

PIR/MICROWAVE  
COMBINATION DETECTOR

**FMX Series**

STANDARD MODEL

**FMX-DT**

# Ease of handling

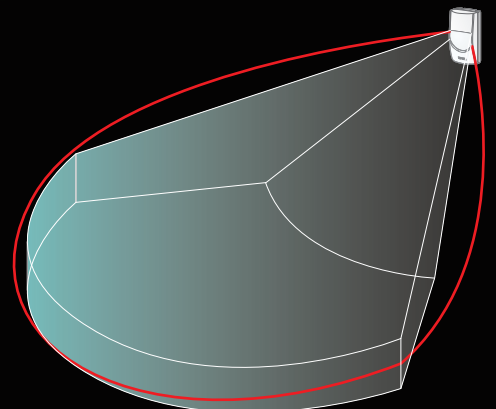
Dual Technology Indoor Detector for high-end residential and light commercial installation.

15 meters detection coverage fits for these sites.

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

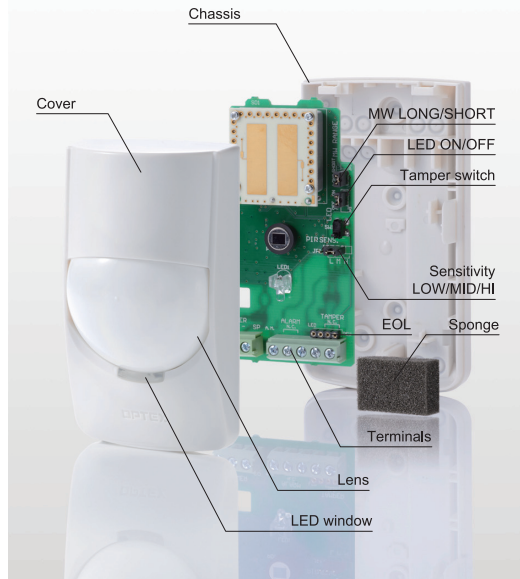
**Grade 2**  
EN50131-2-4

● 15m × 15m wide PIR×MW



**PIR/MICROWAVE  
COMBINATION DETECTOR**

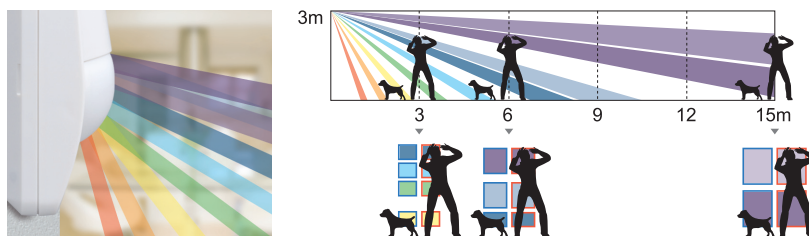
# FMX Series



**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      OPTION      SELECTABLE Plug-in End of line Unit (OPTION)**

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

Mounting bracket  
**FA-3**



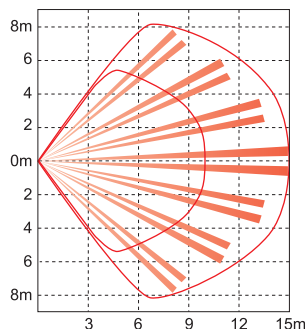
Multi angle wall & ceiling bracket

Item	Trouble	Alarm	Tamper	Panels
PEU-B	6.8K	4.7K	4.7K	Old GE/Aritech
PEU-C	12.0K	1.1K	1.1K	Honeywell Galaxy (U.K.)
PEU-D	3.0K	1.1K	1.1K	Honeywell Galaxy (Benelux)
PEU-E	15.0K	1.1K	1.1K	Satel
PEU-F	5.6K	5.6K	5.6K	DSC
PEU-G	8.2K	8.2K	8.2K	Guardall
PEU-H	2.2K	4.7K	2.2K	Old Texecom, Cooper, Scantronics etc.
PEU-I	1.0K	3.3K	3.3K	New Texecom, NetworX, Inim
PEU-J	12.0K	6.8K	4.7K	Risco ProSYS
PEU-K	2.2K	1.0K	1.0K	Siemens SPC

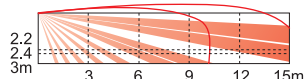
No warranty is given as to the fitness of this option with noted above manufacture's product. Please check on specifications of a control panel before you buy this option.

**COVERAGE      SPECIFICATIONS      DIMENSIONS**

■ TOP VIEW

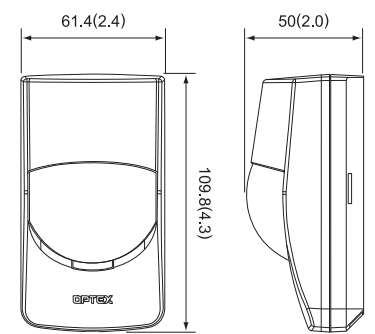


■ SIDE VIEW



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.
Sensitivity/range	Switchable LOW/MID/HI
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	109.8 mm x 61.4 mm x 50.0 mm <HxWxD>
Weight	Approx. 100 g
Operating temperature	-20°C to +50°C (-4°F to +122°F)
Environmental humidity	95% max.
RF interference	No alarm 10 V/m

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



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/>

**OPTEX TECHNOLOGIES B.V. (The Netherlands)**

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

**OPTEX SECURITY SAS (France)**

URL: <http://www.optex-security.com/>

**OPTEX SECURITY Sp.z o.o. (Poland)**

URL: <http://www.optex.com.pl/>

**OPTEX PINNACLE INDIA, PVT., LTD. (India)**

URL: <http://www.optex.net/in/en/sec/>

**OPTEX KOREA CO.,LTD. (Korea)**

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

**OPTEX (DONGGUAN) CO.,LTD. SHANGHAI OFFICE (China)**

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