

GateKeeper™ 3D

Infrared Door Protection Accessory

3D Made *EASY*



Advanced Infrared Protection

Fast, Simple Installation

The new GateKeeper™ 3D infrared door accessory offers advanced 3D protection. A separate sensor offers a constant activation zone in the landing area regardless of door position. The unit can easily identify static vs. moving objects, avoiding delays while keeping your passengers and equipment safe. The GateKeeper™ 3D easily retrofits to *ANY* existing 2D system (even mechanical door safety edges), offering all the added convenience and protection of 3D while keeping installation time and expense to a minimum.



More Parts Delivered Faster

GateKeeper™ 3D

Infrared Door Protection Accessory

Easy to Install

Retrofits to *ANY* and *ALL* door protection systems without removing the existing system – even electro-mechanical safety-edge applications. Other 3D products require removal of the existing door safety edge in order to obtain 3D functionality.

Intelligent Design

Distinguishes between static and moving objects in the 3D zone. This allows the system to override the static object's presence, enabling the door to close, thus avoiding delays.

Adjustable 3D Zone

Adjusts to aim in two dimensions. For center-opening applications, the ideal detection zone is directly in front of the door. However, for side-opening doors, the 3D sensor can also be adjusted left and right to aim the detection zone for the particular application.

GateKeeper™ 3D: Industry-Leading Technology and Design

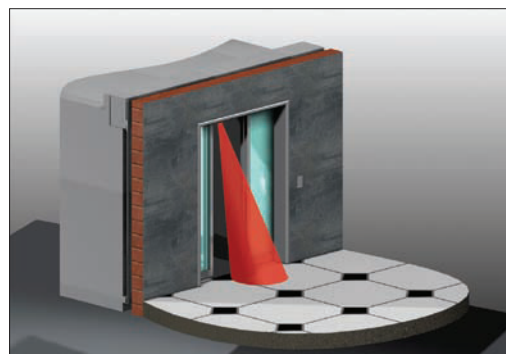
- Detection zone constant and active until 50mm before door closure
- Easy upgrade of existing installations
- For static or dynamic applications
- Defined and adjustable 3D protection area
- Automatically detects type of door protection controls it is connected to during 'power-up', and automatically generates compatible output signal (for relay or semiconductor interface)

GATEKEEPER™ 3D ORDERING INFORMATION

Adams part no.	Description
A8503D	GateKeeper™ 3D Sensor (includes mounting hardware)



Complete with all mounting hardware necessary for either surface-mount or flush-mount installation on cab transom



The 3D sensor projects the invisible 'cone' of infrared light out onto the landing to detect people and objects approaching the elevator.

Technical Data: GateKeeper™ 3D

Power Supply Voltage	20 ~ 265 VAC / DC use "Greenfield Fittings" with voltage above 42 volts
Current Consumption	250 mA @ 24 VDC, 60 mA @ 240 VAC
Output Relay*	NC and NO selectable <small>*If switching high voltage DC, use pilot relay (not included)</small>
Plug Type	Four WAGO for user interface
Enclosure Rating	IP54
3D Sensor	Diffuse reflective sensor with intelligent data processing
Operating Range	Approx. 2 ft. ~ 13 ft.
Active Area (adjustable)	Spot of approx. 12" dia. @ 7 ft.
Connection Cable	10 ft.
Bypass Switch	Bi-stable magnetic reed switch
Operating Range	0.04" ~ 1.15"
Connection Cable	10 ft.

GateKeeper™ 3D — Reg. TM Adams Elevator Equipment Company



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