

tailgate detector



TDSi's Tailgate Detector offers a solution by adding an additional security layer and provides:

- Enhanced security
- Security staff support and optimisation
- Configurable security alarm levels

Tailgate Detector

Today's access control systems are designed to help control and manage authorized access into secure areas. Ensuring that every individual has properly presented a valid ID or successfully cleared biometric identification is a major challenge that security professionals face. The prevention of tailgating and piggybacking (in other words, cheating or outsmarting the system) is a problem existing solutions do not sufficiently address. Designed to be installed to protect doors and turnstiles.

For airlock (mantrap) protection please see the TDSi Trap Detector.

tailgate detector

DS0073_Issue 1

SPECIFICATIONS

TDSi Part No.	5012-0043	5012-0044
Mounting Height	2.5 to 3m	3 to 5m
Detection Area	1.5 m x 0.9 m to 2.5 m x 1.5 m	1.5 m x 0.8 m to 3.2 m x 1.6 m
Field of view/illumination	90° x 60°	60° x 40°
Type of illumination	Modulated near infrared light (NIR)	
Dimensions	180 mm x 150 mm x 110 mm	
Weight	2.4 Kg (without cables)	
Operating Environment	-20 °C to +50 °C, 0 to 95 %RH (non-condensing)	
IP Rating	IP40	
Power supply	24 V DC @ 2.7A Max	
Housing material	Anodized aluminium	
Technology	3D MLI SensorTM	
Interface	TCP/IP (Fixed or DHCP), RS232	
Configuration	Web interface HTTP or XML-RPC (optional)	
Outputs	Alarm, Lock (inwards and outputs), Count (inward and outwards; allowed and denied), status indicators	

ORDERING INFORMATION

Part Number: 5012-0043

Description: Tailgate Detector (2.5m to 3m)

Part Number: 5012-0044

Description: Tailgate Detector (3m to 5m)

Part Number: 5012-0046

Description: XML-RPC Communication Protocol

Part Number: 5012-0047

Description: People Counting Functionality

Part Number: 5012-0049

Description: Input/Output Module

FEATURES & BENEFITS

Seamless integration

Tailgate detection provides additional an security layer to prevent tailgating.

High accuracy

Sophisticated algorithms ensure reliable detection of people and objects in the detection area.

Immune to changing light conditions

By utilising its own illumination the detection area can be lit normally or be pitch black.

Inbuilt Data logging

Provides access to current status and history, e.g. number of allowed and denied passages, alarms, etc..

Web based user interface

Provides simple method to configure system.

Digital Inputs and Outputs

Provides interface with Access Control System to control or alarm in case of tailgate attempt.

Configurable exit strategy

Allow free exit or controlled exit modes to suit your requirements.

Real-time interactive graph

Provides simple method of testing electrical installation.

Optional Occupancy monitoring

Provide additional monitoring of personnel for evacuation purposes or energy saving. Triggers can be configured on custom thresholds

SUITABLE APPLICATIONS

Airports, banks, entertainment venues, laboratories, military and police infrastructure, museums, night clubs, offices, public transportation facilities, retail environments and universities.



TDSi UK
Unit 10 Concept Park,
Innovation Close,
Poole,
Dorset BH12 4QT
United Kingdom
t: +44 (0)1202 723535
f: +44 (0)1202 724975
e: sales@tdsi.co.uk

TDSi France
Immeuble ATRIA,
2 rue du Centre,
93160 NOISY LE GRAND,
France
t: +33 (0)1 58 84 20 90
f: +33 (0)1 58 84 20 91
e: infos@tdsi-france.com

TDSi China
Rm 103, 1 Bld,
Shangsha Innovation Science
& Technology Park,
9283 Binhai Road,
Futian District,
Shenzhen 518048,
P.R.China
t: 86-755-82535725,
82535720
f: 86-755-82535770
e: tdsiinfo@microgarde.com.cn