

(CW-HUB) Driveway Notification System

VEHICLE DETECTION + APP NOTIFICATIONS



Driveway detection installers can trust.

CW-HUB is Cartell's hybrid driveway system that combines wired and wireless vehicle detection with push notifications through the Cartell app. Easy to install, sensitivity adjustable, and built for peace of mind.



Superior Sensing

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

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



Smart Home Integration

With the terminal block and relay, integrate with other Cartell products and home automation systems.

- ✓ Scalable Protection
 - ✓ Smart Home Integration
 - ✓ Control Gate Remotely*
- *with purchase of an integrator



Push Notifications

Our state of the art App will notify you of vehicles in your driveway.

- ✓ Instant App Alerts
- ✓ Push & Email Notifications
- ✓ Works Anywhere You Go

CW-HUB combines wired and wireless detection into **one system**, delivering real-time notification through the Cartell app.



1 Sensor "Puck"

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



2 HUB

System gateway that gives push and email notifications. Also serves hard wired sensors & sounders.



3 Auger Screws (2)

Holds sensor puck in ground.



4 Batteries (2 - CR123A)

Batteries to power the system.



5 USB-C + Power Supply

USB-C Power Cable + A/C Adapter

FEATURES & BENEFITS

Be Safe

- Always know people have driven up even if you're away from home
- No more surprises at home or away!

Push Notifications

- Notifies via app or email when sensor(s) detect moving vehicles
- Cartell App available on the App Store and Google Play.

Dependable Battery Life

- 1-3 year battery life: CR123A (2)
- Sensor standby: 22 microamps (µA)
- App will notify when the battery is low

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

For All Driveways

- Short 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.

Hybrid Capability

- Accommodates our legacy (wired) sensors & sounders.
- Use terminal block to connect.
- Easily pair HUB with up to 30 sensors.



TECH SPECS	Sensor "Puck"	HUB
Power Required:	2x CR123A (3V Batteries)	USB-C Plug & Cable (5V 1A)
Stand-By Current:	22 Microamps (µA)	-
Alarm Current:	130 Milliamps (mA)	40-80 Milliamps (mA)
Relay Time:	-	5 seconds
Relay Contacts	-	SPDT, N.O. or N.C. (Form C)
Relay Contact Rating:	-	2 amp/24 VDC (1mA at 5 VDC min. load)
12 VDC Output	-	100 mA MAX
Est. Radio Range:	Tested above ground, no obstructions, up to 2,500 ft.* Tested flush with ground, no obstructions, up to 1,000 ft.* Use optional Repeater (CW-REP) to increase radio range	
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)	Indoor Use Only
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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