

ECHONSENSE20

PS-PD20 - Radar Presence Detector

THE ENGINEERING IS DONE Loop-Free Radar Presence Detection

Details

Part Number	PS-PD20
Part Name	EchoSense20 Radar Presence Detector
Type	Radar Presence Sensor
Dimensions	4.6 x 4 x 1 in
Material	Weatherproof housing
Finish	Black
Rating	Outdoor / weatherproof
Power Input	12 VDC

- 3-20 ft adjustable detection range
- Vehicle, pedestrian, or combined modes
- Low, medium, or high sensitivity
- Presence or 1-6 second relay output
- Barrier, sliding-gate, or pulse modes
- Wall, post, gate, or barrier mounting

Solution

Loop-free radar presence detection for gate safety, vehicle activation, pedestrian protection, warning signs, doors, kiosks, and access control.

Description

EchoSense20 is a compact radar-based presence detector that can identify vehicles, pedestrians, or both. Adjustable range, sensitivity, device mode, and relay timing let it operate as a safety sensor or activation device without an in-ground loop. Weatherproof housing supports wall, post, gate, or barrier mounting.

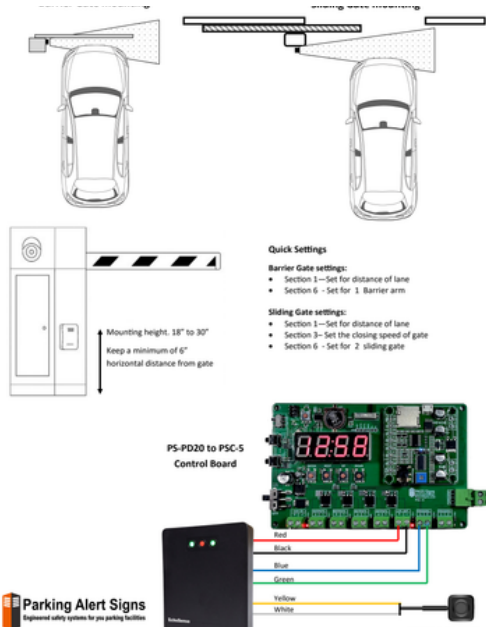
Operations

Mount the detector 18-30 in above the ground (or higher for trucks), set the lane distance from 3-20 ft, choose low, medium, or high sensitivity, then select barrier-gate, sliding-gate, or pulse operation. Relay output can remain active while presence is detected or provide a timed 1-6 second pulse.

Includes

(1) PS-PD20 EchoSense20 sensor
Prewired color-coded leads
Programming button input
Wall or post mounting
Quick setup guide

Mounting & Wiring



Product & Installation



Application

Automatic gate safety
Vehicle-present activation
Parking entry / exit control
Loading dock monitoring
Warehouse door activation
Pedestrian safety zones

Performance Specs

Detection Range	3-20 ft
Detection Area	20 x 6 ft
Sensitivity	3 levels
Relay Output	Presence / pulse
Power Input	12 VDC

