

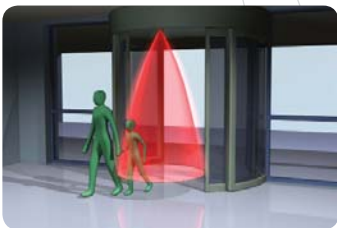
## HZC-CS

Safety



### Miniature Safety Sensor for Curved Sliding, Sliding & Telescopic Doors

Unique ability to “learn” door movement combined with a conical 3-D detection area optimizes pedestrian safety at mounting heights of up to 3m



- **Maximise Pedestrian Safety**  
Ability to differentiate between door leaf movement and a person in the door close area ensures unparalleled pedestrian safety
- **Safety for those Difficult Doors**  
The ultimate safety sensor for frameless, curved and telescopic sliding doors due to a conical 3-D safety zone which envelopes the door leaves
- **Improved Door Appearance**  
Flush mounted sensor head rendered almost invisible when installed
- **Safety for Wide or Narrow Doors**  
Perfect for installation on both wide and narrow doors due to the option of using two sensor heads per controller



# HZC-CS

Safety



## Technical Specification

### Accessories



HZ-1HS  
0.8m diameter detection zone sensor head



HZ-1US  
1.5m diameter detection zone sensor head

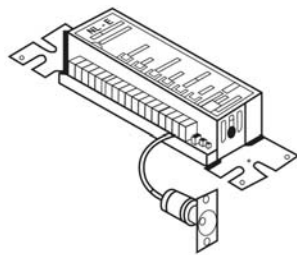


HZC-CS Controller

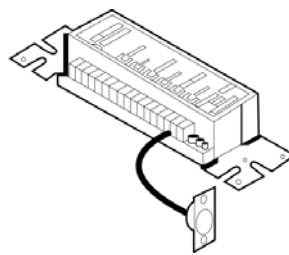
Model	HZC-CS-BC (Constant Sensing) Pedestrian Door Safety	
Detection Method	Ultrasonic Static Presence Detection	
Installation Height	2000mm to 3000mm (6.5ft to 10ft)	
Sensor Dimensions	HZC-CS Controller:	252mm (W), 37mm (H), 55mm (D)
	HZ-1US Sensor Head:	50mm (W), 20mm (H), 24mm (D)
	HZ-1HS Sensor Head:	50mm (W), 40mm (H), 24mm (D)
Presence Timer	Infinity	
Power Supply	24V AC or DC $\pm$ 10% 50/60Hz	
Power Consumption	AC24V-1.8 [VA] (Max), DC24V-70 [mA] (Max)	
Relay Output	Max Rating (Resistor) 1A - 24V DC/24W, 0.5A - 120V AC/60VA	
	Power ON & OFF = Closed, Detection = Open, Self Diagnostics = Open	
Response Time	0.15 sec. Max	
LED Indication	Power On	= Red LED On
	Detecting	= Red LED Off
Operating Temperature	-10°C to +40°C, (14°F to 104°F)	
Weight	460g (1 lbs)	
Accessories Provided	Pattern Cut Block, Synchronization cable, Initialization cable, Mounting Screws, Installation Instructions	
Available Products	HZC-CS-BC	= Controller
	HZ-1US	= 1.5m diameter detection zone sensor head for use with controller
	HZ-1HS	= 0.8m diameter detection zone sensor head for use with controller

## Recommended Sensor Head Configurations for Various Door Widths (inches/mm)

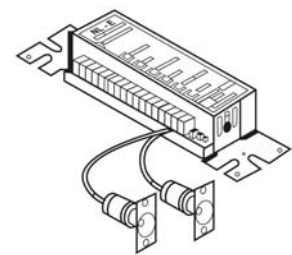
**Door Opening 35-47" (900-1200mm)**  
Sensor Head = HZ-1HS x 1 unit



**Door Opening 55-75" (1400-1900mm)**  
Sensor Head = HZ-1US x 1 unit



**Door Opening 55-83" (1400-2100mm)**  
Sensor Head = HZ-1HS x 2 units



## Detection Area (inches/mm)

