

DDI602-F2

Outdoor, Dual Technology detector, 10.587 GHz, selectable 10/20/30 m (33/66/98 ft)

Dual Technology motion sensor

DDI602 Outdoor Dual PIR Detector is an outdoor motion detector and alarm trigger that uses two independent passive infrared detectors plus a microwave sensor module. All three sensors must trigger to cause the detector to signal an alarm.

Easy and quick to install

Programmable options include a variable pulse count and a choice of three detection ranges: 10 m / 33 ft., 20 m / 66 ft., and 30 m / 98 ft. DDI602 includes jumpers that let you configure internal end-of-line (EOL) resistor values, when EOL resistors are required. Moreover, the integral dual-axis tilt sensor allows 180° of pan and 90° of tilt, which increases the speed of the outdoor installation and provides incredibly accurate aiming of the detection pattern.

Aesthetics and hidden sensor module

DDI602 design has a neat and professional appearance that gives no visible indication of the orientation of the detector head and totally hides the wiring.



Details

- Electronic range setting: 10/20/30m
- Attractive aesthetics
- 10 to 70° detection angle
- 180° pan & 90° tilt for flexible install
- Sensor module is hidden
- Built in EOL resistors
- High dust & humidity resistance (IP55)
- 5 years warranty

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Technical specifications

General

Technology	Dual
Application type	Wall mount
Anti masking	No
Pet immune	No
Camera	No

Detection

Max. detection range	30 m
Detection range selection	Programmable: 10 m / 30 ft., 20 m / 66 ft., or 30 m / 98 ft.
Coverage (field of view)	70°, 10 to 70° detection angle, 30 x 24 m / 98 x 79 ft. coverage max.
Vertical optical axis adjustment	90° tilt
Horizontal optical axis adjustment	180° pan
Microwave frequency (nom.)	10.587 GHz
Undercrawl protection	No
Alarm time	5 s

Wired / wireless

Wired-wireless	Wired
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Inputs / outputs

Alarm relay characteristic	NC / NO, Volt free relay, signal contact 24 VAC/DC @ 50 mA with an integral 25 Ohm series resistor
Anti mask relay characteristic	Volt free relay, signal contact 24 VAC/DC @ 50 mA with an integral 25 Ohm series resistor
Relay configuration	Multiple EOL values
Outputs	Silent, solid state, magnetically immune. Microwave AND PIR.

Electrical

Power supply value	9 to 15 VDC
Current consumption	11 mA (12 V nominal)

Physical

Physical dimensions	125 x 175 x 130 mm
Net weight	323 g 11.39 oz net
Shipping weight	549 g 19.37 oz
Colour	Silver
Material	High impact ABS plastic with HDPE cover, UV stabilized
Mounting height	3 to 6 m
Mounting height	Variable up to 6 m/20 ft - Optimum height 3 m / 10 ft for full range

Environmental

Operating temperature	-30 to +65°C -22 to 149°F
Environment	Outdoor
IP rating	IP55

Regulatory

Certification	INCERT
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Fresnel lens

	28 zones for each detection element, which can be masked with the curtain sliders
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Customized optics

	Double silicon shielded quad element eliminates 50,000 lux of white light
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Pulse count

	1 or 2
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Temperature compensation

	Analogue (thermistor) and digital sensitivity adjustment
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Control

	Digital microprocessor with nonvolatile memory
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LEDs

Top red	Programming LED
Red	PIR active
Green	Microwave active
Blue	Detector alarm
Infrared	Walk tester communication

Microwave module

	10.587 GHz (France, Greece, Italy, Thailand, Qatar, UAE, UK)
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Built in EOL resistors' values

	1, 2.2, 3.3, 4.7, 5.6, and 6.8 k ohm
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EN approved

	EN50130-5, Grade 2, Class IV
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