

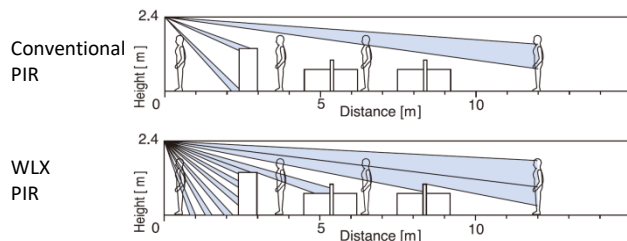
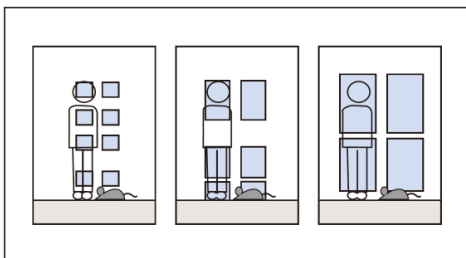
## WLX-40, WLX-80

### Features

- WLX-40 : 12m 120° Wide Angle
- WLX-80 : 24m Long Range
- Selectable Detection Patterns
- Waterproof (IP Rating: IP54)
- Selectable pulse count
- LED on/off selection
- Walk test selection
- IDS Xwave wireless technology
- Quad Zone Logic detection

## Quad Zone Logic

Quad zone logic creates an extremely high vertical zone density, two or three times the size of conventional PIRs. These taller zones capture the entire body mass and enable detection of even the smallest temperature contrast against the background. In addition, the vertical detection density has been improved to take into account dead zones created by furniture or partitions.



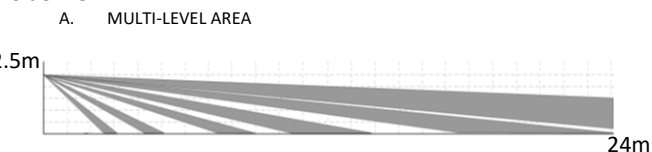
## Detection Area

### WLX-80

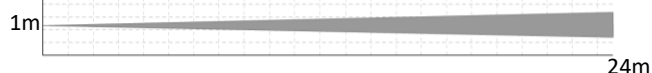
#### Top View



#### Side View

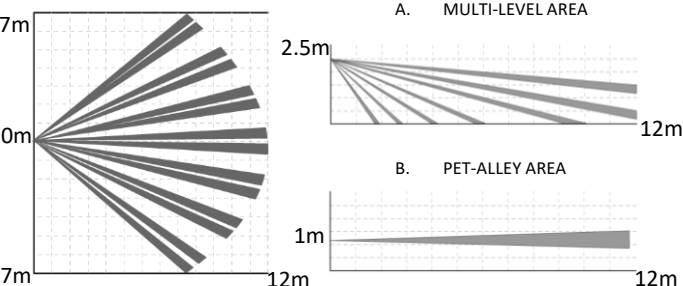


#### B. PET-ALLEY AREA

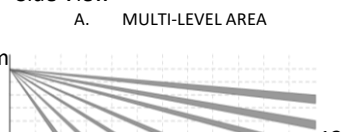


### WLX-40

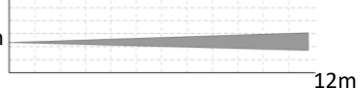
#### Top View



#### Side View



#### B. PET-ALLEY AREA

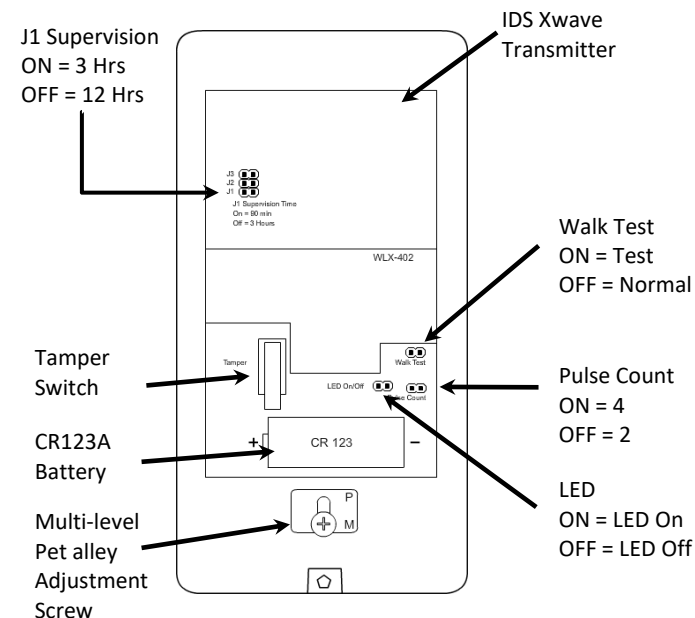


## Selecting Pet-Alley Pattern

1. Remove screw
2. Slide up and remove inside cover
3. Flip up the mirror
4. Insert the inside cover from Step 2
5. Slide to P position and fix with screw

700-563-04A

## Device Description



## Detector Settings

### Pulse Count

The pulse count helps prevent false alarms by setting the number of detection zones that must detect infrared heat before registering a violation.

For regular applications set the pulse count to 2 and for harsh environments select 4 as shown below.



Pulse Count 2



Pulse Count 4

Note on pulse count during walk test:

Once detection has been detected during the walk test, the pulse count is ignored during the delayed timer period (approx. 120 seconds) to accelerate the detection of each detection area.

### LED On/Off

To conserve power the detection LED can be switched off.



LED Off



LED On

## Walk test

To bypass the delay time, approximately 120 seconds, on the detector when conducting a walk test, insert the jumper.



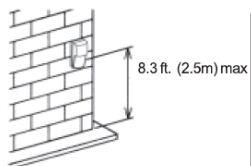
Walk Test Off



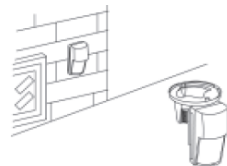
Walk Test On

Note: To conserve battery life remove walk test jumper once all tests are complete.

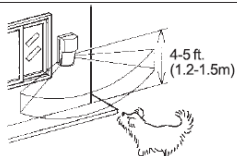
## Installation Hints



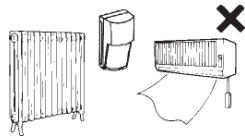
Maximum mounting height is 8.3ft. (2.5m).



Mount the detector directly to a wall or ceiling with the optional bracket(model CA-1W or CA-2C).



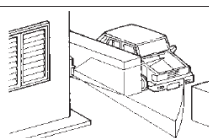
When using the pet alley area, the mounting height should be between 4-5ft. (1.2-1.5m).



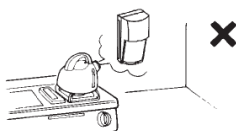
Avoid looking directly at air conditioning or heating vents.



Avoid moving objects in the detection area (i.e. swaying trees, bushes, etc.).



Aim the detector at wall or the ground, to avoid unwanted detection.



Avoid vapor or high humidity that can cause condensation.

## Wireless Devices

The following wireless devices can be added to the Xwave wireless system. Please visit: [www.idsprotect.com](http://www.idsprotect.com) for more information



Proudly integrated with



## Indoor



OPTEX WIRELESS INDOOR 360° PIR  
862-01-WFX-360-1B



OPTEX WIRELESS INDOOR PIR  
862-01-WNX-40PI-T(C)



OPTEX WIRELESS INDOOR  
LONG RANGE PIR  
862-01-CX-702RSC



Xwave Wireless Door Mag  
860-07-587

## Outdoor



OPTEX WIRELESS OUTDOOR COMPACT  
DETECTOR  
862-01-FTN-R

OPTEX WIRELESS OUTDOOR COMPACT  
DETECTOR WITH ANTI MASK  
862-01-FTN-RAM



OUTDOOR PIR DETECTOR FOR  
BUILDING PERIMETER  
862-01-BX80-NR



OPTEX 30M DUAL INFRARED BEAM  
862-01-SL-100TNR

OPTEX 60M DUAL INFRARED BEAM  
862-01-SL-200TNR



OPTEX OUTDOOR WIRELESS PIR -  
862-01-VXI-R

OPTEX OUTDOOR WIRELESS PIR -  
862-01-VXI-RAM With Anti Masking

OPTEX OUTDOOR WIRELESS PIR -  
862-01-VXI-RDAM-X5



OPTEX WIRELESS OUTDOOR 180° PIR  
862-01-WXI-R

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