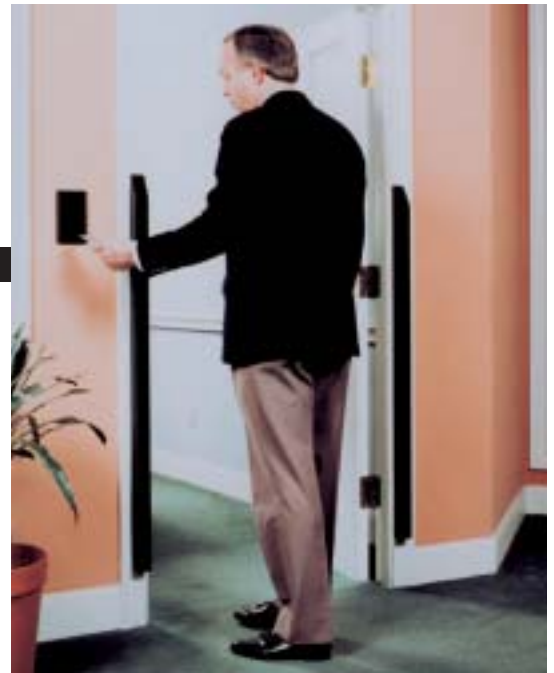


ES520

Tailgate Detection System

This unique and cost effective optical security system, which uses infrared sensor beams to detect tailgating, is perfectly suited for areas requiring tighter security. The potential applications for the ES520 are unlimited. Compatible with most card reader technologies and access control systems the ES520 ensures that only one individual enters through a secured doorway for each authorized card read. Its subtle design does not distract from interior aesthetics and it mounts easily on standard door frames. ES520 tailgate detection systems consist of two; self-contained, narrow door mounted units providing both local and remote alarm indications.



FEATURES & BENEFITS

- Detects Tailgating, ensures that only one person enters a secure area per valid authorization
- Compatible with most access control systems
- Blends in with architectural styling
- Mounts on standard width door frame
- Field configurable for card in/card out or card in/free exit operation
- High throughput easy entry or exit for authorized personnel
- Encourages employees to maintain access control procedures
- ADA compatible

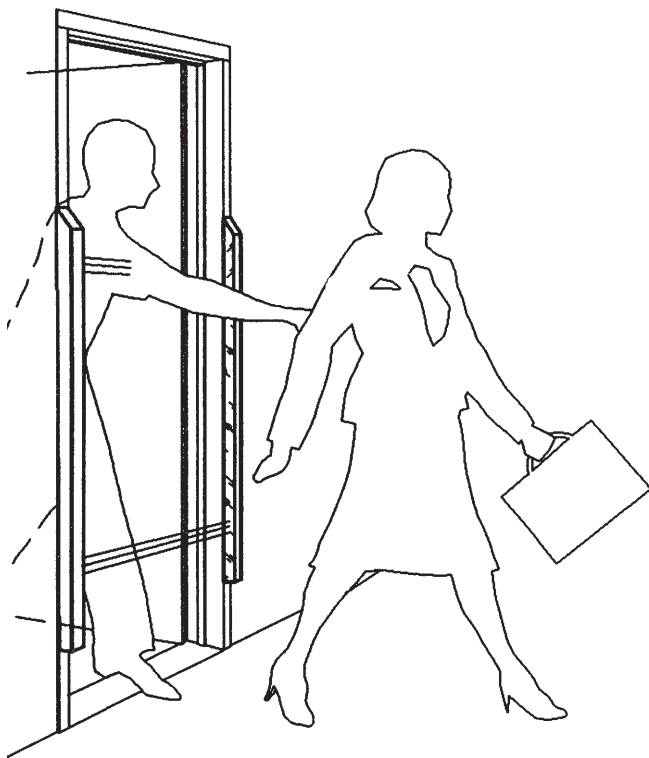


ES520 Series

DSI[™]
DESIGNED SECURITY, INC.
A Detex Company

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Bastrop, TX 78602
Voice: 1-800-272-3555
Fax: 512-321-9181
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ES520 Tailgate Detection System - Typical Applications



- Employee Entrances
- Computer Rooms
- Man Traps
- Restricted Access Areas

ELECTRICAL SPECIFICATIONS

Power: 12VDC @ 500mA
Control Inputs: N/C Door Position Switch
N/O Momentary (1 sec. max.) Access Granted
Signal from access control system
N/O Remote Bypass (momentary/maintained)

Control Outputs: N/C Alarm contact
N/C Tamper contact
N/C Door contact
N/C Bypass contact

Audible Alarm: 80db @ 3 ft.

MECHANICAL SPECIFICATIONS

Size: 1.830" W x 47.500" H x 1.875" D

Mounting: Direct mounting to doorframe or wall by using
optional spacer mounting kit

Finish: Dark Bronze with IR Plexiglas cover

CRITERIA FOR DESIGNING A WALKWAY

For access control and tailgate detection, unit should be mounted on opening no wider than 36" apart. Wider spacing can result in pedestrian attempting to pass through the opening two-abreast, resulting in a high incident of alarms.

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