



Winner SIA New Product Award



WIRELESS



DUAL-PURPOSE ALARM & FREE EXIT SYSTEM

CW-SYS WIRELESS DRIVEWAY SYSTEM

FLEXIBLE, FAILSAFE VEHICLE DETECTION



DUAL PURPOSE ► DRIVEWAY ALARM + AUTOMATIC GATE OPENER

PROACTIVE SECURITY

Our system integrates with any security/home automation system, creating a safety zone in the driveway. Never be surprised by drive-up visitors or drive up to a dark driveway and house.

AUTOMATIC GATE OPENER

Our dual-purpose system opens any powered gate operator for a hands-free exit.

SUPERIOR SENSING

Our system is powered by magnetometer technology with a sensitivity adjustment. It is only tripped by moving steel—not motion, heat, or pressure. No false alarms!

FAIL-SAFE RADIO

Redundant two-way radio at 915MHz guarantees signal reaches the receiver.



CW-SYS WIRELESS DRIVEWAY SYSTEM

CONTAINS (INCLUDED WITH SYSTEM)

- 1 Sensor "Puck"**
Self-contained unit with 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)**
With battery terminal clips
- 5 Coaxial Cable**
Use this when connecting to external antenna (included) in sealed metal gate operator.
- 6 Terminal Block Screwdriver**



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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CW-REP REPEATER

Turn any additional Integrator into a repeater. Install in window closest to sensor, extending radio range. Now detect a car farther away from house and give home occupants more time to prepare for drive-up visitors.



CONTAINS

- Integrator
- Power Supply

FEATURES & BENEFITS

VERSATILE

- Activates security/home automation systems and electric gate operators
- 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 sensor above ground on immovable object; in the ground; or in driveway
- Easily pair multiple sensors with multiple Integrators

FOR ALL DRIVEWAYS

- Short driveways: install in middle of the driveway and turn down sensor sensitivity
- Wide driveways: install multiple units in driveway (12 ft. apart) or on both sides

DURABLE DESIGN

- Reliable circuitry and filtering
- IP Rating: 68
- Strength rating: 9-ton force rate (8514 kgf)

RADIO RANGE

- LoRA radio protocol at 915MHz
- Range determined by installation and obstructions to radio signal transmission
- Tested above ground: line of site, no obstructions, up to 2,500 feet (762 m)
- Tested flush with ground: line of site, no obstructions, up to 1,000 feet (305 m)

DEPENDABLE BATTERY LIFE

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

TECH SPECS

	Sensor "Puck"	Integrator
Power Required:	2 - CR123A batteries (6 V)	8-24 VAC; 8-30 VDC
Standby 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 (1 mA at 5 VDC min. load)
Estimated radio range:	In ground, line-of-sight, no obstructions: up to 1,000 ft. (305 meters)*	
Estimated Battery Life:	1-3 years*	-
Enclosure Rating:	IP68	-
Strength Rating:	9.39 ton-force (8514 kgf)	-
Temperature Range:	-25°F - 140°F (-32°C - 60°C)	-
Dimensions:	4.5 in diameter x 2.5 in H (11.43 cm x 6.35 cm)	3.25 in L x 2 in H x 0.875 in D (8.25 cm x 5.08 cm x 2.22 cm)
Weight	2 lbs (.90 kg)	1 lb (.45 kg)

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



All Cartell products are warranted against defects in material and workmanship for five years. This warranty does not cover defects caused by, but not limited to: acts of God, improper installation, abuse, fire damage, electrical surges, integrated system failures, improper lid/gasket/battery installation, overtightening screws, and stripping screw holes.



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