



(CW-SYS) Wireless Free-Exit

WIRELESS DRIVEWAY SYSTEM

Driveway detection installers can trust.

Built for dependable performance, **CW-SYS** delivers consistent vehicle detection with adjustable sensitivity and simple wireless installation, making it ideal for both new installations and upgrades to existing gate systems. Engineered for performance and designed for installers.



Superior Sensing

Magnetometer vehicle detection that triggers only on moving steel. Not motion, heat, or pressure.

- ✓ No False Alarms
- ✓ Adjustable Sensitivity
- ✓ Magnetometer Technology



Wireless Free Exit

Eliminates trenching with the same reliable performance - backed by strong warranty and technical support.

- ✓ No Trenching
- ✓ Installs in under 1 hour
- ✓ Compatible with all major gate operators.



Upgrade Easily

To create a full package solution for your home, additional accessories are available for purchase.

- ✓ Add Sounder (25+ Sounds)
- ✓ Add Hub (Phone Notifications)
- ✓ Control Gate Remotely*
*with purchase of the CW-HUB

CW-SYS provides reliable wireless vehicle detection with seamless integration into all major gate operators, eliminating the need for trenching.



1 Sensor "Puck"

Self-contained unit with a sensor, transmitter, and antenna



2 Integrator

Relay contact connects to any security/home automation system or gate operator



3 Auger Screws (2)

Holds sensor puck in ground.



4 Batteries (2 - CR123A)

Batteries to power the system.



5 Sensor Screw Driver

Screw driver provided to help with Installation.

FEATURES & BENEFITS

Versatile

- Seamlessly integrates with other Cartell products to create a unified home system.
- Universal voltage AC and DC

Easy To Install

- Installs in under 1 hour (on average) without the need for trenching.
- No external transmitter / antenna.
- Install the sensor above ground on immovable object; or in driveway

Durable Design

- Reliable circuitry guarantees fewer false detections.
- Sensor Enclosure rated for up to 9.39 ton force (8513 kgf)

Driveway Specifics

- For shorter driveways: install in middle of the driveway and turn down sensor sensitivity
- For driveways wider than 12 ft, we recommend installing a sensor in the center, or using two sensors—one on each side—for optimal coverage.

Dependable Battery Life

- 1-3 year battery life: CR123A (2)
- Sensor standby: 22 microamps (µA)
- Extra relay for low battery signal

Upgraded Accessories

- Add Sounder (25+ Sounds)
- Add Hub (Phone Notifications)
- Control Gate Remotely* with purchase of CW-HUB.



TECH SPECS	Sensor "Puck"	Integrator
Power Required:	2x CR123A (3V Batteries)	8-24 VAC; 8-30 VDC
Stand-By Current:	22 Microamps (µA)	25 Milliamps (mA)
Alarm Current:	130 Milliamps (mA)	40-80 Milliamps (mA)
Relay Time:	-	2 seconds
Relay Contacts	-	SPDT, N.O. or N.C. (Form C)
Relay Contact Rating:	-	2 amp/24 VDC (1mA at 5 VDC min. load)
Est. Radio Range:	In ground, line-of-sight, no obstructions: up to 1,000 ft. (305 meters)*	
Battery Life	1-3 years*	-
Enclosure Rating:	IP68	-
Strength Rating:	9.39 ton-force (8513 kgf)	-
Temperature Range:	-25°F - 140°F (-32°C - 60°C)	-
Dimensions	4.5" Diameter x 2.5" Height (11.43 cm x 6.35 cm)	3.25" L x 2" H x 0.875" D (2.857 cm x 10.857 cm x 8.255 cm)
Weight:	2 lbs (0.90 kg)	1 lb (0.45 kg)

*Estimate only. Radio range & battery life depend on many variables. No guarantees.



WARNING: This product can expose you to chemicals including Acrylonitrile, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.



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