

T.Rex Request to Exit Detector



Features That Make a Difference:

- Accurate and adjustable detection zone
- Horizontal and vertical adjustment
- Unlocks or shunts door automatically
- Hands-free, no buttons to push

The Smart Exit Detector

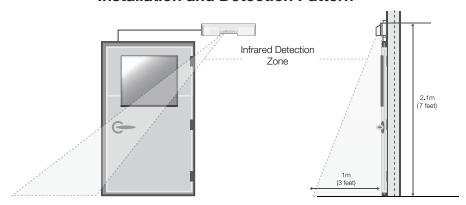
T.Rex provides a complete solution to exit detection and door surveillance for access control applications. Outstanding innovations such as horizontal and vertical Detection Zone Targeting and DSP (Digital Signal Processing) make T.Rex the fastest and most reliable exit detector on the market today.

Horizontal and vertical targeting adds an extra layer of security by adjusting the detection zone. The detection area of the

T.Rex can be adjusted so that it will not "hit" the floor along the doorjamb, defeating any attempt to circumvent door supervision by sliding objects under the door.

In addition, it uses infrared detection coupled with DSP sampling to allow the T.Rex to accurately detect exits and prevent false "Door Forced Open" alarms.

Installation and Detection Pattern



Simple Two-Step Installation:

- 1. Choose Location
 - Recommended locations include door header, wall or ceiling.
 - Ensure clear line of sight from detector to every part of detection area.
 - Detection zone pattern is down and away from door (to inhibit tampering).
 - Do not place detector directly across from a window

2. Adjust

- Can be adjusted to detect an individual either in front of door or several steps away from door.
- Detection zone span and target direction is set by turning louver direction screws.



General

Detector Type Passive infrared Filter Technology Digital Signal Processing (DSP) Detector Lens Curtain-type Fresnel lens

Detection Range

Whole Body 6 m (20 ft)

20 mA (XL & XL2 only)

Main Relay Contacts SPDT, 1A max @ 30 VDC max Main Relay Timer Adjustable, 0.5 to 60 seconds

Main Relay Recycle Timer Fixed, 0.75 seconds off

Lock Control Relay Available on LT2 and XL2 models only,

solid-state relay, N.C., 2A max @ 30 VDC, timed at

2 seconds fixed

Indicator Light Red/Green LED

Mounting......Optional backplate available for mounting the T.REX on a standard

single-gang electrical box

Physical

Dimensions (H x W x D). 4.5 x 19 x 4.75 cm

(1.75 x 7.125 x 1.875 in)

Electrical

Power Consumption 12-28 VDC, 50 mA

Regulatory

Model Numbers

T.REX-LT T.Rex request-to-exit detector with tamper and timer, white

T.REX-LT-NL T.Rex request-to-exit detector with

tamper and timer, white (unbranded) TRFX-LT2 .T.Rex request-to-exit detector with tamper, timer and 2 relays, white

.T.Rex request-to-exit detector with tamper, timer and 2 relays, white

(unbranded)

T.Rex request-to-exit detector with T.REX-XL....

tamper, piezoelectric buzzer and timer,

white

T.REX-XL-NL.... .T.Rex request-to-exit detector with

tamper, piezoelectric buzzer and timer, white (unbranded)

T.Rex request-to-exit detector with

tamper, piezoelectric buzzer and timer, black

.T.Rex request-to-exit detector with

tamper, piezoelectric buzzer, timer and 2

relays, white

T.REX-XL2-NL.... .T.Rex request-to-exit detector with tamper, piezoelectric buzzer, timer and 2

relays, white (unbranded)

T.Rex request-to-exit detector with

tamper, piezoelectric buzzer, timer and 2

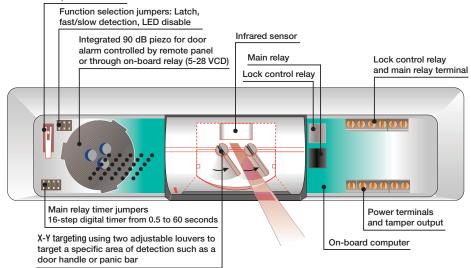
relays, black

T.REX-PLATE..... . Single-gang box mounting back plate,

white

Product Diagram





T.REX-XL2 model shown

Related Products



EntraPass Security Software



ioProx Readers



DK-1 Door Hardware Kit



Kantech Door Controller Family

Approvals







www.kantech.com