

Features/Benefits

- Prevents damage to mobile carts
- Prevents damage to facility or people
- Directly coupled to motor controller
- Field retrofittable module
- Customizable housing and mounting



Available in
1-4 sensor models

Description

The Collision Avoidance System (CAS) is an add-on module for battery-operated motorized platforms such as industrial carts and mobility scooters.

The CAS provides added safety for both the platform and operator (or the scooter and driver) by automatically commanding the vehicle's motor controller to safely slow or come to a full stop before a collision.

The CAS provides that same level of safety to persons or walls/obstacles in a facility by detecting moving or still objects and automatically signaling the cart to slow or stop before hitting the obstacle.



CAS keeps your
expensive equipment
safe from damage.

About Us

We solve the world's toughest motion control challenges, providing custom solutions focusing on personal mobility and patient transportation products as well as many commercial applications. For over 20 years, Control Solutions LLC has developed a wide array of microprocessor-based control and battery charging solutions designed for flexible integration, feature-rich functionality, and robust performance.



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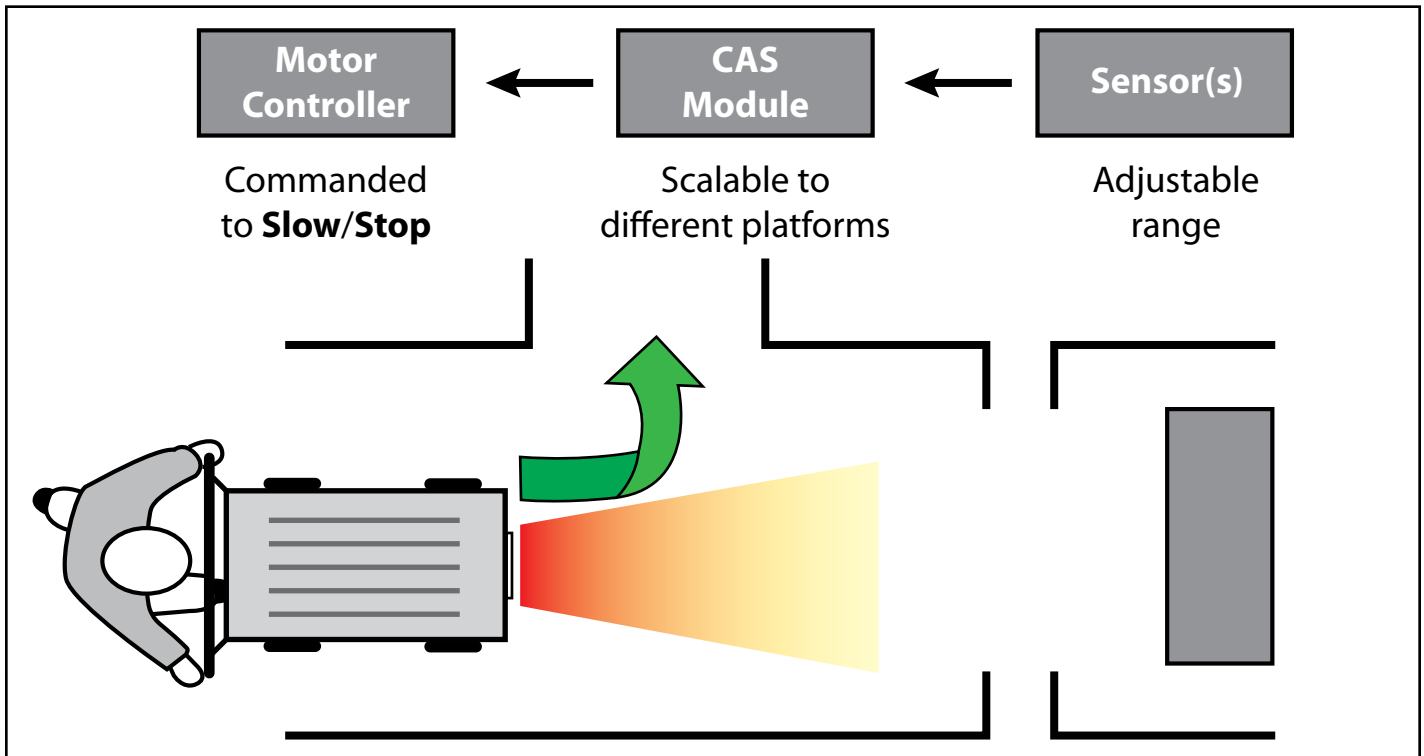


Specifications

CS1320 Specifications	Minimum	Typical	Maximum
CAS module power	12VDC	24 volts	24 VDC
Operating Temperature – °F (°C)	-40 (-40)	77 (25)	113 (45)
Number of Sensors		2	1-4
Sensor mounting		25mm hole	
Detection Range, feet (meter)		4 (1.22)	1-5 (.30- 1.52)
Physical Size – CAS module unspotted PC board, Inches (mm)		2.9 x 2.2 x .60 (73 x 55 x 15)	
PCB Weight, lbs (Kg)		.057 (.026)	

Note: The CAS module is custom-designed to fit within different platforms and can be mounted in a housing or directly into product.

CS1320 diagram



Specifications subject to change without notice.