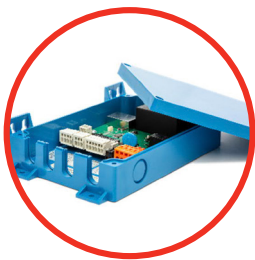# CABSAFE™

EASY-TO-MOUNT, RELIABLE DETECTION OF PEOPLE APPROACHING, OR BETWEEN ELEVATOR DOORS.

The Three-Part System

Controller

- Manages signals from sensors
- Performs logic for the system
- Responsible for rendering inoperative

2D Light Curtain

- Most-often mounted on the elevator cab doors
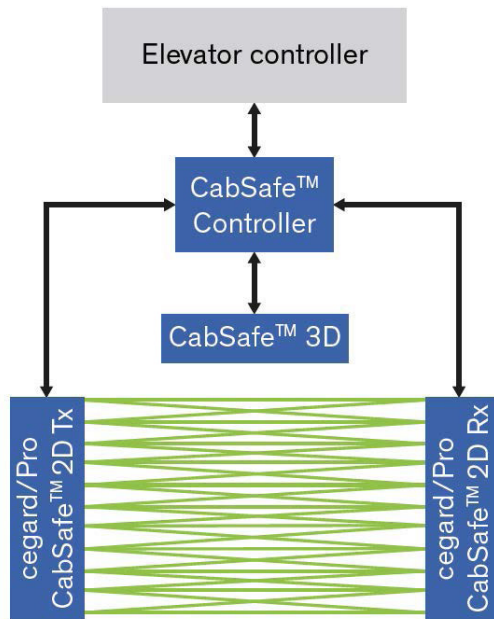- Monitors for persons or objects between doors
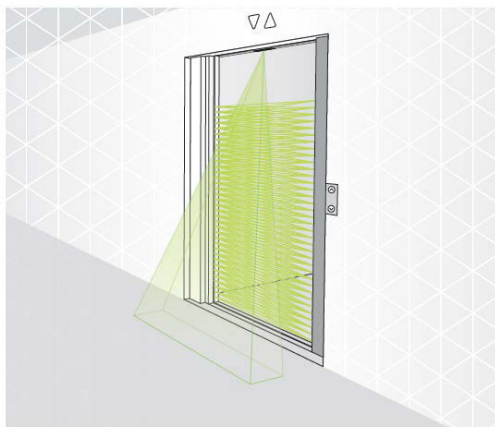
3D Time-of-Flight (TOF) Sensor

- Mounted in/on the elevator cab transom
- Monitors people or objects approaching doors
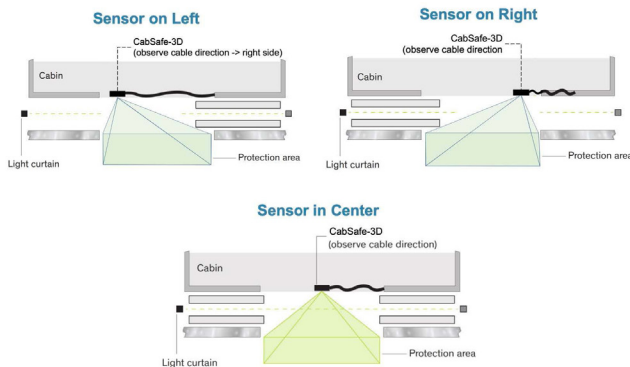
Learn more at ADAMSElevator.com/cabsafe

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CabSafe system overview

CabSafe detection fields

Install Data

- CabSafe 3D mounting location – left, right or center

- Door closing signal – CabSafe 2D or external signal

- Opening height – 7 to 10 ft

- Output logic polarity – standard and inverted

- CabSafe 3D operating frequency – Group A and Group B

- CabSafe 100 controllers use 24 VDC input power

- CabSafe 200 controllers feature a wide-ranging input power capability (85 ... 264 VAC / 19.2 … 37 VDC)

Features

- CabSafe 3D-sensor prevents accidents and damage to elevator doors

- Reliable detection of people and objects in front of the cab using TOF technology

- Increased safeguarding of elevator entrance area

- Ideal for both new facilities and modernization

Benefits

- State-of-the-art 3D infrared image sensor for true 3D protection

- Transom mounted – flush, semi flush and surface mounting available

- Fully compliant with all 2D and 3D detection requirements in A17.1-2019 / B44-19

Part Numbers

A850-471	CabSafe 2D & 3D black, flush mount system
A850-472	CabSafe 2D & 3D SS Transom mount system

The 2019 North American Elevator Safety Code (ANSI A17.1-2019 / CSA B44-19) defines new andclarifies existing requirements for the means of detecting persons or objects between the doors (2D) or approaching the elevator (3D). CabSafeTM system, consisting of a Controller, a 2D light curtain and a 3D TOF sensor, can fulfill all these code requirements and more.

Learn more at ADAMSElevator.com/cabsafe

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