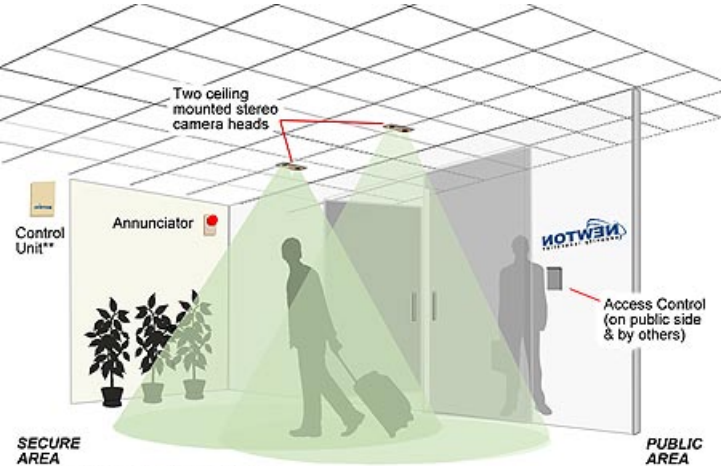
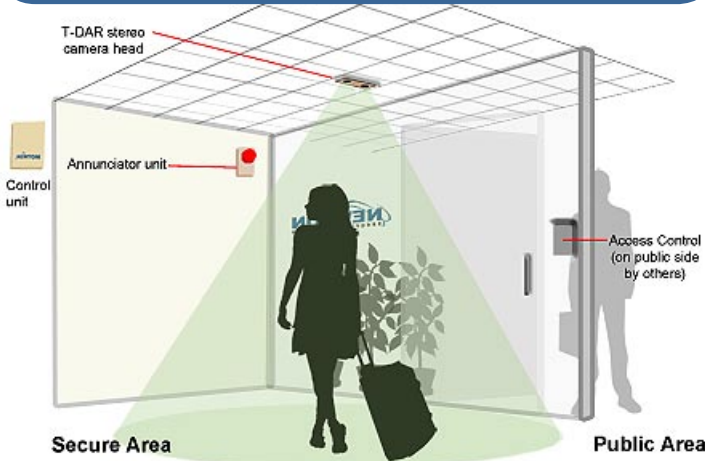


T-DAR Door Shield Series

Anti-Tailgating Detection for Single or Double Doors

Automated Detection, Alarming & Recording



T-DAR Door Shield Model DS100 Single Door Protection system features a single detection head and can be installed on single doors, as well as on swinging and sliding doors.

T-DAR Door Shield Model DS200 Double Door Protection system has two detection heads for double doors and does not require multiple sensors, pressure mats or infrared (IR) systems.

Door Shield Benefits:

- **Adapts to existing building** and can be integrated into an existing vestibule, small lobby or interior room.
- **Simple to install** - no civil works such as the digging up of expensive flooring.
- **Seamless incorporation** into existing building security systems.
- **Low or no maintenance** - The system has no motors, gearboxes or moving parts to wear out or break
- **No special lighting required**; overhead office-level of 300 lux is sufficient and the system is unaffected by full ambient light from the outside.
- **Allows mixed traffic** - can be used as an entry and egress point for both pedestrian and carts without the need of special staging areas on the floor.
- **Allows free egress** from the building by multiple persons at the same time.
- **It is a stand-alone system** requiring no central monitoring, control or management.

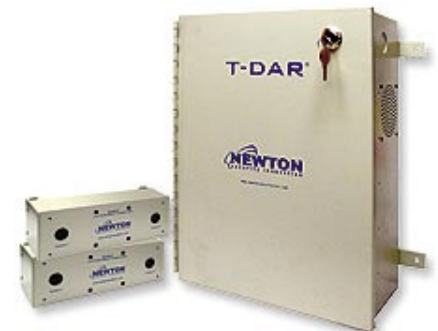
Transform Single or Double Doors into a Security Zone

The T-DAR Door Shield model line is a highly-adaptive technology delivering anti-tailgating detection and deterrence, alarming and recording for both single doors and double doors. Both systems are superior to any combination of card reader and magnetic lock alone.

The heart of the Door Shield systems is the unique, patented T-DAR technology that is built into all Newton Security Inc. products. Both systems combine ceiling-mounted stereo cameras, sophisticated software and a control system to detect the number of persons within the doorway scanning zone.

The Door Shield systems accepts data from virtually any badge or access system, including biometric I.D. systems, card readers, or PIN pads to control the electromechanical door lock between a public area and a secure area. Once the access system approves an entry, only one authorized person is allowed through at a time without an alarm, while any cart, luggage or parcel in their possession is ignored.

Dynamic scanning is the superior feature of T-DAR door systems: the rapid ability to identify and track human forms even when they are in motion going through the doorway. It is this sure identification that is the basis of the T-DAR ability to detect and alert to tailgating and piggy-backing, and its effectiveness over other technologies.



Basic Door Shield system elements:

- Control unit - wall mounted
- Stereo camera - 1 for a single door & 2 for double doors

Examples of T-DAR DS100 and DS200 Applications



T-DAR DS200 cameras above double doors on wall mounting brackets in a warehouse



Two T-DAR DS200 cameras mounted above a double door in a standard suspended ceiling.



T-DAR DS100 camera in the ceiling above a server cage in a data center.



T-DAR DS100 camera in the ceiling above a corridor with a single in-swinging door.

T-DAR Is Adaptable

- **Adapts to existing doorways** - T-DAR can be installed into an existing opening using existing doors and hinges. T-DAR adapts readily to most access systems and electro-mechanical locks and latch sets.
- **Thorough documentation** - Newton provides manuals, installation procedures and a checklist for your installer. Additionally, post-installation, on-site commissioning and training can be scheduled (for a fee).
- **User friendly** - Within two weeks all employees will be accustomed to the system.
- **Handicapped adapted** - T-DAR is ADA (U.S.) and DDA (Europe) certified.

T-DAR Is Globalized

- T-DAR systems are commonly shipped with English as the major language for both the user interface (UI) and documentation.
- The UI and manuals are also available in Japanese and may be ordered in other languages as well.
- The Annunciator, the visual and audio alarm device, is easily field-programmable in any desired language or enunciation and is often supplied with various voices for particular countries.

*See T-DAR in Action!
Visit our web site and watch the videos.
Then call us to learn how T-DAR can benefit your facility with outstanding savings and greater security for people and assets.*

T-DAR Door Shield System Optional Components:



Annunciator

Generally installed just inside the secure area, the Annunciator features a red strobe, a buzzer, and audible prerecorded instructions.



Door Position Encoder

The Encoder tracks the position of an in-swinging door under a camera so T-DAR ignores the door.



Cable Extender/Amplifier

This unit extends the distance that the T-DAR Control Unit can be placed from the protected doorway. A Cable Extender is required for distances greater than 200 ft. (61m).



Stereo Camera Mounting Kit

It provides support and positioning for a stereo camera head in a standard, drop-ceiling grid.



Wall Mounting Bracket

For mounting a camera head out from a flat wall and for locations where the ceiling height is in excess of 11 feet (3.35 m).



Ceiling Height Extender

This raises the mounting height of a camera head. Where ceilings are lower than 8.5 feet (2.6 m) a Ceiling Height Extender is required.



All Newton Security products are manufactured in the USA

Version 022415