

PIR/MICROWAVE
COMBINATION DETECTOR

FMX Series

STANDARD MODEL

FMX-DT

Ease of handling

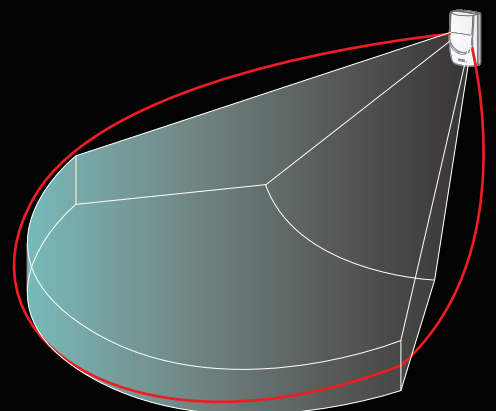
Dual Technology Indoor Detector for high-end residential and light commercial installation.

15 meters detection coverage fits for these sites.

Feel the next generation stability by the combination of PIR and Microwave technology.

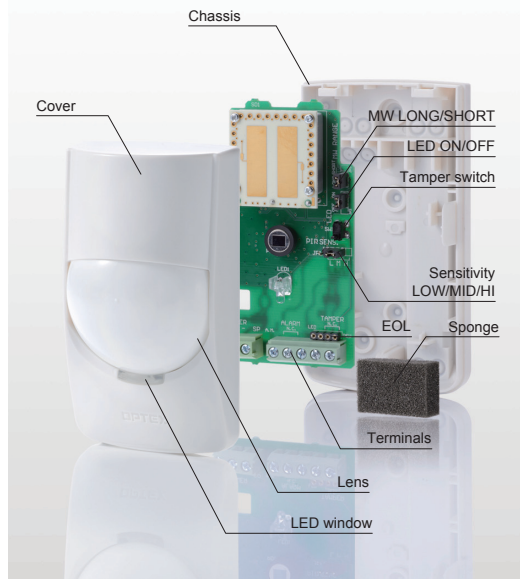
Grade 2
EN50131-2-4

● 15m x 15m wide PIR×MW



PIR/MICROWAVE COMBINATION DETECTOR

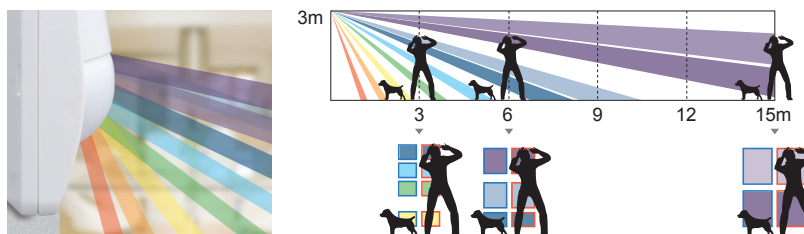
FMX-DT



APPLICABLE BY MICROWAVE FREQUENCY

Model	Frequency	Country
X5	10.525 GHz	Belgium, Denmark, Finland, Greece, Italy, Luxembourg, The Netherlands, Spain, Sweden, Iceland, Norway, Switzerland
X8	10.587 GHz	France, Ireland, United Kingdom, Belgium, The Netherlands, Luxembourg

DIGITAL QUAD ZONE LOGIC



FMX has 78 dense zones to cover the whole detection area. At any spot within the detection area more than 4 (quad) zones are utilized to verify if it should generate alarm or not. Also The CORE platform enables the QUAD ZONE LOGIC to evolve to the next step, providing digital quantification of infrared energy, FMX enhances accuracy in both human detectability and pet immunity.

BASIC PERFORMANCE

- Digital Quad Zone Logic
- Silent Output
- Advanced Sealed Optics
- Advanced Temperature compensation logic
- Remote LED control

OPTION

Mounting bracket
FA-3



Multi angle wall & ceiling bracket

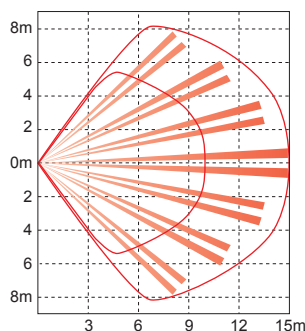
SELECTABLE Plug-in End of line Unit (OPTION)

Item	Alarm	Tamper	Panels
PEU-B	4.7K	4.7K	Old GE/Aritech
PEU-C	1.1K	1.1K	Honeywell Galaxy (U.K.)
PEU-D	1.1K	1.1K	Honeywell Galaxy (Benelux)
PEU-E	1.1K	1.1K	Satel
PEU-F	5.6K	5.6K	DSC
PEU-G	8.2K	8.2K	Guardall
PEU-H	4.7K	2.2K	Old Texecom, Cooper, Scantronics etc.
PEU-I	3.3K	3.3K	New Texecom, NetworX, Inim
PEU-J	6.8K	4.7K	Risco ProSYS
PEU-K	1.0K	1.0K	Siemens SPC

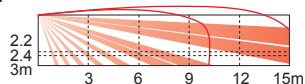
No warranty is given as to the fitness of this option with noted above manufacture's product. Please check on specifications of a control panel before you buy this option.

COVERAGE

TOP VIEW



SIDE VIEW

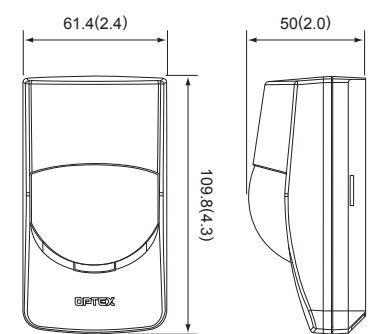


SPECIFICATIONS

Model	FMX-DT
Detection method	Passive Infrared + Microwave
Coverage	15 m x 15 m (50 ft x 50 ft) 85°wide
Detection zones	78 zones
Mounting height	2.2 to 3.0 m (7.3 to 10.0 ft)
LED alarm indicator	Switchable ON/OFF
Alarm period	Approx. 2.5 sec
Alarm output	N.C., 28 VDC 0.2 A max.
Tamper switch	N.C., Open when cover is removed.
Tamper output	28 VDC 0.1 A max.
PIR sensitivity/range	Switchable LOW/MID/HI
Microwave sensitivity/range	Switchable LONG/SHORT
Warm up period	Approx. 60 sec (LED blinks.)
Power input	9.5 to 16 VDC
Current draw	12 mA (normal), 15 mA (max.) at 12 VDC
Dimensions	111.7 mm x 61.4 mm x 50.0 mm <HxWxD>
Weight	Approx. 120 g
Operating temperature	-20°C to +45°C (-4°F to +113°F)
Environmental humidity	95% max.
RF interference	No alarm 10 V/m

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

DIMENSIONS



Unit:mm(inch)



OPTEX CO., LTD. (JAPAN)

URL: <http://www.optex.net/>

OPTEX INC. (U.S.)

URL: <http://www.optexamerica.com/>

OPTEX DO BRASIL LTDA. (Brazil)

URL: <http://www.optex.net/br/es/sec/>

OPTEX (EUROPE) LTD. / EMEA HQ (U.K.)

URL: <http://www.optexeurope.com/>

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