

mantrap detector



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

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

Mantrap 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 mantraps, airlocks and transfer gates.

For door and turnstile protection please see the TDSi Tailgate Detector.

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SPECIFICATIONS

TDSi Part No.	5012-0045
Mounting Height	2.5 to 2.75 m
Detection Area	1.0 m x 0.6 m to 1.5 m x 0.9 m
Field of view/illumination	90° x 60°
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 Sensor™
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

FEATURES & BENEFITS

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.

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.

ORDERING INFORMATION

Part Number: 5012-0045

Description: Mantrap Detector (2.5m to 2.75m)



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