

### TOP VIEW

#### LX-402

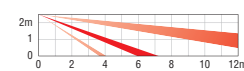


#### LX-802N

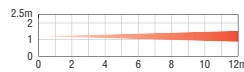


### SIDE VIEW

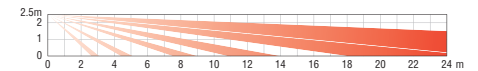
#### ① MULTI-LEVEL AREA



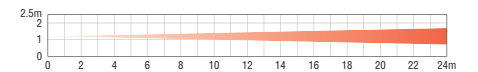
#### ② PET ALLEY AREA



#### ① MULTI-LEVEL AREA

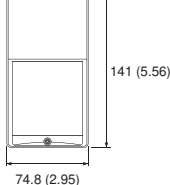


#### ② PET ALLEY AREA

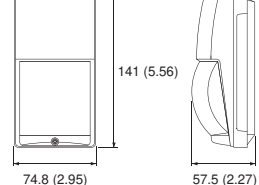
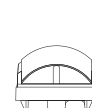


## DIMENSIONS

### LX-402



### LX-802N



Unit:mm(inch)



**OPTEX CO., LTD. (JAPAN)**  
5-8-12 Ogoto Otsu Shiga 520-0101 JAPAN  
TEL : +81-77-579-8670  
URL : <http://www.optex.co.jp/e/>

**OPTEX INCORPORATED (USA)**  
TEL : +1-909-993-5770  
Tech: (800) 966-7839  
URL : <http://www.optexamerica.com/>

**OPTEX (EUROPE) LTD. (UK)**  
TEL : +44-1628-631000  
URL : <http://www.optex-europe.com/>

**OPTEX DO BRASIL LTDA.**  
TEL : +55-11-2225-0934  
URL : <http://www.optexdobrasil.com.br/>

**OPTEX SECURITY SAS (FRANCE)**  
TEL : +33-437-55-50-50  
URL : <http://www.optex-security.com/>

**OPTEX PINNACLE INDIA PRIVATE LIMITED**  
TEL : +91-124-4035704  
URL : <http://www.optex.net/in/>

**OPTEX SECURITY Sp.z o.o. (POLAND)**  
TEL : +48-22-598-06-55  
URL : <http://www.optex.com.pl/>

**OPTEX KOREA CO., LTD. (KOREA)**  
TEL : +82-2-719-5971  
URL : <http://www.optexkorea.com/>

**OPTEX (DONGGUAN) CO., LTD. SHANGHAI OFFICE (CHINA)**  
TEL : +86-21-34600673  
URL : <http://www.optexchina.com/>