

DECIDER2

PS-VMD-DL - Intelligent Motion Detector

THE ENGINEERING IS DONE Intelligent Vehicle & Pedestrian Detection

Details

Part Number	PS-VMD-DL
Part Name	Decider2 Intelligent Motion Detector
Type	Directional Doppler Radar
Dimensions	6.46 x 4.37 x 3.72 in
Material	Weatherproof plastic housing
Finish	Black
Rating	IP65 weatherproof
Power Input	12-36VDC, <100mA

Decider2 Intelligent Motion Detector

P/N: PS-VMD-DL

Modes types:

Vehicle only detection
Pedestrian only detection
All detection

Direction:

Detect approaching
Detect leaving
Both directions

Includes mounting bracket



- Separate vehicle and pedestrian relay outputs
- Approaching, leaving, or bidirectional logic
- Vehicle-only, pedestrian-only, or all-motion modes
- 10 x 10 ft to 21 x 28 ft detection area
- Wall or ceiling mount from 6 ft to 28 ft
- IP65 housing; 12-36VDC power

Solution

Directional vehicle and pedestrian detection for safer entrances, ramps, doors, gates, warning signs, and traffic-control systems.

Description

Decider2 is an intelligent 24.125GHz Doppler radar motion detector that distinguishes vehicles from pedestrians and provides separate relay outputs. Directional logic can trigger for approaching objects, departing objects, or motion in both directions. Its IP65 housing and adjustable mounting support reliable indoor or outdoor detection for access control, warning, and automation applications.

Operations

Mounted on a wall or ceiling, Decider2 monitors a configurable detection zone. Select vehicle-only, pedestrian-only, or all-object detection, then choose approaching, leaving, or bidirectional triggering. Vehicle detection uses Relay 1 and pedestrian detection uses Relay 2. Relay hold time is adjustable from 0.2 to 5 seconds, and startup takes approximately 30 seconds.

Includes

- (1) PS-VMD-DL Decider2 motion detector
- (1) Adjustable wall/ceiling mounting bracket
- (1) 23 ft connection cable

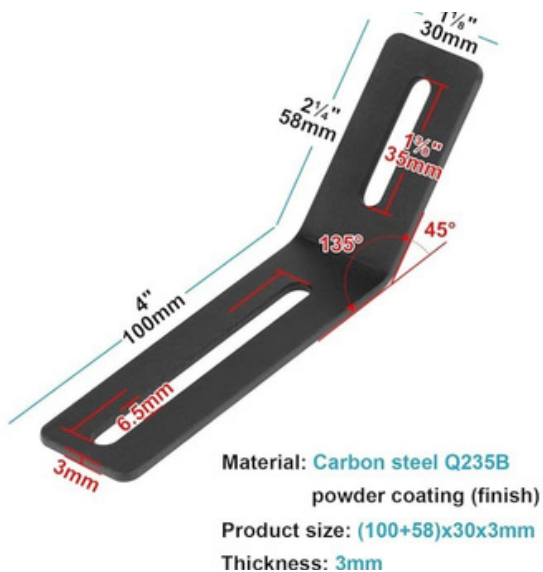
Programming remote sold separately

Wiring Connections

Wiring & Connections to PASS Signs Controller
(see page 3 for terminations)

	Sensor Wire	Function	Pass Signs Control Board Connection
Vehicle Detection	Red	V+ (12-36V)	12V+ Out
	Black	V- (12-36V)	12V- Out
	White	Relay 1 NO	Trigger1
	Yellow	Relay 1 COM	Trigger1
	Brown	Relay 1 NC	
Pedestrian Detection	Blue	Relay 2 NO	Trigger1
	Green	Relay 2 COM	Trigger1
	Grey	Relay 2 NC	

Product Views



Application

Vehicle exit warning systems
Garage and roll-up doors
Parking and ramp alerts
Pedestrian detection systems
Wrong-way traffic monitoring
Lighting and alarm controls

Performance Specs

Technology	Doppler radar
Frequency	24.125GHz
Detection Speed	2 in/s - 15.5 mph
Mounting Height	6 - 28 ft
Detection Area	10 x 10 - 21 x 28 ft

Programmer sold separately. Speeds up programming and can be use with all Decider2 units.

Decider2-REM Remote

Programming remote for the Decider2 Intelligent Motion Detector

P/N: Decider2-Remote

DECIDER2-REM REMOTE

- Programs Decider2 motion detector
- Compact handheld remote
- LED status feedback
- On / off power switch

PROGRAMMING REMOTE
Used for Decider2 setup and field adjustments

LED STATUS INDICATORS
LED, START, and IR lights provide visual feedback

BUTTON INTERFACE
Simple keypad for quick setup functions and programming

Quick field setup

Status LED feedback

Portable handheld design