



# DDI602-F1

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

## **Outdoor Dual Technology motion sensor**

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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**

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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**

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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.



## **Einzelheiten**

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- 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

Technologie	Dual
Anwendungsart	Wandmontage
Anti-Masking	Nein
Haustiertolerant	Nein
Kamera	Nein

#### Detection

Max. Erfassungsbereich	30 m
Erkennungsbereich Auswahl	10, 20, or 30 m
Abdeckung (Sichtfeld)	70°
Mikrowellenfrequenz (nom.)	10.525 GHz
Unterkriechschutz	Nein
Alarmzeit	5 sek

#### Wired / wireless

Kabelgebunden / drahtlos	Verdrahtet
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#### Inputs / outputs

Alarmrelais-Charakteristik	NC / NO, Volt free relay, signal contact 24 VAC/DC @ 50 mA with an integral 25 Ohm series resistor
Anti-Masking Relais-Charakteristik	Volt free relay, signal contact 24 VAC/DC @ 50 mA with an integral 25 Ohm series resistor. Alarm time 5 seconds.
Relaiskonfiguration	Mehrere EOL-Werte

#### Electrical

Netzteilwert	9 to 15 VDC
Aktueller Verbrauch	11 mA (12 V nominal)

#### Physical

Abmessungen	125 x 175 x 130 mm
Nettogewicht	323 g
Liefergewicht	549 g
Farbe	Silber
Material	Schlagfester ABS-Kunststoff mit HDPE-Abdeckung, UV-stabilisiert
Montagehöhe	3 bis 6 m

#### Environmental

Betriebstemperatur	-30 to +65°C
Umgebung	Outdoor
IP Klassifizierung	IP55

#### Regulatory

EN50131 Klasse	Klasse 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, Lativa, 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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