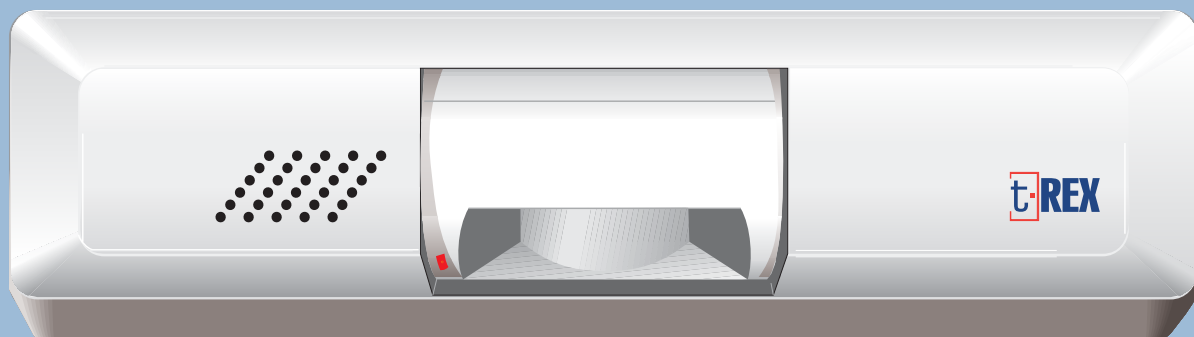


# t-REX Exit Detector

- Zone of detection easily adjustable with pinpoint accuracy
- Unlocks or shunts door automatically
- Hands free! No buttons to push!
- Integrated 90dB local door alarm sounder independently controlled by access panel
- 4 models available
- X-Y Targeting™ targets a specific area of detection
- Infrared detection coupled with DSP prevents false “door forced open” alarms



# T.REX Exit Detector

The T.Rex creates a new standard and provides a complete solution to exit detection and door surveillance for access control applications. Outstanding innovations such as X-Y Targeting™ and DSP implementation make the T.Rex the fastest and most reliable exit detector on the market.

## X-Y Targeting targets a specific area of detection for added security

T.Rex is the first detector on the market to offer vertical detection targeting using two adjustable louvers located in the detection chamber. The installer “trims” the detection area by adjusting these louvers from 90° down to a minute 5° and rotates the lens for horizontal adjustments. These two adjustments allow the installer to mount the detector so that the detection area will not “hit” the floor along the doorjamb, defeating any attempt to circumvent door supervision by sliding objects under the door.

## Infrared detection coupled with DSP prevents false “Door Forced Open” alarms

T.Rex utilizes infrared detection coupled with DSP (Digital Signal Processing) sampling specifically designed for access control applications. Since a truly effective exit detector must detect the extremely fast movement of a hand (the target) about to push the door or turn the door handle, the low sensitivity of intrusion detection alone is inadequate. Coupling the intrusion detection with DSP allows T.Rex to accurately detect exits and cause appropriate “Door Forced Open” alarms.

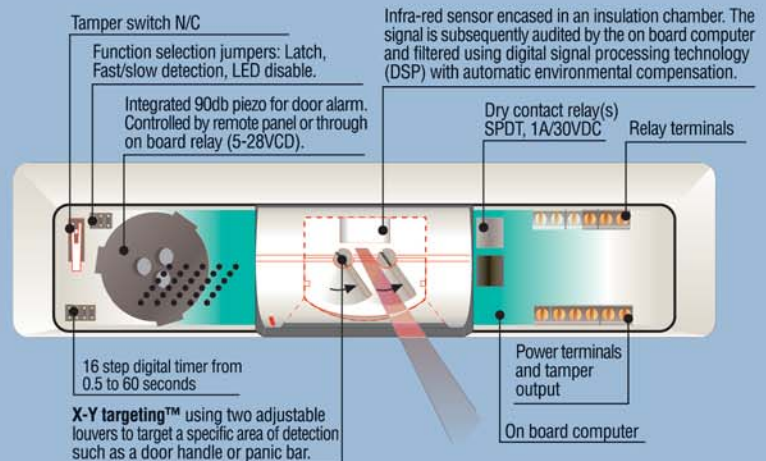
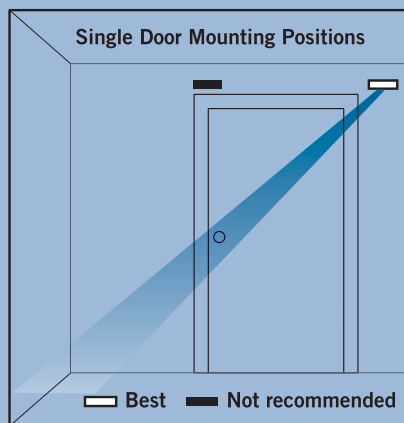
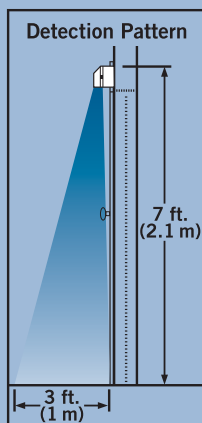
Technical Specifications	
<b>Detector type</b>	Passive infrared
<b>Filter technology</b>	Digital Signal Processing (DSP)
<b>Detector lens</b>	Curtain-type Fresnel lens
<b>Detection range</b>	One hand: 10 ft. (3 m) Whole body: 20 ft. (6 m)
<b>Power consumption</b>	12-28 VDC, 50mA
<b>Piezo buzzer</b>	90 dB at 28 VDC, 5-28 VDC, 20 mA (XL & XL2 only)
<b>Main relay contacts</b>	SPDT, 1A max. @ 30VDC max.
<b>Main relay timer</b>	Adjustable, 1/2 to 60 seconds
<b>Main relay recycle time</b>	Fixed, 3/4 second off
<b>Lock control relay</b>	Available on LT2 and XL2 models only, Solid state relay, N.C., 2A max. @ 30VDC, Timed at 2 seconds fixed
<b>Tamper switch</b>	N.C., 100 mA max. @ 30VDC max.
<b>Dimensions (HWD) in.</b>	1-3/4 x 7-1/8 x 1-7/8
<b>Dimensions (HWD) cm</b>	4.5 x 19 x 4.75
<b>Indicator light</b>	Red / Green LED
<b>Certifications</b>	UL294, CE, FCC, ULC

## Ordering Information:

- T.REX-LT** Tamper and timer (White)
- T.REX-XL** Tamper, piezo, and timer (White)
- T.REX-LT2** Tamper, timer, and 2 relays (White)
- T.REX-XL2** Tamper, piezo, timer, and 2 relays (White)
- T.REX-XLBLK** Tamper and timer (Black)
- T.REX-XL2BLK** Tamper, piezo, timer, and 2 relays (Black)
- T.REX-PLATE** T.REX back plate (White)



T.REX-PLATE



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