

SPECIFICATIONS*

ELECTRICAL :

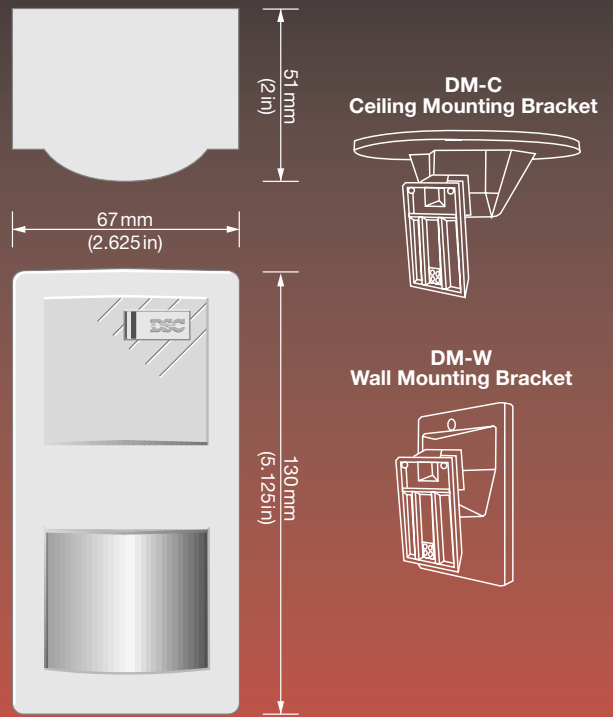
| | |
|---------------------------------------|---------------------|
| Operating voltage..... | 9.5 to 14.5Vdc |
| Ripple tolerance..... | 3VP-P at 12Vdc |
| Stand-by current | 30mA at 12Vdc |
| Alarm current | 30mA at 12Vdc |
| Alarm contacts | Form 'A' (standard) |
| | Form 'C' (optional) |
| Tamper contact | Optional |
| Contact ratings | 100mA at 24 Vdc |
| Alarm contact series resistance | 10Ω 0.25W |

OPERATION :

| | |
|-------------------------------|------------------|
| Alarm duration | 2 seconds |
| Walk speed | 0.5 to 10ft/s |
| | (0.15 to 3.0m/s) |
| Nominal mounting height | 7.5ft (2.3m) |
| Jumper | Alarm LED on/off |

IMMUNITY :

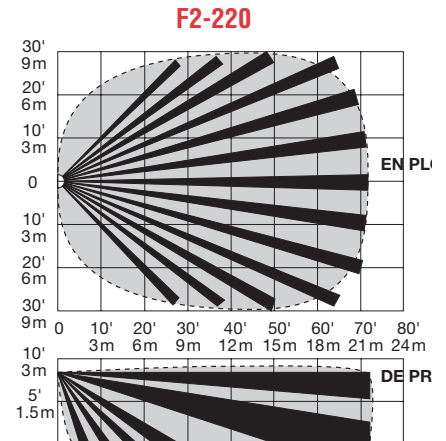
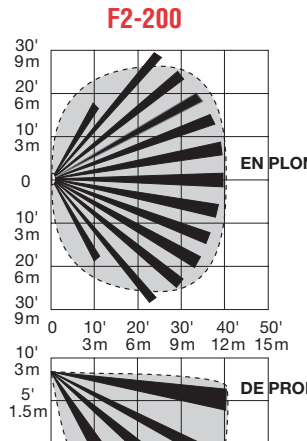
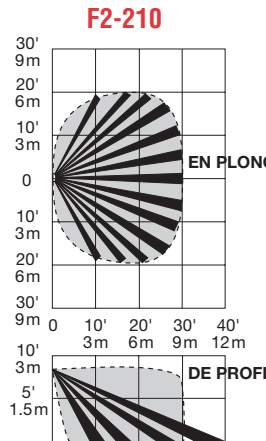
| | |
|---------------------------------|----------------------------------|
| RF immunity | 30V/m over range 0.01 to 1200MHz |
| Transients at terminals..... | 2.4kV at 1.2 joules |
| Static discharge immunity | 25kV |
| White light | 20,000Lux at the detector |
| Operating temperature | 32° to 122°F (0° to 50°C) |
| Humidity | 5% to 95% RH non-condensing |



F2-200, 210, 220 - with Form 'A' alarm contact

F2-201, 211, 221 - with Form 'A' alarm contact & tamper switch

F2-202, 212, 222 - with Form 'A' alarm contact & tamper switch



Coverage (max. L x max. W) : 30 x 40ft (9 x 12m)
 MW range adjust :
 Temperature compensation :

40 x 50ft (12 x 15m)
 10 to 40ft (3 to 13m)
 over entire operating range

70 x 60ft (21 x 18m)
 30 to 70ft (9 to 21m)
 over entire operating range

ARCHITECTS SPECIFICATIONS

* Specifications are subject to change without notice

Motion detectors shall be the dual detector type, employing both Microwave and Passive Infrared motion sensors. To prevent false alarms, both sensors must detect motion within a 10 second period of each other before any alarm is sent.

For additional reliability and false alarm protection, detectors shall employ MOV transient/static protection, SMD construction for high RF immunity, protection from white light, and microcontroller low voltage reset circuit.

Short, medium, and long range motion detectors shall be selected as required to suit the room in which they are to be installed. Medium and long range detectors shall have adjustable microwave detection pattern and built-in temperature compensation.

Detectors shall have built-in tamper switch and form 'A' or 'C' alarm contacts as required to suit the application.



Digital Security Controls 1645 Flint Road, Downsview, Ontario M3J 2J6
 An ISO 9001 Registered Company

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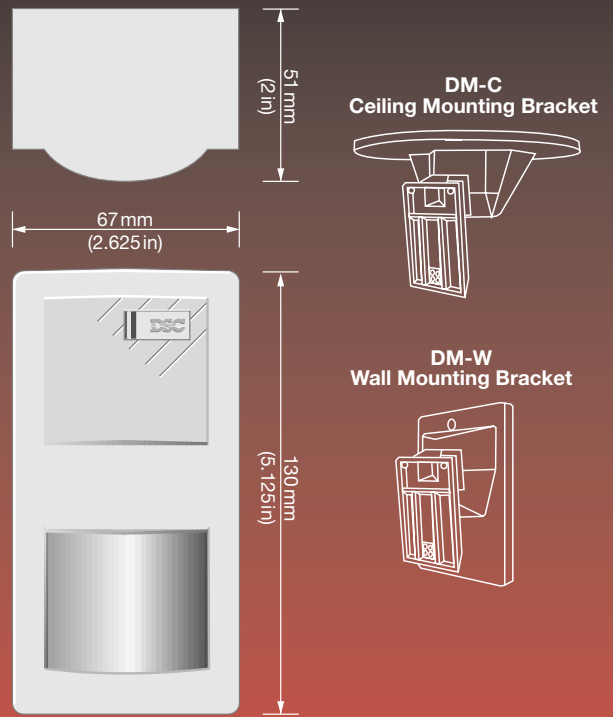
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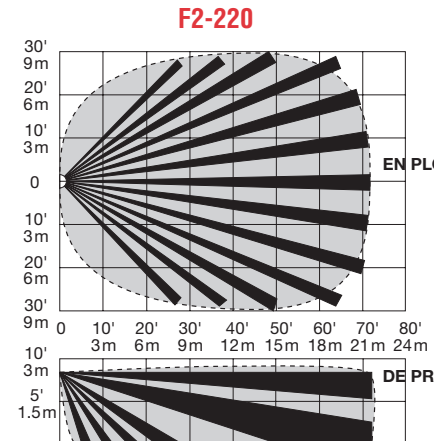
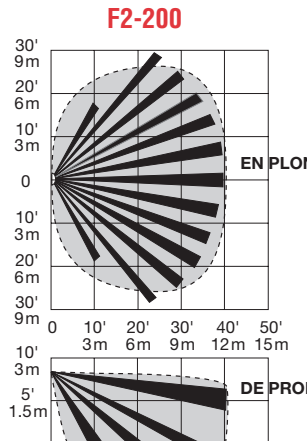
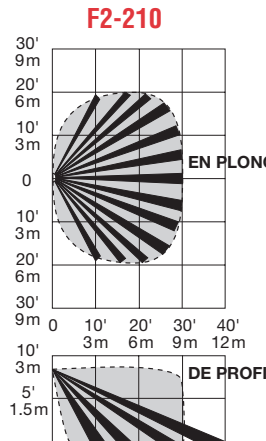
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