![OPTEX — Sensing Innovation]

FMX Series

STANDARD MODEL

FMX-ST

SUPERIOR MODEL

FMX-DST

Ease of handling

High Performance PIR Indoor Detector for high-end residential and light commercial installation.
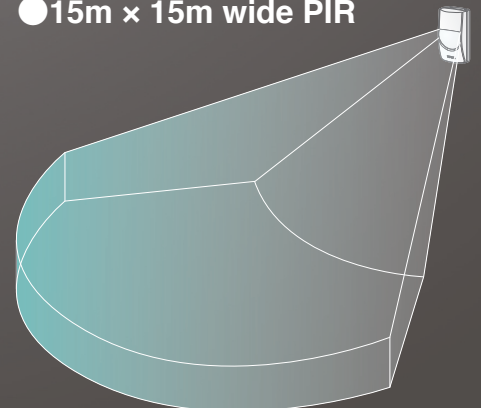15 meters detection coverage fits for these sites.
OPTEX new Plug-in End of line Unit (PEU) is easy and quick. You pick it up and feel how easy it is to install.
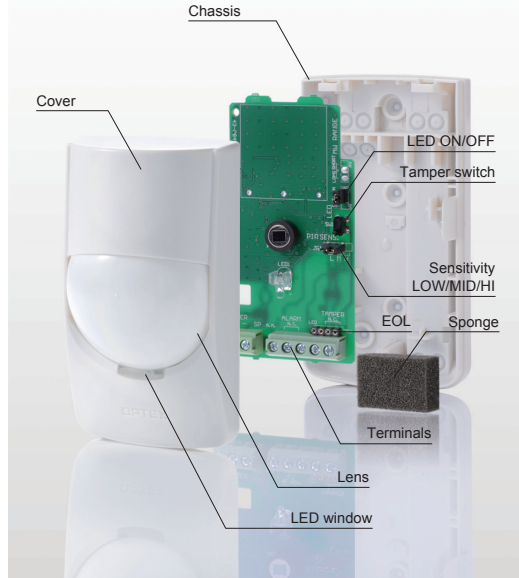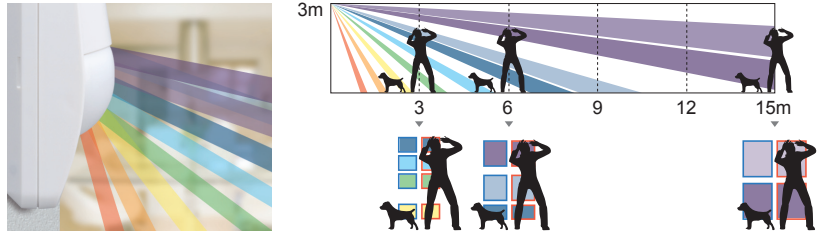
Grade 2
EN50131-2-2

● **15m × 15m wide PIR**

PASSIVE INFRARED DETECTOR

FMX-ST/-DST

Chassis
Cover
LED ON/OFF
Tamper switch
Sensitivity LOW/MID/HI
EOL
Sponge
Terminals
Lens
LED window

DIGITALQUAD ZONE LOGIC

3m

3 6 9 12 15m

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.

SELECTABLE Plug-in End of line Unit (OPTION)

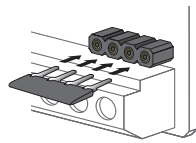| Item	Alarm	Tamper	Panels
PEU-B	4.7K	4.7K	Old GE/Aritech
PEU-C	1.1K	1.1K	Honeywell Galaxy (U.K.)
PEU-D	1.1K	1.1K	Honeywell Galaxy (Benelux)
PEU-E	1.1K	1.1K	Satel
PEU-F	5.6K	5.6K	DSC
PEU-G	8.2K	8.2K	Guardall
PEU-H	4.7K	2.2K	Old Texecom, Cooper, Scantronics etc.
PEU-I	3.3K	3.3K	New Texecom, NetworX, Inim
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 avobe manufacture`s product. Please check on specifications of a control panel before you buy this option.

BASIC PERFORMANCE

- Digital Quad Zone Logic
- Silent Output
- Advanced Sealed Optics
- Advanced Temperature compensation logic
- Double Conductive Filter (FMX-DST only)
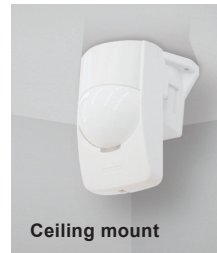- Remote LED Control

OPTION

Plug-in End of line unit
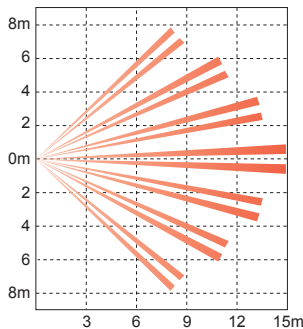**PEU**

Mounting bracket
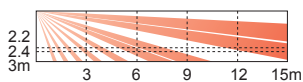**FA-3**

Multi angle wall & ceiling bracket

Ceiling mount

Wall mount

COVERAGE

■ TOP VIEW

8m
6
4
2
0m
2
4
6
8m

3 6 9 12 15m

■ SIDE VIEW

2.2
2.4
3m

3 6 9 12 15m

SPECIFICATIONS

Model	FMX-ST/-DST *
Detection method	Passive infrared
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., 24 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	8 mA (normal), 11 mA (max.) at 12 VDC
Dimensions	111.7 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

* FMX-DST is equipped with the Double Conductive Filter.
 Specifications and design are subject to change without prior notice.

DIMENSIONS

61.4(2.4)
50(2.0)
109.8(4.3)

Unit:mm(inch)

OPTEX

OPTEX CO., LTD. (JAPAN)
URL: http://www.optex.net/
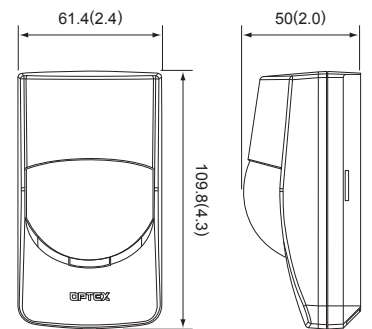
OPTEX INC. (U.S.)
URL: http://www.optexamerica.com/

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.eu/

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/

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