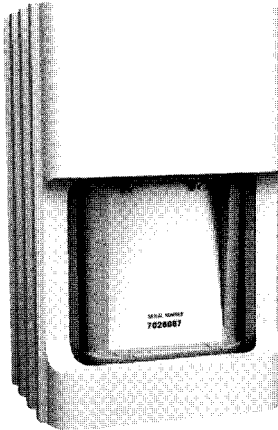
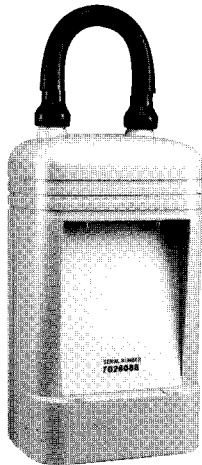


# TRAC-Box

# Specification Sheet



TRAC-Box - Surface Model



TRAC-Box - Shackle Model

## Physical Characteristics

### Dimensions:

	<u>Surface Model</u>	<u>Shackle Model</u>
Width:	4.48 inches	3.22 inches
Height:	7.13 inches	4.53 inches
Depth:	3.26 inches	2.40 inches
Weight:	4.90 pounds	3.10 pounds

**Construction:** Available in two models; surface (wall mount) or portable shackle model. The shackle model is cast from aluminum and covered with a protective rubber shell that prevents damage to any surface it's attached. The shackle is hardened steel and covered with a rubber boot. The surface model is protected with a cast steel shroud.

**Operation:** TRAC-Box is an "intelligent" key container that stores keys (door keys, padlock key, card key or proximity card) and maintains a record of who accesses the key. TRAC-Box can only be opened by an authorized user with a valid TRACkey. The key container releases from the bottom of the TRAC-Box, coming completely free to reveal the keys contained therein.

**Storage Capacity:** TRAC-Box can store up to three conventional keys. In place of keys, standard access cards can be stored.

**Mounting Options:** No power or communications wiring is required, making TRAC-Box easy to install at remote or leased locations. **Surface Model:** A through-the-wall mounting kit is available to secure the housing of the TRAC-Box to exterior surfaces and an optional mounting kit attaches the TRAC-Box to a pole. **Shackle Model:** Once in the released state, the TRAC-Box shackle rotates 360 degrees for convenient attachment. The shackle can also be completely removed from the TRAC-Box.

## Electrical Characteristics

ITEM	DESCRIPTION
<b>Power Requirements</b>	Operates from power supplied by the TRACkey. The TRAC-Box requires no battery maintenance or line voltage.
<b>Electrical Contacts</b>	Weatherproof, comprised of nickel plated phosphor bronze for long life.
<b>Control of Shackle Release Mechanism</b>	Control of shackle release mechanism is managed by a microprocessor. There are no external mechanisms that allow activation without valid authorization.
<b>Tampering</b>	The electronics are protected from the physical environment and resistant to improper handling or tampering.

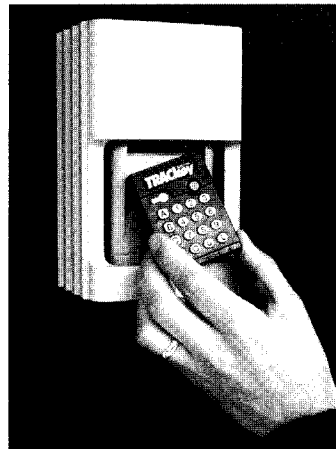
# Environmental Specifications

TEST	DESCRIPTION
<b>Temperature Range</b>	-40°C (-40°F) to 85°C (185°F)
<b>Temperature/Humidity</b>	MIL-STD 202F per Method 106E, cycling from 80% to 95% relative humidity at temperatures of 25°C (77°F) to 65°C (149°F)
<b>Vibration</b>	MIL-STD 810E per Method 514.4
<b>Electrostatic Discharge</b>	IEC 801-2, Severity Level 4
<b>Water Resistance</b>	MIL-T 28800D, Method 4.5.5.3
<b>Salt Spray</b>	MIL-T 28800D, Method 4.5.6.2 at 5% concentration of salt fog at 35°C (95°F)
<b>Certifications</b>	FCC, Canadian Department of Communications-Class B

## Product Usage



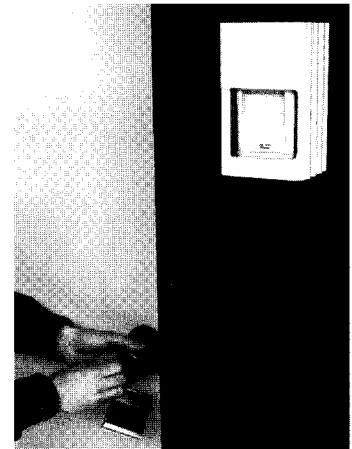
User inputs PIN into TRACkey



TRACkey is placed into TRAC-Box



Key container releases from the base of TRAC-Box



The access transaction is recorded in both the TRAC-Box and the user's TRACkey



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