

# Microwave RTE Sensor

### **SD-R400-BQ**

The ENFORCER Microwave RTE Sensor is a compact motion sensor with an adjustable output timer that can be connected to an access control keypad, gate opener, and can be used to trigger any device with an egress input.

#### Features:

- 12~24 VDC Operating voltage
- 24.150GHz Microwave Doppler technology
- 10ft (3m) Sensing range, adjustable
- Adjustable relay output time, 1~33 s
- Small size allows for a wide range of applications
- Universally compatible, install the sensor above automatic doors for no-touch ingress/egress
- More consistent detection in large areas and over a wide range of temperatures
- Indoor use only







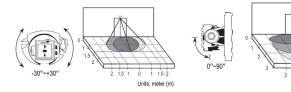




### **Specifications:**

Operating voltage		12~24 VDC
Current	Standby	23mA@12VDC / 14mA@24VDC
draw	Active	39mA@12VDC / 21mA@24VDC
Sensor frequency		24.150GHz
Sensor range		3'~10' (0.9~3m), adjustable
Sensor angle	Vertical	0°~90°
	Horizontal	±30°
Detection angle	Front/back	20°~30°
	Left/right	60°~70°
Min. detection speed		5cm/s
Output relay		2A@30VDC (0.5A@125VAC) Dry relay, NO/NC/COM
Relay output time		1~33 s
Mounting height		6'~10' (1.8~3 m)
Cable length		8' (2.5m)
LED Indicator		Red on relay activation
Case material		Black ABS and polycarbonate
Operating temperature		-4°~131° F (-20°~55° C)
Dimensions		3 <sup>1</sup> / <sub>8</sub> "x2 <sup>3</sup> / <sub>8</sub> "x2 <sup>1</sup> / <sub>8</sub> " (80x60x54 mm)
Weight		2.5-oz (70g)

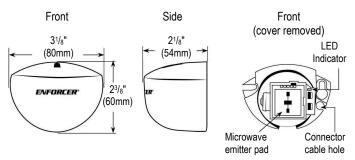
### **Detection Area:**



Horizontal Area of Detection

Vertical Area of Detection

#### **Overview:**



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