SOLAR PANELS ANTI-THEFT KIT

- Affordable and reliable
- 100% Effective
- Fool Proof Design

INSTALL WITH US

SMART ANTI-THEFT ALARM
FOR SOLAR PANELS

Designed to protect your solar panels against theft. The alarm is triggered as soon as the thieves start removing the solar panels from the mounting structure. This system is free of false alarms; it is not sensitive to vibrations, weather conditions like wind, rain or snow, will not affect it. And leaves, birds and animals will not trigger any false alarms. It can be installed with a siren. Armed and disarmed with a remote. Or it can be linked to your main alarm as a 24-hour zone. Fool proof design, everything is installed at a secure space like in the house, garage or guard house.

Features

- Affordable and reliable
- 100% Effective
- Fool proof Design
- User friendly and easy to install
- Monitors your solar panels for 24 hours
- Can be installed separately from your main alarm
- Link it to your main alarm as a 24-hour zone
- Can be armed and disarmed
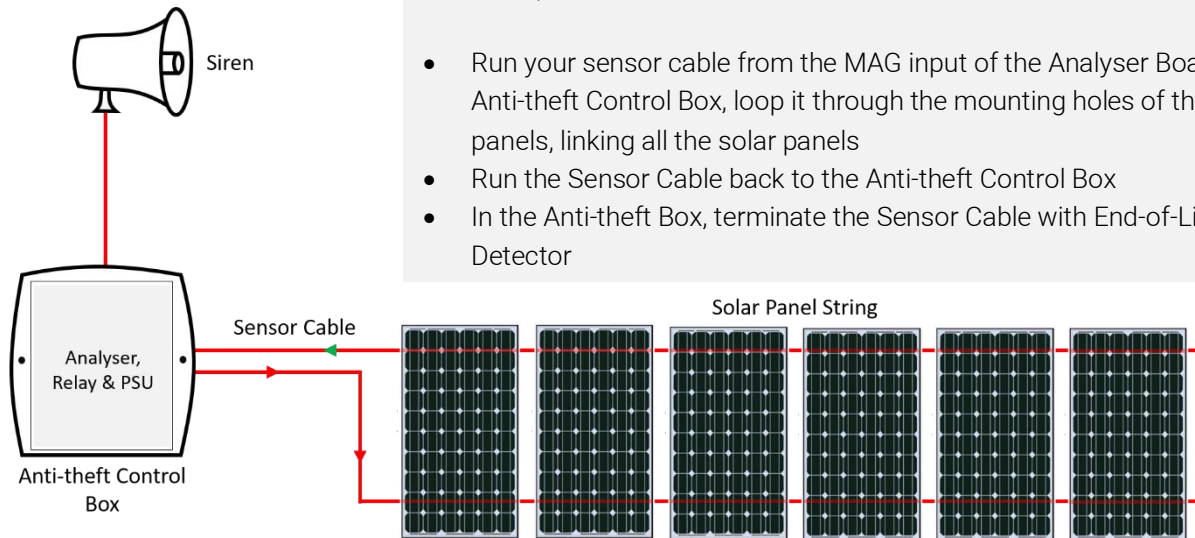- 7Ah Battery Backup

Installation Instructions

Wiring Sensor Cable
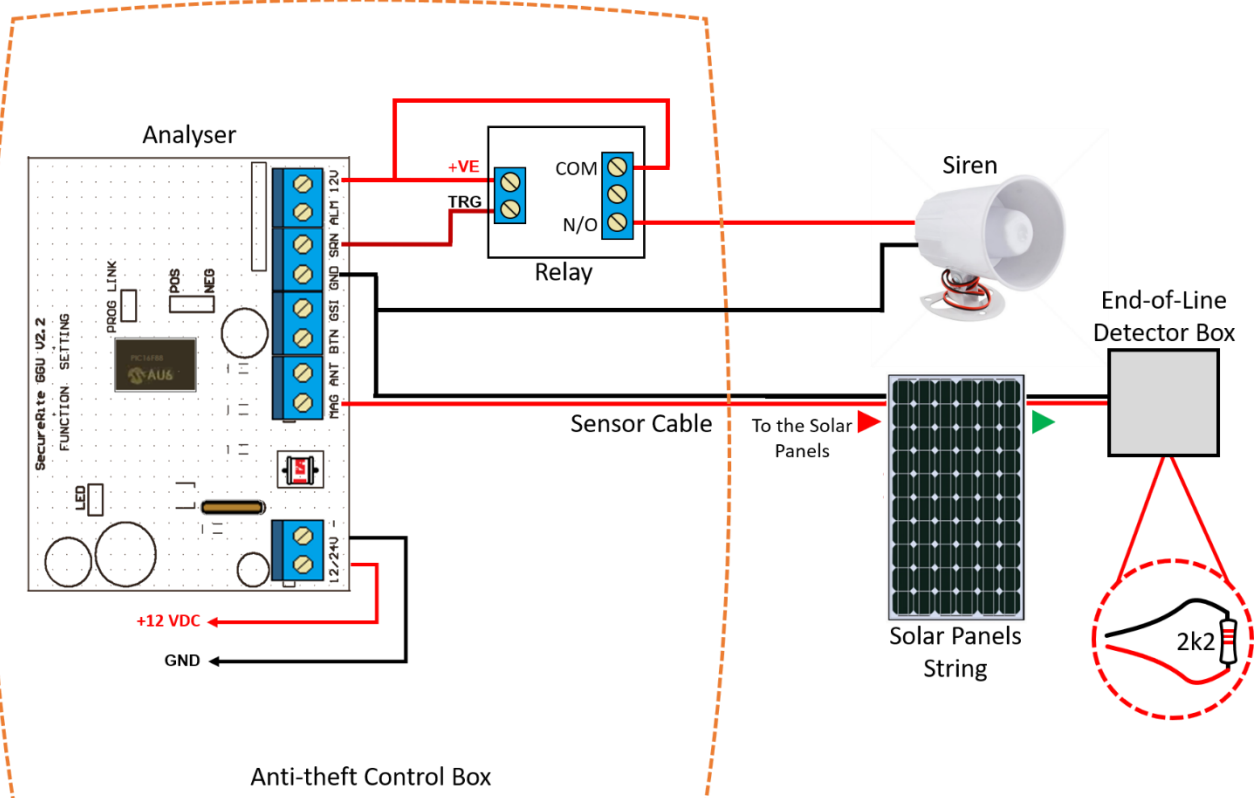
0.2mm Ripcord is recommended for a Sensor Cable.

- Run your sensor cable from the MAG input of the Analyser Board in the Anti-theft Control Box, loop it through the mounting holes of the solar panels, linking all the solar panels
- Run the Sensor Cable back to the Anti-theft Control Box
- In the Anti-theft Box, terminate the Sensor Cable with End-of-Line Detector

Siren

Analyser, Relay & PSU

Anti-theft Control Box

Sensor Cable

**Solar Panel String**

Anti-theft Control Box

Anti-theft box contains the Analyser Board, Relay, Power Supply and a Battery Backup. Install your Anti-theft box at a secure place; to avoid possibilities of unauthorised people tampering with the box.

- Connect the Sensor Cable to the Analyser; one terminal to MAG output and the other to GND.
- Run the cable out through opening slots on the enclosure to the solar panels
- After running the sensor cable through the solar panels, run the cable back into the anti-theft box, strip and connect the terminal to the End-of-line Detector

Analyser

SecureRite GGU V2.2 FUNCTION SETTING

PROG LINK

POS NEG

LED

12V ALM SRN GND GSI BTN ANT MAG

12/24V

+12 VDC

GND

+VE

TRG

COM

N/O

Relay

Siren

Sensor Cable

To the Solar Panels

Solar Panels String

End-of-Line Detector Box

2k2

Anti-theft Control Box

Wiring Anti-theft Box Components

End-of-Line Detector
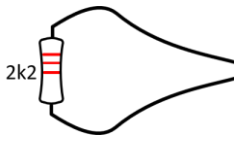
Twist the ends of the Ripcord to the ends of 2.2k ohm resistor (supplied). Insulate the connections and make sure they do not short circuit.

Siren

- Connect the Pos (Red) wire of the Siren to N/O of the Relay Board
- Connect Neg (Black) wire of the Siren to GND

Technical Specifications	
Input Voltage	220V AC
Backup Battery	12V 7AH
Maximum current	95mA
End-of-Line Detector	2k2
SRN Output MAX Current	2A (25W at 12V)
Operating Temperature Range	-15C – 50C
Size	400 x 320mm

Arming the System

Once the installation is complete you are ready to arm.

- Power your Anti-theft Control Box and connect the battery
- Press and release the "FUNCTION" button; "SETTING" LED will flash once then "FUNCTION" LED will begin flashing slowly
- Your system is armed