

T.Rex Request To Exit Detector

- Zone of detection easily adjustable with pinpoint accuracy
- Unlocks or shunts door automatically
- Hands-free, no buttons to push
- Integrated 90 dB local door alarm sounder independently controlled by access panel
- 4 models available
- X-Y Targeting™ detects movement in very specific areas
- Infrared detection coupled with digital signal processing (DSP) prevents false “Door Forced Open” alarms



T.Rex Request to Exit Detector

T.Rex 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 T.Rex the fastest and most reliable exit detector on the market today.

X-Y Targeting Detects Movement in Very Specific Areas for Added Security

T.Rex is the first detector on the market to offer vertical targeting using two adjustable louvers located in the detection chamber. The installer “trims” the detection area by adjusting these louvers from 90° down to 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 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 trigger appropriate “Door Forced Open” alarms.

Technical Specifications	
Detector Type	Passive infrared
Filter Technology	Digital signal processing (DSP)
Detector Lens	Curtain-type Fresnel lens
Detection Range	
Narrow Targeting Area	3 m (10 ft)
Wider Targeting Area	6 m (20 ft)
Power Consumption	12-28 VDC, 50mA
Piezo Buzzer	90 dB at 28 VDC, 5-28 VDC, 20mA (XL & XL2 only)
Main Relay Contacts	SPDT, 1A max. @ 30 VDC max.
Main Relay Timer	Adjustable, 1/2 to 60 seconds
Main Relay Recycle Time	Fixed, 3/4 second 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
Tamper Switch	N.C., 100 mA max. @ 30 VDC max.
Dimensions (H x W x D)	4.5 x 19 x 4.75 cm (1-3/4 x 7-1/8 x 1-7/8 in)
Indicator Light	Red / Green LED
Certifications	UL294, CE, FCC, ULC

Ordering Information:

- T.REX-LT** T.Rex request to exit detector, with tamper and timer, white
- T.REX-XL** T.Rex request to exit detector, with tamper, piezo and timer, white
- T.REX-LT2** T.Rex request to exit detector, with tamper, timer and 2 relays, white
- T.REX-XL2** T.Rex request to exit detector, with tamper, piezo, timer and 2 relays, white
- T.REX-XLBLK** T.Rex request to exit detector, with tamper, piezo and timer, black
- T.REX-XL2BLK** T.Rex request to exit detector, with tamper, piezo, timer and 2 relays, black
- T.REX-PLATE** T.REX accessory, back plate, white

T.REX-PLATE

