



# CDX Series

Advanced Indoor PIR Detector



OPTEX, the global leader in outdoor detection innovation, is pleased to announce the CDX series, an advanced dual-technology sensor designed to give extremely stable detection performance for a variety of indoor commercial applications.

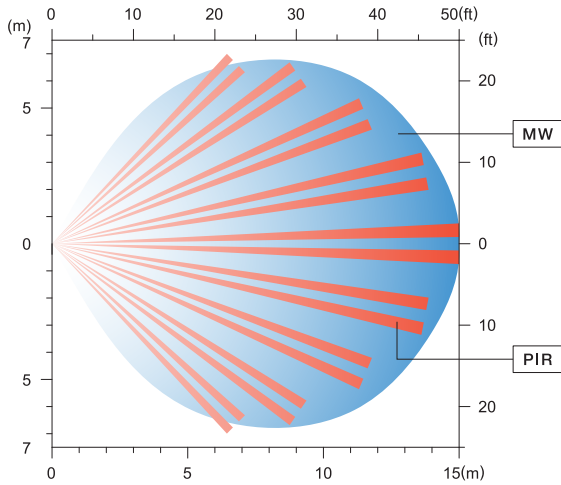
The CDX series features 82 detection dense zones for unparalleled distinction between human and small animal presence in the protected area. In addition, CDX series features the newly developed digital MPU “Core Platform” for reliable and accurate performance.

The CDX series also utilizes AIR technology to detect attempted masking. To maintain stable performance, the CDX series differentiates between true masking and other masking caused by environmental changes such as dirt/dust adhesion, temperature changes and direct light by optimizing its sensitivity for the most reliable protection.

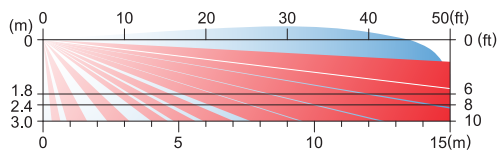
# Features

## WIDE ANGLE (CDX-AM/DAM)

TOP VIEW

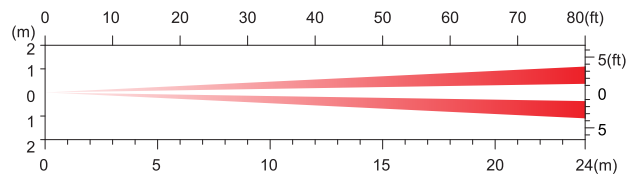


SIDE VIEW

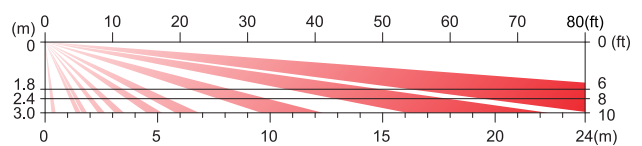


## LONG RANGE (CDX-NAM)

TOP VIEW



SIDE VIEW



- Digital Quad Zone Logic: 82 dense detection zones, accurate distinction between human and small animal presence
- Digital AIR anti-masking
- Double conductive shielding
- Plug-in EOL unit
- Size analysis function ignores sources of false alarms
- Interchangeable main unit

# Components

<b>CDX-AM</b>	50' x 50' wide angle hardwired PIR with anti-masking
<b>CDX-DAM</b>	50' x 50' wide angle hardwired PIR & MW with anti-masking
<b>CDX-NAM</b>	80' x 7' long range hardwired PIR with anti-masking

## Optional Accessories:

(Call for price & availability)

Compact Wall & Ceiling Bracket  
**FA-3**

Wall Mount Bracket  
**FA-1W**

For additional information regarding products or applications, please contact your regional OPTEX representative or our Inside Sales Department at **(800) 966-7839 EXT 155**.

To see all products and solutions that OPTEX has to offer, visit [www.optexamerica.com](http://www.optexamerica.com)

## Specifications

Model	CDX-NAM	CDX-AM	CDX-DAM
Detection method	Passive infrared		Passive infrared & Microwave
Detector standard	EN50131-2-2 (Grade 3)		EN50131-2-4 (Grade 3)
Masking detection method	AIR type		
PIR Coverage (Detection zones)	24m x 2m (80ft. x 7ft.) narrow (20 zones)	15m x 15m (50ft. x 50ft.) 85° wide (82 zones)	
Power supply	9 - 18VDC		
Current consumption	17mA (normal) / 20mA (max.) at 12V DC		19mA (normal) / 26mA (max.) at 12V DC
Alarm output	N.C. 28V DC 0.2A max.		
Tamper switch	N.C. Opens when cover is removed of the wall tamper switch operates. 28V DC 0.1A max.		
Trouble output	N.C. 28V DC 0.2A max.		
Operating temperature	-10°C - +50°C (14°F - 122°F)		
Environmental humidity	95% max.		
RF interference	No alarm 10V/m		
Mounting height	1.8 - 2.4m (6 - 8ft.)		
Weight	180g (6.3oz)		
Dimensions (HxWxD)	140 x 70 x 52.3 mm (5.51 x 2.76 x 2.06 inches)		

\*Specifications and design are subject to change without prior notice.