



Bluetooth® bezel with integrated power jack can send power to a lock in the event of a facility power outage.



Infrared/Bluetooth combined bezel for TRAC-Mini controller.

OVERVIEW

The compact and lightweight TRAC-Mini™ controller is ideal for access control in outdoor installations like telecom, utility, or traffic signal cabinets or on exterior door mullions. Indoor use could include data center doors, utility cabinets, or file drawers. The TRAC-Mini controller extends the powerful capabilities of the TRACcess system to many more locations and applications.

The TRAC-Mini controller may be programmed in either of two configurations:

- Pulse mode unlatches a solenoid-style lock with no hold interval
- Relay mode allows a TRACcess relay to hold swingbolt or motorized locks unlatched for seven (single access) or 60 seconds (multiple access points)

The TRAC-Mini controller has two bezel interface options. One allows infrared and Bluetooth communications. The second bezel allows Bluetooth communications and is equipped with a power jack. When installed with the TRACcess relay, the power jack can supply enough power to open select locks* in the case of a power outage. Each bezel comes with a weather cover for additional protection in outdoor environments.

The TRACcess relay converts external power from 48V to 12V for locking points. Additional power configurations are possible. Please contact Supra for available options.

* Locks must be able to operate on a 9V battery. Contact Supra for custom configurations.

TRAC-Mini™ Controller

TRACcess® controller drives solenoid lock or TRACcess relay

- Mobile key credentials for Android™ or iOS® phones
- Programmable interval to hold a lock in unlatched mode
- Bluetooth® wireless communications
- Rugged construction for outdoor operations

FEATURES

BUILT-IN VERSATILITY

The small size, rugged construction and versatile configuration options of the TRAC-Mini controller bring powerful TRACcess capabilities to many offline locations. Remote operations can be transformed with real-time visibility of access activity.

LAYERS OF SECURITY FEATURES

TRACcess operations are protected with layers of security features such as encrypted communications, PIN code access from unique keyholder accounts, and daily authentication of mobile keys.

REAL-TIME COMMUNICATIONS

The TRACcess eKEY® app transmits activity data to the TRACcess servers in real time. Managers can issue new permissions anytime and can monitor activity online, set email alerts, or schedule automated reports.

Specifications

Physical Characteristics

Dimensions, Infrared/Bluetooth bezel interface:	1.5 x 3.84 x 0.05 in. (38.1 x 97.53 x 1.27mm)
Dimensions, Bluetooth bezel interface with power jack	1.14 x 3.55 x 0.97 in. (28.6 x 90.17 x 24.63mm)
Dimensions, TRAC-Mini controller	2.25 x 4.38 x 1.35 in. (57.15 x 111.25 x 34.29mm)
Dimensions, TRACcess relay	2.25 x 4.38 x 1.35 in. (57.15 x 111.25 x 34.29mm)
Weight, TRAC-Mini controller with Infrared/Bluetooth combined bezel	0.596 lb. (0.269kg)
Weight, TRAC-Mini controller with Bluetooth bezel interface with power jack	0.556 lbs. (0.251kg)
Weight, TRACcess relay	0.405 lbs. (0.181kg)

General

Weather cover	Included
Rolling memory for on-site reading	100 events

Power

TRAC-Mini controller battery	Factory-installed 3V lithium
Power out	TRACcess relay: Set and reset pulses at 24V for 20mSec Pulse mode: Charged capacitor to 24V

Low-battery notification is provided to TRACcess Manager administrator and the keyholder for the TRAC-Mini lithium battery

External power is required for electronic locks or other devices

Communications & Compatibility

Compatible keys	TRACcess eKey® app for Apple® iOS® or Android™ devices with Bluetooth® signal
	TRACcess DisplayKey with infrared signal
Supported lock types	Solenoid, motorized, swing bolt
Bluetooth 4.0	Range 3.3 ft. (1.0m)
Infrared (PN 002250 only)	Range 2.3 ft. (0.7m) Note: TRAC-Mini front panel interface and inside controller must be mounted in clamshell configuration to transfer an infrared signal

TRACcess Relay

Voltage converter	± (36V to 60V)
Lock drive	12V @ 500mA (0.5A) max
SPDT relay	Available for alarm shunt Contact rating: 220V @ 2A

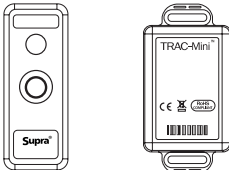
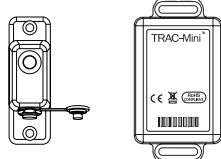

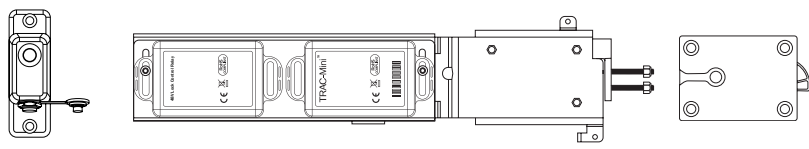
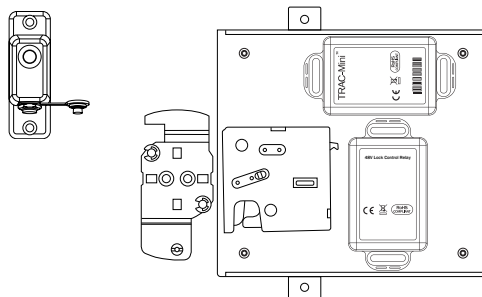
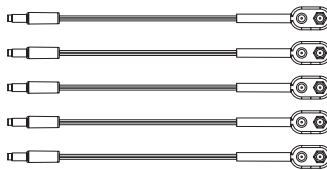
Environmental

Operating temperature	-22° to 167°F (-30° to 75°C)
Storage temperature	-40° to 185°F (-40° to 85°C)
Humidity	10 to 95% relative humidity, condensing including cycling between 86°F (30°C) / 95% RH and 122°F (50°C) / 95% RH
Vibration	MIL-STD-810E requirements per Method 514.4
Chemical resistance	Resists damage from common materials and hydrocarbons such as perspirations, grease, standard cleaners, and de-icers
Water resistance	IP67
Electrostatic discharge	Withstands 6KV contact discharges and 8KV air discharges

Regulatory & Certifications

FCC (US)
IC (CAN)
Directive 2014/30/EU (electromagnetic compatibility)

Ordering Information

PN	Description	
002250	TRAC-Mini Controller, IrDA/BT	
002260	TRAC-Mini Controller, BT	
002251	TRAC-Mini Controller, BT, Relay	
002252	TRAC-Mini Controller, BT, Relay, Ericsson, 6131	
002259	TRAC-Mini Controller, BT, Relay, Ericsson, 6102	
002290	9V Power Cable, Qty 5	

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