

SPIDER SECURITY PRODUCTS

PHYSICAL SECURITY REDEFINED.™



PRODUCT DATASHEET

SPIDER BLOCKERBOX 8

PART NUMBER: SSP-SBL-308

FEATURES AND BENEFITS

The Spider Blocker Box 8 is a packaged Eight Reader Protection Kit that provides vital anti-tampering protection for up to 8 Access Control Reader Devices. Equipment such as:

- ✓ Proximity & Keypad Card Access Entry Readers
- ✓ Biometric & Fingerprint Authentication Devices
- ✓ Hand Geometry & Retinal Scanners, and More

Data Line Types Protected:

- Wiegand
- OSDP
- Clock & Data/ABA
- RS232/RS485
- F/2F
- Match
- XSF
- Any reader using two-wire data communications

Countermeasure Features:

- Neutralizes card sniffers, data loggers & replay devices
- Nullifies edge-deployed "Man in the Middle" (MitM) security hacking technologies such as the: Gecko, BLE-Key, ESP-Key, and others that attack vulnerabilities in access systems
- Protects Controller Panels from [power manipulation tactics](#)
- Safeguards Reader Power & Data Lines against exploitation
- Local & Remote Tampering Status Indicators
- Local & Remote Triggering and Resetting
- Purposely isolated from the IoT for added security

APPLICATIONS

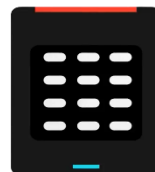
'Protocol Agnostic' the Spider Blocker can be deployed into virtually every access system.

- **Backwards compatible** – Ready to protect all legacy reader protocols
- **Forward compatible & future-proofed** – Ready to protect future protocols

Once implemented, it will exponentially strengthen electronic access systems as used in...

- Government Buildings
- Technology Companies
- Healthcare & Hospital Facilities & more!

Lockdown Feature: The Spider Blocker can serve as the perfect "Lock-down" Module for emergency situations. Triggered by a Panic Alarm Switch, our hardwired (non logic-dependent) component can disable access readers and override automated door unlock schedules --- Key objectives in minimizing casualties and loss in these scenarios.



INSTRUCTIONS

1. At each Door: Connect the Reader's Tamper Switch Output. (Or install a new tamper).

- Most access readers normally rest at Red LED when powered. (Confirm your device). If this is the case, the wire connected to the reader's Red LED Control wire (often the Brown Conductor) can be re-purposed. Connect it to the reader's 1-Wire Tamper Output.
- Test your Tamper Switch to send 1 of 2 Ground Signal Types to the Spider Blocker below:

N.C. Tamper = Ground Signal when Reader is Normal, Open Circuit when tampered.
N.O. Tamper = Open Circuit when Reader is Normal, Ground Signal when tampered.

2. Mount the Spider BlockerBox near the Controller Panel. (Procedure per Blocker below)

- Identify the "home run" cable from the reader. Unwire it from the Control Panel.
- Rewire the cable into the Blocker's READER Terminal [P5]. Land the Brown Wire to TMP.
- Inside the panel, run a jumper cable in between the Controller's Reader Port, over towards the Spider Blocker's PANEL-SIDE Terminal [P1].
- Set DIP Switch S2 to match your Tamper Switch's operation (See "1-B" above). (Mode A) is for a N.C. Tamper, (Mode B) is for a N.O. Tamper.
- Connect auxiliary features as desired to [P2-P4] (i.e. Monitoring & Remote Features)

3. Operations Test- Reader Tamper activations should trigger the Spider Blocker.

- Power & data lines will be disabled & countermeasures activated. Reset after testing.

TECHNICAL DETAILS

Enclosure Dimensions D/W/H: 5.00" x 21.25 x 13.75"

Operating Voltage: 12 Volts DC

Current (Per Board): 25mA nominal (Mode B), 90mA nominal (Mode A), 100mA (Alarm)
Power Recommendation: If Reader Port does not have additional capacity of 100mA per Spider Blocker module, utilize a dedicated 12VDC source with ample bandwidth
Fuses (Per Board): [F1: Board] 5mmx20mm 1A Fuse, [F2: Reader] 5mmx20mm 1A Fuse

On-Board Features (Per Board): Simple Panel & Reader Wiring, Status LEDs, 2 Alarm Outputs, Remote Triggering/Resetting, On-Board Reset Pushbutton, Tamper Input

Alarm Outputs (Per Board): Two SPDT "Form C" Relays [P2] and [P3]

P2/P3 Relay Output Ratings: 250VAC/220VDC Maximum or 2 Amps Maximum

Wiring Terminals: Removeable Connectors with Slotted Screw Terminals

Switch S2: (Mode A) N.C. Tamper = ON/OFF/ON, (Mode B) N.O. Tamper = OFF/ON/OFF
Nominal Operating Temperature: 60-95 Degrees Fahrenheit

Package Contents (8) Spider Blocker Modules, (4) Screws/Washers, (2) Keys, (1) Guide
Made in the USA – Patents Pending

Optional Equipment:

Spider Tamper Switches: SSP-RDR-880/882/884-TAMPER

Spider BlockerBox 16: SSP-SBL-316

CRUCIAL INFO AT: WWW.SPIDERPROTECT.COM