It all started with a solution to a challenge

Who We Are
Family owned and operated for over 40 years, we take great pride in STI’s products and exemplary service. Our entire team works just as hard to make you a satisfied customer as we do to make the world a safer place, one product at a time.

What We Do
STI manufactures protective polycarbonate covers, enclosures, push buttons, wire cages and wireless alarms to help prevent theft and vandalism to important fire and safety devices. Covers and cages protect: detectors, lights, manual pull stations, and much more. Alarms protect: fire extinguishers, exit doors, etc. Many options and variations of products are available to protect the things that protect you.

Where We Came From
The STI story begins four decades ago with a challenge made by a suburban Detroit school administrator who wanted to stop false fire alarms. Our Founder, Jack Taylor, used his expertise in security systems to invent the original Stopper® pull station protector. Today, STI has hundreds of innovative products that help make homes, businesses and workplaces around the world safe, smart and secure.

Rely on STI®
Learn more at www.sti-usa.com
# TABLE OF CONTENTS

## FIRE & SAFETY
- Stopper II®  
- Universal Stopper®  
- Horn/Strobe/Damage Stopper®  
- Stopper® Dome  
- Horn/Strobe/Speaker Damage Stopper®  

## ENCLOSURES, COVERS & CAGES
- EnviroArmour® Waterproof Enclosures  
- Metal Protective Cabinet  
- Metal Protective Cabinet with AC/Heat  
- Heated Polycarbonate Enclosure  
- Stopper® Heated Enclosures  
- Universal Stopper® Dome and Low Profile  
- Polycarbonate Covers/Enclosures/Cabinets  

## BUTTONS & SWITCHES
- Stopper® Stations  
- Universal Button  
- Universal Touch Free  
- Universal Pneumatic Button  
- Global ReSet  

## WIRELESS PRODUCTS
- Wireless Entry Alert®  
- Wireless Motion-Activated Transmitter  
- Wireless Doorbell Chime  

## ALARMS & ALERTS
- Exit Stopper®  
- Fire Extinguisher Theft Stopper®  
- Select-Alert Alarms  

For specs & details go to sti-usa.com | 3
Universal Stopper®

**CONSTRUCTION**
Tough, clear UV-stabilized polycarbonate material. Housing can take the severest knocks preventing vandalism or accidental damage to the manual pull station.

**INSTALLATION**
Quick and easy protection in minutes. Can accommodate flush or surface mount applications. Gaskets included.

**DESIGN**
Protective cover with horn. Prevents false fire alarms, without hindering legitimate operation of a manual pull station in the event of an emergency.

**ELECTRONICS**
95/105 dB self-contained alarm draws immediate attention to the area. Available with or without horn, powered by an included battery. Low profile models with a horn (STI-14000 series) flash and sound.

**CONSTRUCTION**
Tough, clear UV-stabilized polycarbonate material. Housing can take the severest knocks preventing vandalism or accidental damage to the manual pull station.

Indoor/outdoor polycarbonate cover helps stop false fire alarms without restricting legitimate operation of pull stations. It is ideal for schools, hospitals, nursing homes, stores, hotels and public buildings of almost every kind.
1. Stopper II®
Protective cover prevents false fire alarms. Does not restrict legitimate access. Self-contained alarm.
STI-1100 Horn, Flush
STI-1130 Horn, Surface
STI-1200 Flush
STI-1230 Surface

2. Universal Stopper®
Indoor/outdoor cover protects pull stations, push buttons and more.
STI-13010FR Flush
STI-13020FR Horn, Flush
STI-13210FR Surface
STI-13220FR Horn, Surface

3. Universal Stopper® Low Profile
Indoor/outdoor protective cover flashes and sounds when lifted. Protects pull stations, push buttons and more.
STI-14320FR Horn, Sealed Back Box
STI-14420FR Horn, Encl. Back Box, Sealed Mounting Plate
STI-14520FR Horn, Encl. Back Box, Open Mounting Plate

Stopper II & Weather Stopper® 6-Packs available.
Call for information.

For specs & details go to sti-usa.com   |   5
1. Horn/Strobe Damage Stopper®
Polycarbonate cover, slotted for horn and/or strobe appliances.

- STI-1210D
  Open Back Box, Conduit Knockout
- STI-1210A
  Encl. Back Box, 4” Deep
- STI-1210B
  Encl. Back Box, Double-Gang Outlet Box

2. Stopper® Dome
Polycarbonate cover slotted for horn/strobe or speaker/strobe units.

- STI-1215
  Flush Mount
- STI-1217
  Open Back Box
- STI-1219
  Enclosed Back Box

3. Horn/Strobe/Speaker Damage Stopper®
Wire guard provides protection for System Sensor SpectrAlert® series notification appliances. Available in flush or surface mount, red or white coated steel wire.

- STI-9705
  Flush Mount, White
- STI-9705-R
  Flush Mount, Red
- STI-9708
  Surface Mount, White
- STI-9708-R
  Surface Mount, Red
STI's non-metallic EnciroArmour Enclosures are lockable and help protect from weather, vandalism, tampering and theft.
1. EnviroArmour® with AC/Heat

Waterproof enclosures. 120VAC, 60Hz A/C and heater unit. Rated UL50 Type 3R, 4, 4X, 6P, 12, IP66. Three sizes and two door options.

- EP242410-* Polycarbonate
- EF181610-* Fiberglass
- EF201610-* Fiberglass

- O1 Opaque, A/C
- O2 Opaque, A/C & Heat
- T1 Tinted, A/C (Polycarbonate models)
- T2 Tinted, A/C & Heat (Polycarbonate models)
- W1 Window, A/C (Fiberglass models)
- W2 Window, A/C & Heat (Fiberglass models)

2. EnviroArmour® with NEMA 3R Filter Fan

Waterproof enclosures. NEMA 3R filter fan with filter vent – 120VAC, 60Hz with thermostat. Rated UL50 Type 3R, 4, 4X, 6P, 12, IP66. Eight sizes and two door options.

- EP161409-* Polycarbonate
- EP181611-* Fiberglass
- EP201608-* Fiberglass
- EP242410-* Fiberglass

- O3 Opaque
- T3 Window

3. EnviroArmour® NEMA 3R Filter Fan

NEMA 3R filter fan with filter vent for use with EnviroArmour enclosures. 120VAC, 60Hz with thermostat.

- KIT-530FF
- Filter Fan

Part #s = Dimensions
# 1. Waterproof Fiberglass EnviroArmour® Enclosures

Non-metallic multipurpose lockable fiberglass enclosures help guard against vandalism, dirt, dust and grime. Has a removable opaque or window door. 10 sizes to choose from.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Dimensions</th>
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</thead>
<tbody>
<tr>
<td>EF060604</td>
<td>EF141206</td>
</tr>
<tr>
<td>EF080604</td>
<td>EF141208</td>
</tr>
<tr>
<td>EF080804</td>
<td>EF161408</td>
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<td>EF100806</td>
<td>EF181610</td>
</tr>
<tr>
<td>EF121006</td>
<td>EF201610</td>
</tr>
</tbody>
</table>

Add -O for opaque, -W for window

# 2. Waterproof Polycarbonate EnviroArmour® Enclosures

Non-metallic multipurpose lockable polycarbonate enclosures help guard against vandalism, dirt, dust and grime. Has a removable opaque or tinted door. 13 sizes to choose from.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>EP060605</td>
<td>EP141207</td>
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<tr>
<td>EP080605</td>
<td>EP161409</td>
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<tr>
<td>EP080805</td>
<td>EP181604</td>
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<tr>
<td>EP100806</td>
<td>EP181611</td>
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<td>EP100807</td>
<td>EP201608</td>
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<td>EP101006</td>
<td>EP242410</td>
</tr>
<tr>
<td>EP101007</td>
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</tbody>
</table>

Add -O for opaque, or -T for tinted
EnviroArmour® Accessories
For use with fiberglass or polycarbonate enclosures.
Heater, AC, heater/AC, panels, thermostats, vents, hygrostats, filter fans, pole mount brackets and more.

1. Temperature Control
A range of heaters and thermostats available.

2. Mounting Panels
Aluminum, fiberglass or polycarbonate panels with brackets for height variance and swing options.

3. Pole Mount Kits
Kits allow EnviroArmour Enclosures to mount to poles.
STI-PMK0608
STI-PMK1012
STI-PMK1416
STI-PMK1824

4. Vents
Small and large vents for fiberglass and polycarbonate enclosures.
KIT-REV60 Small
KIT-REV80 Large
Environmental Enclosures

With STI’s environmental enclosures you can reduce costly equipment replacement and repairs, and assure operation of important devices.

**DESIGN**
Protective enclosure with heat. Protects a wide range of devices, components and sensitive units from vandalism and accidental damage as well as weather, dirt, dust and grime.

**ELECTRONICS**
With or without heat and/or AC. Heater offers three thermostats. Radiant heat plate prevents LCD from becoming sluggish or freezing. Operates on 12, 16.5, or 24 VAC/VDC.

**INSTALLATION**
Several mounting options available. With or without lock. Mounting hardware and gaskets included.

**CONSTRUCTION**
Tough, clear UV-stabilized polycarbonate material. Powder coated metal helps protect against corrosion.
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<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Heavy-duty metal enclosure with A/C &amp; heat.</td>
<td>Tough polycarbonate cover with heat.</td>
<td>Tough polycarbonate cover with heat.</td>
<td>Cover protects devices where temperatures or environmental conditions exceed operating range.</td>
<td>Type 4X environmental enclosure with heater for strobes only.</td>
</tr>
<tr>
<td>STI-7561AC A/C, No Window</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>STI-7561AH A/C, Heat, No Window</td>
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</tr>
</tbody>
</table>
Universal Stoppers®

DESIGN
Protective cover with or without horn. Prevents malicious or accidental damage to manual pull stations, electrical switches and the like.

INSTALLATION
Quick and easy protection in minutes. Can accommodate flush or surface mount applications. Gaskets included.

CONSTRUCTION
Tough, clear UV-stabilized polycarbonate material. Housing can take the severest knocks preventing vandalism or accidental damage to the manual pull station.

ELECTRONICS
95/105 dB self-contained alarm draws immediate attention to the area. Available with or without horn, powered by an included battery.

Indoor/outdoor polycarbonate cover helps prevent malicious or accidental damage to manual pull stations, electrical switches and more. It is ideal for public buildings of almost any kind.
1. Universal Stopper®
Tough indoor/outdoor dome polycarbonate cover protects devices.
STI-13310CG – Green
Enclosed Flush Back Box, Custom Label
STI-13320CG – Green
Horn, Enclosed Flush Back Box, Custom Label

2. Universal Stopper®
Flat Low Profile
Tough indoor/outdoor low profile polycarbonate cover protects devices.
STI-14420NY – Yellow
Enclosed Back Box, Sealed Mounting Plate, Horn Housing, No Label
STI-14500NY – Yellow
Enclosed Back Box, Open Mounting Plate, No Label

3. Universal Stopper®
Dome
Tough indoor/outdoor dome clear polycarbonate cover protects devices.
STI-13000NC
Flush Mount
STI-13200NC
Surface Mount
STI-13300NC
Enclosed Flush Back Box

4. Universal Stopper®
Flat Low Profile
Tough indoor/outdoor low profile polycarbonate cover protects devices.
STI-14000NC
Flush Mount
STI-14200NC
Surface Mount
STI-14300NC
Enclosed Flush Back Box

Shown are examples of our many different cover options.
Use our online configurator to build your perfect cover.
www.sti-usa.com/c1

Questions? 248-673-9898 · info@sti-usa.com
Covers & Cages

Polycarbonate Protectors

With STI’s polycarbonate protectors, you can reduce costly equipment replacement and repairs, and assure operation of important safety and security devices.

**Design**
Helps protect a wide range of devices from vandalism and accidental damage while still allowing them to be accessible.

**Construction**
Tough, clear UV-stabilized polycarbonate material.

**Installation**
Several mounting options available. With or without lock. Most models include mounting hardware.

**Electronics**
Select models available with a choice of alarm.
1. Polycarbonate Cover
   Polycarbonate cover protects against vandalism and accidental damage. Clear or white polycarbonate.
   STI-7730
   Enclosed Back Box, Gasket, Lock
   STI-7700
   Open Back Box
   STI-7710
   Open Back Box, Lock

2. Polycarbonate Enclosure
   Multipurpose lockable enclosure with six back box options. Clear or white polycarbonate.
   STI-7510A-F
   Several Surface and Flush Mount Options: Enclosed Deep Back Box, Open Back Box, Open Conduit Back Box, and more.

3. Type 4X Protective Cabinet
   Multipurpose lockable cabinet protects fire alarm controls and more against abuse and the environment.
   STI-7520
   Key Lock
   STI-7521
   Thumb Lock

4. Metal Protective Cabinets
   For electrical and electronic equipment. Provides protection from hazardous parts.
   STI-EM07123.5
   STI-EM08073.5
   STI-EM111103
   STI-EM111504
   STI-EM121204
   STI-EM151804

5. Type 4 Metal Protective Cabinets
   For electrical and electronic equipment. Provides protection from hazardous parts.
   STI-7560
   With Window
   STI-7561
   No Window
1. **MED Protective Cabinet**
Clear polycarbonate cabinet for remote MED units requiring physical protection.

- **STI-7535MED**
  Thumb Lock, Siren/Strobe
- **STI-7531MED**
  Thumb Lock

2. **Bopper Stopper®**
Cover with spring loaded hinge protects everything from electrical outlets to push buttons. Fits single-gang appliances.

- **STI-6518**
  Polycarbonate Cover

3. **Single-Gang Protective Cover**
Hinged polycarbonate cover has mounting plate molded into frame.

- **STI-6519**
  Polycarbonate Cover
These heavy-duty steel cages are designed to protect smoke detectors, PIRs, exit signs and more from vandalism and misuse, while leaving the devices fully accessible and operational.

**DESIGN**
These steel cages are designed to protect devices from vandalism and misuse. Designed so there is no interference with the operation of the protected unit.

**INSTALLATION**
Quick and easy installation, can retrofit and protect units within minutes.

**CONSTRUCTION**
Constructed of 9-gauge steel wire with corrosion resistant polyester coating or 9-gauge stainless steel wire.

**OPTIONS**
Stainless steel versions are available for flush or surface mount applications. Where additional security is required from theft or misuse, tamper resistant bits are available.
1. **Steel Web Stopper**
Steel wire guard helps protect smoke detectors where abuse is severe. Six sizes available.

STI-9604
Flush

STI-9605
Surface

See website for other sizes.

2. **Beam Smoke Damage Stopper**
Protects costly sensor units of beam type smoke detectors from damage leading to misalignment.

STI-9706
Flush Mount

STI-9707
Surface Mount

3. **Steel Web Stopper**
Steel wire guard protects photoelectric smoke detectors from abuse and damage.

STI-9712
For Photoelectric Smoke Detector, Surface Mount

STI-9713
Flush Mount, UL Listed

4. **Smoke Detector Damage Stopper**
Heavy-duty steel cover for smoke detectors where abuse is severe.

STI-8200-W
Flush, Coated Steel

STI-8230-W
Surface, Coated Steel

5. **Smoke Detector Damage Stopper**
Tough polycarbonate cover extremely effective in reducing malfunctions to smoke detectors where abuse is severe. Available in smoke, white and clear.

STI-8100
Flush Mount

STI-8130
Surface Mount

For specs & details go to sti-usa.com
1. Exit Sign Damage Stopper®
Protects a wide range of exit signs from vandalism and damage.
STI-9640 Small
STI-9740 Large
STI-9741 Ceiling Mount
STI-9742 Wall Mount

2. Clock/Bell Damage Stopper®
Highly recommended for gymnasiums and other areas where abuse is severe.
STI-9631 10.5” Diameter
STI-9632 16.5” Diameter
STI-9633 20” Diameter

3. Wire Guard Damage Stopper®
Designed to protect a wide variety of devices from vandalism and damage.
STI-9729 Small
STI-9730 Large

4. Light Damage Stopper®
Protects outdoor lights where vandalism and damage are prevalent.
STI-9703 9-gauge Steel Wire Guard

5. Motion Detector Damage Stopper®
Protects PIRs from vandalism and accidental damage.
STI-9620 9-gauge Steel Wire Guard
STI-9621 9-gauge Steel Wire Guard
STI-9622 9-gauge Steel Wire Guard
**Custom Wire Guards**
Contact our sales department to assist in developing custom wire cages to your specifications. Previous custom guards include protection for: windows, cameras, speakers, lights, signs and more.

**1. Speaker Wire Guards**
Cages help protect speakers from theft, damage, and vandalism. Constructed of 9-gauge steel wire, they take tough knocks in stride.

*STI-282121  
STI-241416*

**2. Custom Wire Cages**
Protect appliances from vandalism and accidental damage. Available in stainless steel or corrosion resistant polyester coated steel wire.

For specs & details go to sti-usa.com | 21
ADA Compliant multipurpose buttons/switches cover a wide range of applications indoors and outdoors. A number of standard models are available or STI can create custom units to meet specific needs.

**CONSTRUCTION**
Station housing molded of tough polycarbonate. Stainless steel backplate.

**INSTALLATION**
5VA flammability rating on backplate and spacer.

**DESIGN**
Incorporates a unique, patented design that helps dramatically stop accidental activation.

**ELECTRONICS**
Multiple button functions available:
- Key-to-Reset, Momentary, Turn-to-Reset, Pneumatic, Key-to-Activate, Weather
- Three 12-24 volt LED color indicators.

**CONSTRUCTION**
Station housing molded of tough polycarbonate. Stainless steel backplate.

**BUTTONS & SWITCHES**
**Stopper® Stations**
1. Stopper® Station
ADA Compliant, multipurpose button/switch covers a wide range of applications.
SS2042PS-EN
Key-to-Reset Illuminated, Red, FUEL PUMP SHUT-DOWN Label, Universal Stopper® Cover

2. Weather Resistant Stopper® Station
2" button designed for indoor/outdoor use. UL/cUL Type NM rated.
SS2307PO-EN
Momentary Illuminated, White, EMERGENCY POWER OFF Label

3. Stopper® Station with Cover
Covers provide added protection from accidental activation or intentional damage.
SS2229EV-EN
Turn-to-Reset, Yellow, EVACUATION Label, Stopper® Station Shield

4. Stopper® Station
UL/cUL Listed, ADA Compliant button/switch for multipurpose use.
SS2505AB-EN
Momentary Illuminated, Orange, ABORT Label

Available in Spanish & French
Wireless available

Models shown are examples. Visit our website to see over 3000 buttons.

For specs & details go to sti-usa.com | 23
Stopper® Station 3-Packs
3-in-1 kits offer three complete push buttons with shields in one package. Includes snap-in messages and three activation choices (momentary, turn-to-reset, key-to-reset) per button. Offers optional illumination (red, green, white). Three (3) kits available in blue, green, yellow. UL/cUL Listed, ADA Compliant.

1. Blue Stopper® Station 3-Pack
Includes: 3 buttons, 3 protective shields, 3 snap-in messages per button (EMERGENCY, Blank, LOCKDOWN).
CP-SS43-EN

2. Green Stopper® Station 3-Pack
Includes: 3 buttons, 3 protective shields, 3 snap-in messages per button (EMERGENCY EXIT, Blank, EXIT).
CP-SS13-EN

3. Yellow Stopper® Station 3-Pack
Includes: 3 buttons, 3 protective shields, 4 snap-in messages per button (EMERGENCY POWER OFF, HVAC SHUT-DOWN, EMERGENCY, Blank).
CP-SS23-EN
1. Universal Button
Momentary push button offers over 300 combinations in one convenient package.

UB-1
Universal Button Kit

UB-2
2" Universal Button

UB-1-LTUL
Universal Button with Latching Timer

UB-2-LTUL
2" Universal Button with Latching Timer

2. Universal Touch Free Button
Button with NoTouch® technology allows user to exit protected door without the touch of a button.

UB-1TF
Universal Touch Free Button

UB-2TF
2" Universal Touch Free Button

3. Universal Pneumatic Button
Pneumatic adjustable timer opens or closes a circuit and has a timed delay before reset.

UB-1PN
Pneumatic Button

UB-2PN
2" Pneumatic Button

For specs & details go to sti-usa.com | 25
1. Global ReSet
Indoor/outdoor, latching resettable push button switch simulates break glass activation with no broken glass. When activated, indicator drops into view. Simple reset with provided key for immediate re-use. Housing available in five colors with choice of standard or custom phrases. Rated for outdoor use. Surface back box available.

Visit website for part numbers

2. Protective Covers
Several protective covers provide further defense against accidental and malicious activations, and vandalism. Available in many colors with standard or custom phrases, and with or without an optional horn and/or visual notification.

Visit website for options

3. Mounting Plate
Versatile mounting plate hole pattern fits U.S. single-gang, double-gang, 4” square electrical boxes, and European electrical box.
Wireless chimes greet visitors with a pleasant chime and let you know when the door opens or a person enters the detection zone. All chimes are compatible with each other.
1. Wireless Entry Alert®
Alerts when a door is opened. 500’ operating range.

STI-3360
Transmitter with Receiver

STI-3551
Additional Transmitter

2. Wireless Motion-Activated Transmitter
Alerts when someone enters detection zone. 500’ operating range.

STI-3610
Transmitter with Receiver

3. Wireless Doorbell Chime
Alerts when doorbell button is pressed. 500’ operating range.

STI-3350
Transmitter with Receiver
ALARMS & ALERTS

Exit Stopper®

STI’s highly effective alarm can help lessen the fear of security concerns. It helps stop unauthorized exits and entries into a building, as well as theft. When activated, it flashes and emits a piercing horn.

DESIGN
Highly visible “stop sign” design acts as a deterrent. Visual and audible warning. Included label allows warning in two languages.

ELECTRONICS
Set to sound for 30 seconds, 3 minutes or indefinitely. 95/105 dB warning horn.

INSTALLATION
May be mounted on top, right, left or next to almost any door. Unit is completely self-contained.

CONSTRUCTION
Virtually indestructible polycarbonate housing.

STI’s highly effective alarm can help lessen the fear of security concerns. It helps stop unauthorized exits and entries into a building, as well as theft. When activated, it flashes and emits a piercing horn.
1. Exit Stopper®
Highly effective multifunction door alarm flashes and alerts to any unauthorized exits or entries through protected door. Includes 21 labels to warn in a second language. Alarm can be set to sound for 30 seconds, 3 minutes, or indefinitely. May be programmed for 15 second entry delay or immediate alarm. 95/105 dB alarm when activated. Easy to install – mount on top, right, left or next to almost any door.

STI-6400
Multifunction Door Alarm

STI-6402
Double Door Alarm

2. Fire Extinguisher Theft Stopper®
Sturdy, tamperproof, self-contained alarm helps deter theft, misuse or vandalism to fire extinguishers and other equipment. It leaves the extinguisher accessible for emergencies and does not interfere with firefighting in any way. Add warning in a second language with provided labels (21 languages). 95/105 dB alarm when activated. Deactivation cable provided for maintenance.

STI-6200
Theft Alarm
1. Round Select-Alert Siren/Strobe
Weather resistant combination of alarm and flashing LEDs. 32 siren choices and 8 flash patterns with strobe speed control. Battery option with low battery signal and an open circuit. 85/105 dB alarm, 9-24 VDC. Can be used with push buttons, protective covers and more. IP66 Projected Rating.

**STI-SA5500-**
IP66 Projected Rating


2. Rectangle Select-Alert Siren/Strobe
Combination of alarm and flashing LEDs. 32 siren choices, 8 flash patterns and strobe only or sounder only control. Offers lens tamper resistance, and an alarm trigger on power. 85/105 dB alarm, 12-24VDC. Can be used with push buttons, protective covers and more. IP54 Projected Rating.

**STI-5600-**
IP54 Projected Rating

3. Select-Alert Alarm Mini Controller
Alarm and flashing LEDs alert to any unauthorized use of important devices. Offers 32 siren choices, 5 colors. Separate alarm and strobe timing. Can be used for: access control buttons, alarm with cabinet, exit strobe, and more.

**STI-SA5000-**

For specs & details go to sti-usa.com | 31