FMX Series

STANDARD MODEL
FMX-ST

SUPERIOR MODEL
FMX-DST

Ease of handling

High performance PIR indoor presence and intrusion sensor for high-end residential and light commercial application. The FMX series features Plug-in End of Line Unit (PEU) for easier and quicker installation. The FMX-DST model provides extra stability in environment with strong sunlight.

15m x 15m wide PIR
PASSIVE INFRARED DETECTOR

FMX-ST/-DST

FIMX has 78 dense zones to cover the whole detection area. At any spot within the detection area more than 4 (quad) zones are utilised to verify if an alarm should be generated or not. Additionally, the CORE processor used in the FMX series enables to improve the Quad Zone Logic by providing digital quantification of infrared energy. This enhances the accuracy level to differentiate between human or small animals.

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

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<th>Item</th>
<th>Alarm</th>
<th>Tamper</th>
<th>Panels</th>
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<tr>
<td>PEU-B</td>
<td>4.7K</td>
<td>4.7K</td>
<td>Old GE/Aritech</td>
</tr>
<tr>
<td>PEU-C</td>
<td>1.1K</td>
<td>1.1K</td>
<td>Honeywell Galaxy (U.K.)</td>
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<tr>
<td>PEU-D</td>
<td>1.1K</td>
<td>1.1K</td>
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<td>PEU-E</td>
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<td>1.1K</td>
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<td>PEU-F</td>
<td>5.6K</td>
<td>5.6K</td>
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<tr>
<td>PEU-G</td>
<td>8.2K</td>
<td>8.2K</td>
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<td>PEU-I</td>
<td>4.7K</td>
<td>2.2K</td>
<td>Old Texecom, Cooper, Scurantronics etc.</td>
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<tr>
<td>PEU-J</td>
<td>3.3K</td>
<td>3.3K</td>
<td>New Texecom, Networx, Intim</td>
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<td>PEU-K</td>
<td>6.8K</td>
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<td>Risco ProSYS</td>
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<tr>
<td>PEU-L</td>
<td>1.0K</td>
<td>1.0K</td>
<td>Siemens SPC</td>
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</table>

The names of the alarm panels mentioned above are for indication only. Please check with the panel manufacturer the PEU value required for each panel.

**IMPORTANT FEATURES**

- Pet tolerance
- Digital Quad Zone Logic (intelligent analysis)
- Remote LED control
- Noise reduction
- Advanced sealed optics
- Advanced temperature compensation logic
- Double conductive filter (FMX-DST only)

**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.

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