

DDI602-F1

Outdoor Dual Technology detector 10.525 GHZ 10/20/30m - 33/66/98ft selectable

Outdoor 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
Anti masking	No
Pet immune	No
Camera	No

Detection

Max. detection range	30 m
Detection range selection	10, 20, or 30 m
Coverage (field of view)	70°
Undercrawl protection	No
Microwave frequency (nom.)	10.525 GHz
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. Alarm time 5 seconds.
Relay configuration	Multiple EOL values

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
Shipping weight	549 g
Colour	Silver
Material	High impact ABS plastic with HDPE cover, UV stabilized
Mounting height	3 to 6 m

Environmental

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

Standards & regulation

EN50131 grade	Grade 2
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Coverage

	10 to 70° detection angle, 30 x 24 m / 98 x 79 ft. coverage max.
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Adjustment

	180° pan, 90° tilt
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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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Outputs

	Silent, solid state, magnetically immune. Microwave AND PIR.
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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

	10.525 GHz (Albania, Argentina, Australia, Belgium, Brazil, Denmark, Holland, Hungary, Iceland, Indonesia, Latvia, Lithuania, Malta, Norway, Portugal, Russia, South Africa, Spain, Taiwan, Ukraine, USA)
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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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Mounting height

	Variable up to 6m/20ft - Optimum height 3m / 10ft for full range
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EN approved

	EN50130-5, Grade 2, Class IV
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Incert

	Approved
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