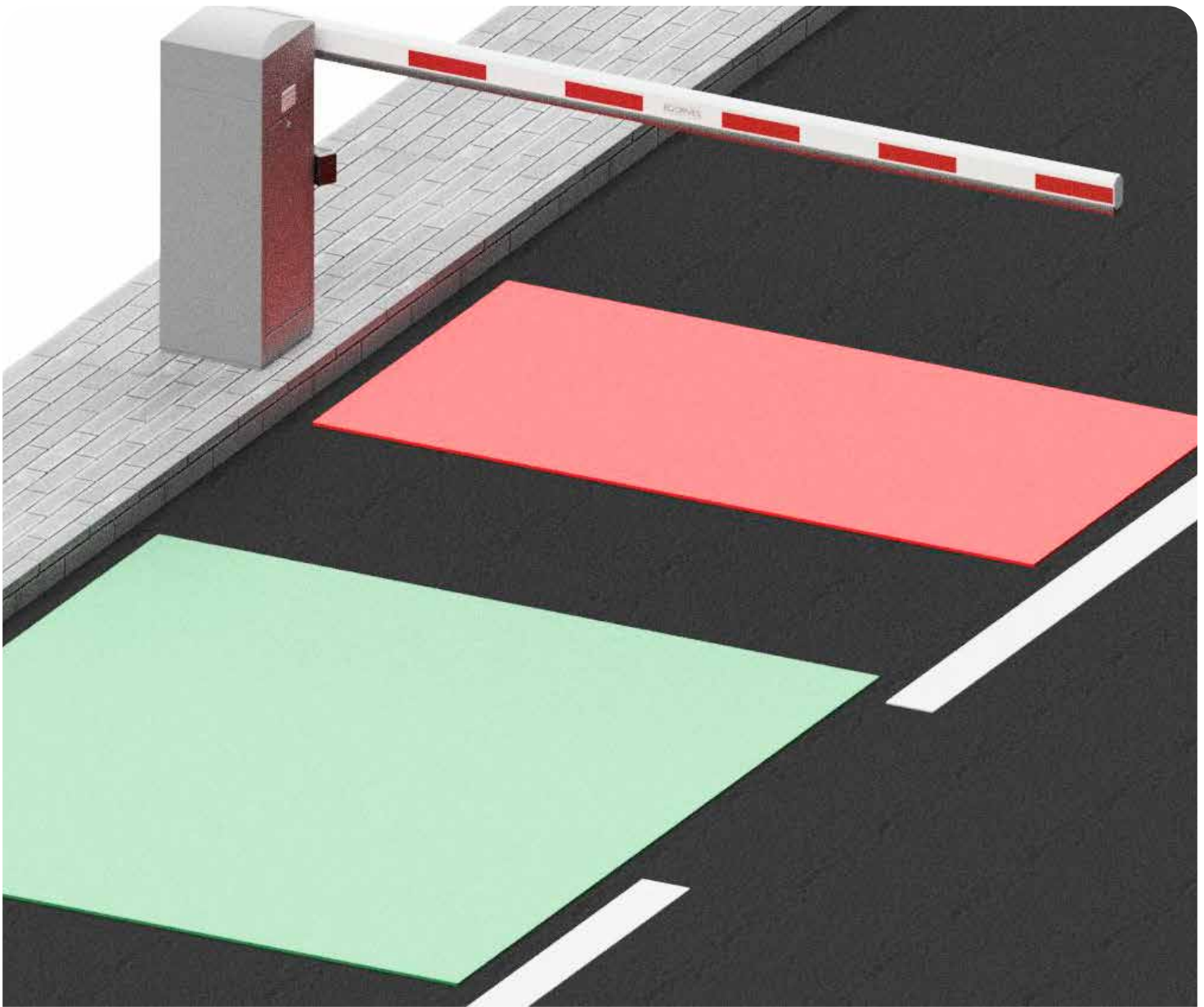




RSF Radar Sensor

/US

bg-drives.com

BG DRIVES

SMART RADAR SCANNER FOR BARRIER SYSTEMS

Technical Data

Housing	Polycarbonate, aluminum diecast
Dimensions	2.5 in x 3.69 in x 0.85 in
Weight	0.66 lbs
Connection	8-pin cable, 0.25 mm² (approx. 24 AWG), 6.23 ft
Protection class	IP65
Power supply	9 - 30 V DC
Power consumption	max. 1.8 W
Temperature range	-22°F to +131°F
Frequency range	60 - 64 GHz
Technology	Millimeter-wave radar, FMCW
Mounting	4 x M5 screws
Mounting height	0.98 ft - 2.95 ft (max. 2.3 ft EN12453)
Signal outputs	3 solid-state relays, common ground
Signal inputs	1 digital input testing
Switching voltage	max. 30 V AC/DC
Switching current	max. 100 mA
Operational status display	5 LEDs: yellow / red / yellow / blue / green
Communication interface	Bluetooth BLE 5.0
Detection range	max. 26.25 ft x 26.25 ft max 19.69 ft at EN 12453 protection level D
Reaction speed	200 ms
Vehicle speed	max. 18.6 mph

In short

- Simple and convenient installation without modifying the roadway surface
- Reliable object detection, whether moving or stationary, within the detection and hazard zones of barriers
- Secure differentiation between vehicles and pedestrians for barrier control
- Easy setup and adjustment of barrier access points and detection areas via mobile app
- Reliable operation even under adverse environmental conditions

