DDI602-F1

Outdoor, Dual Technology detector, 10.525 GHz, selectable 10/20/30 m (33/66/98 ft)

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 180º of pan and 90º 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 70º detection angle
- 180º pan & 90º 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	10, 20, or 30 m
Coverage (field of view)	70°
Vertical optical axis adjustment	90° tilt
Horizontal optical axis adjustment	180° pan
Microwave frequency (nom.)	10.525 GHz
Undercrawl protection	No
Alarm time	5 s

Wired/wireless

Wired-wireless	Wired

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

Regulatory

EN50131 grade	Grade 2
Certification	INCERT

Coverage

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

Fresnel lens

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

Customized optics

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

Outputs

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

Pulse count

1 or 2

Temperature compensation

Analogue (thermistor) and digital sensitivity adjustment

Control

Digital microprocessor with nonvolatile memory

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, Finland, Netherlands, Hungary, Iceland, Indonesia, Ireland, Latvia, Lithuania, Luxembourg, Malta, Morocco, Norway, Portugal, Romania, Russia, South-Africa, Spain, Sweden, Taiwan, Ukraine, USA)

Built in EOL resistors' values

1, 2.2, 3.3, 4.7, 5.6, and 6.8 k ohm.

Mounting height

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

EN approved

EN50130-5, Class IV

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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