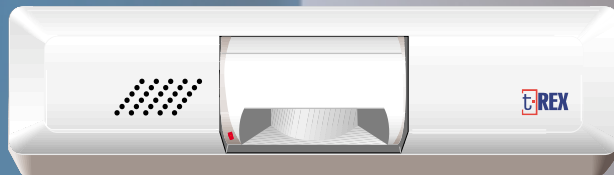


EXIT

The smart detector



- New concept in access control exit detection
- 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

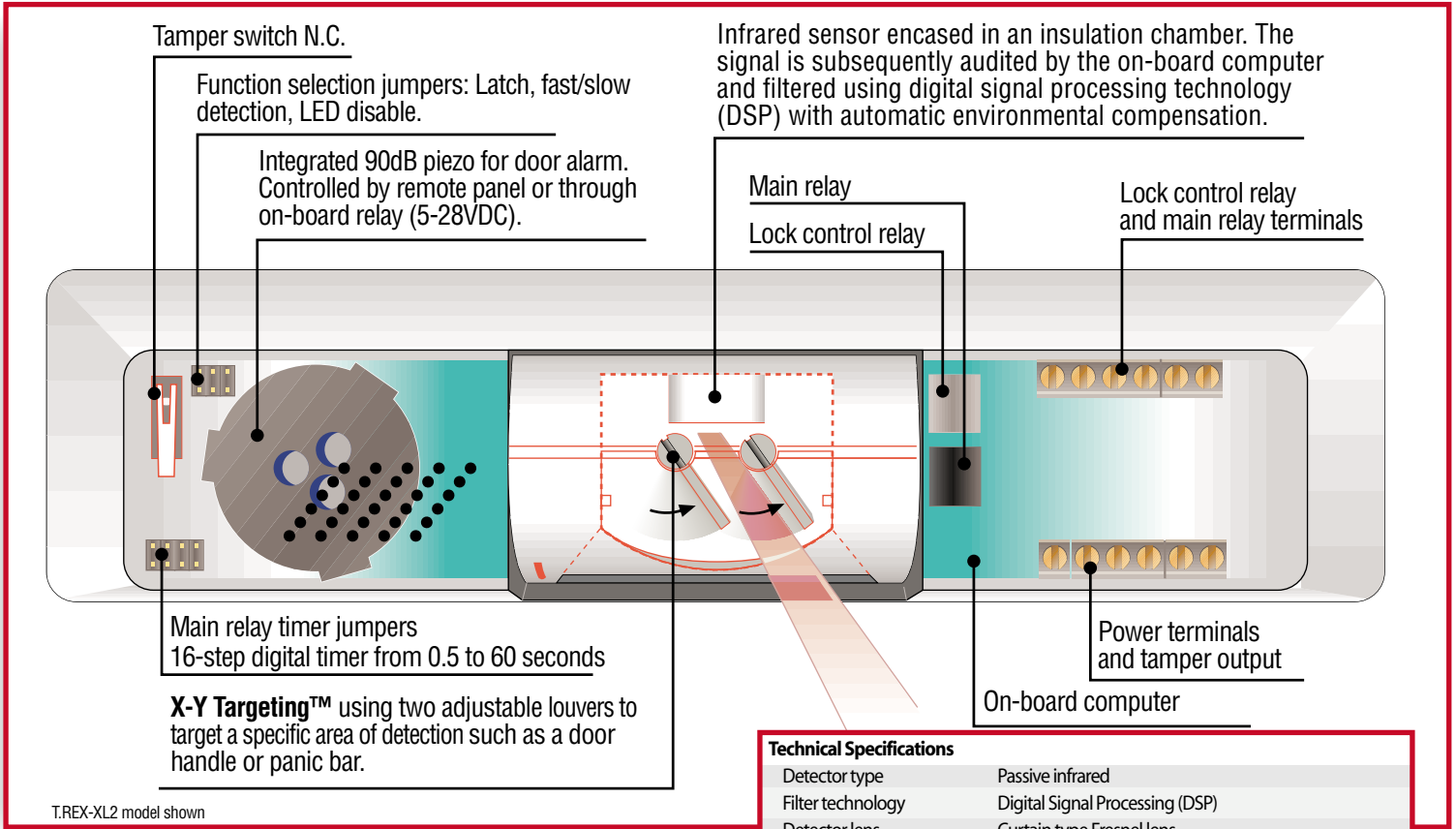


t.REX



EXIT

The smart detector



Technical Specifications	
Detector type	Passive infrared
Filter technology	Digital Signal Processing (DSP)
Detector lens	Curtain type Fresnel lens
Detection range	One hand: 3m (10 ft.) / Whole body: 6m (20 ft.)
Power consumption	12- 28VDC, 50 mA
Piezo buzzer	90 dB at 28 VDC, 5- 28 VDC, 20 mA (XL & XL2 only)
Main relay contacts	SPDT, 1A max at 30 VDC max
Main relay timer	Adjustable, 1/2 to 60 sec.
Main relay recycle time	Fixed, 3/4 sec. off
Lock control relay	Available on LT2 and XL2 models only Solid State relay, N.C., 2A max at 30 VDC max Timed at 2 sec. fixed
Tamper switch	N.C., 100mA max at 30 VDC max
Color	White (all models) Black (XL & XL2 models only)
Dimensions (H*W*D) cm	19 x 4.5 x 4.75
Dimensions (H*W*D) in.	7 1/8 x 1 3/4 x 1 7/8
Indicator light	Red / Green LED
Certifications	UL 294, CE, FCC

Defines a new standard

X-Y Targeting™ targets a specific area of detection.

While some exit detectors on the market offer adjustments of the detection pattern with masking or horizontal alignment, the T.Rex is the first detector 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°. Horizontal adjustment is provided by rotation of the lens. Added security: these two adjustments allow the installer to mount the detector so that the detection area will not "hit" the floor along the doorjamb. This new and exclusive feature defeats attempts to circumvent door supervision by sliding objects underneath the door. Such objects

would be detected by sensors mounted in a traditional way. DSP (Digital Signal Processing) prevents false "Door Forced Open" alarms. Kantech's T.Rex utilizes infrared detection coupled with DSP sampling specifically designed for access control applications. There is a substantial operational difference between a common infrared intrusion motion detector and the T.Rex. An intrusion detector operates at low sensitivity levels and is looking for the positive presence of a human. An exit detector must

detect the extremely fast movement of a hand (the target) about to push the door or turn the door handle. Contrary to intrusion applications, a failure to detect in an exit application will actually cause a false "Door Forced Open" alarm.

Part No.	Description	UL	CE
T.REX-LT	Tamper and timer		
T.REX-XL	Tamper, piezo and timer		
T.REX-LT2	Tamper, timer and 2 relays		
T.REX-XL2	Tamper, piezo, timer and 2 relays		

DNI225-0108



access control and integrated systems **DSC**

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