

SE-TRM-433T01 Personnel transmitter, 433MHz

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- ▶ Fixed frequency of 433.42 MHz
- ▶ Wireless configuring of transmitter parameters (e.g. transmitter profile, auto-tracking interval) via coordinator/receiver
- ▶ Remote firmware upgradable wirelessly via dedicated coordinator
- ▶ Manual duress / Man-down / Lanyard snatch alarms
- ▶ Supervision tracking

The transmitter is available in the following model.

Transmitter Model	Description
SE-TRM-433T01	Personnel transmitter, 433 MHz

System overview

During an emergency, a person presses the alarm button to produce an alarm. Generally, the system sounders, strobes, or sirens activate within 2 seconds. The alarm signal transmits to the receivers which relay the alarm signal to the coordinator and to the central console.

The central console shows the person's location on a map, along with a photograph, name and vital information such as a medical condition or disability.

Functions

Manual Duress Alarm

Press the alarm button on the transmitter to send an alarm. During the alarm, the transmitter automatically continues to transmit every 7 seconds, providing the most current location information.

Man-down Alarm

If the transmitter is tipped more than 60° from upright, it sends an alarm to the central console.

Supervision

The transmitter can send a tracking signal to the central console every 90 seconds (user configurable), updating the person's location.

Test Mode

Use the test mode to test the transmitter anywhere in the protected area. When the subscriber (user) sees an indoor receiver or an outdoor strobe, the user can "activate a test signal". A small green light flashes on an indoor receiver or the strobe flashes during a successful test. The visual indicators (flashing green light or strobe light) are absent when the test fails. Upon successful test, the central console software saves the test information in the subscriber (user) database.

Low Battery Indication

At test mode, when the transmitter's battery needs replacement, a low battery message appears on the central console.

Firmware Upgrade

Transmitter firmware can be upgraded wirelessly via a dedicated coordinator. Use the Utility Tool of the Security Escort software to perform the firmware upgrade.

Certifications and approvals

Region	Regulatory compliance/quality marks	
Australia	RCM	
Europe	CE	EN 61000-6-3:2007 +A1:2011, EN 61000-6-1:2007, ETSI EN 301 489-1 V2.1.1, Final Draft ETSI EN 301 489-3 V2.1.1, ETSI EN 300 220-1 V3.1.1, ETSI EN 300 220-2 V3.1.1, EN 62479:2010, EN 62368:2014
USA	FCC	
Canada	IC	
Singapore	IMDA	

Installation/configuration notes

Compatibility Information

Central Console Software	SE3000 Series
Security Escort coordinator	SE-COR-433
Security Escort receiver	SE-RCV-433

Parts included

Quantity	Component
1	Security Escort Personnel Transmitter
1	Security Escort Personnel Transmitter Quick Installation Guide
1	3V CR2 Battery
1	Belt Clip
2	Screws to secure belt clip to transmitter (0.35 in./1.0 cm)
1	Screw to secure transmitter to belt (0.65 in./1.6 cm)

Technical specifications

Transmission

Transmission Frequency:	433.42 MHz
Antenna Type:	Internal
Trouble Output:	Through central console

Electrical

Battery Life:	4 years under standby mode when used with recommended battery type
Battery Replacement:	Replaceable
Battery Type:	3V Lithium CR2 or equivalent

Physical

Color:	Black
Dimensions:	10.2 cm x 4.1 cm x 2.0 cm (4.0 in x 1.6 in x 0.8 in)
Material:	Cycolac® ABS

Environmental

Operating Temperature:	-20°C to 65°C (-4°F to 149°F)
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Reliability

Mean Time Between Failures (MTBF):	10 years
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Trademarks

Cycolac® is a registered trademark of SABIC Innovative Plastics Holding BV, in the United States and/or other countries

Ordering information

SE-TRM-433T01 Personnel transmitter, 433MHz

Transmitters for security personnel. Includes a lanyard pull cord, supervision tracking, and duress alarm. 433.42 MHz version.

Order number **SE-TRM-433T01**

Accessories

HOLSTER-SE2 SE2 HOLSTER

Black 12.5 cm x 5.5 cm x 4.0 cm (4.9 in. x 2.2 in. x 1.6 in) holster with Velcro opening and belt clip.

Order number **HOLSTER-SE2**

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