



# Smart Security System

## Manual



Smart Skimmer Security  
SSS-100







Smart Level Security  
SLS-100



Smart Temp Security  
STS-100

## List of Parts

Item	Pictures	Description
AC Switch		<ol style="list-style-type: none"> <li>1. Wired with each sensor</li> <li>2. For connecting with the power of secured equipment</li> <li>3. Wire length of the sensor : 10 feet (3 meters)</li> </ol>
Smart Skimmer Security SSS-100		<ol style="list-style-type: none"> <li>1. AC switch wired with magnetic skimmer sensor</li> <li>2. Wet-side magnet with a prism</li> <li>3. Smart Skimmer Security can prevent your protein skimmer from overflowing.</li> </ol>
Smart Temp Security STS-100		<ol style="list-style-type: none"> <li>1. AC switch wired with magnetic temperature sensor</li> <li>2. Dry-side magnet</li> <li>3. Smart Temp Security can prevent your aquarium from overheating or overcooling.</li> </ol>
Smart Level Security SLS-100		<ol style="list-style-type: none"> <li>1. AC switch wired with magnetic level sensor</li> <li>2. Dry-side magnet</li> <li>3. Smart Level Security can prevent your aquarium from overflowing or equipment running dry.</li> </ol>

## Auto Time Delay

Smart Security System has auto time delay function for equipment power-on and sensor detection to prevent false alarms due to power outages.

Delay time*	Power-on delay	Detection delay
Smart Skimmer Security	5 min	5 min
Smart Temp Security	10 sec	5 min
Smart Level Security	10 sec	5 min

\* The delay starts when the AC switch is plugged-in or power is restored.

## Installation

1. Mount the sensor.

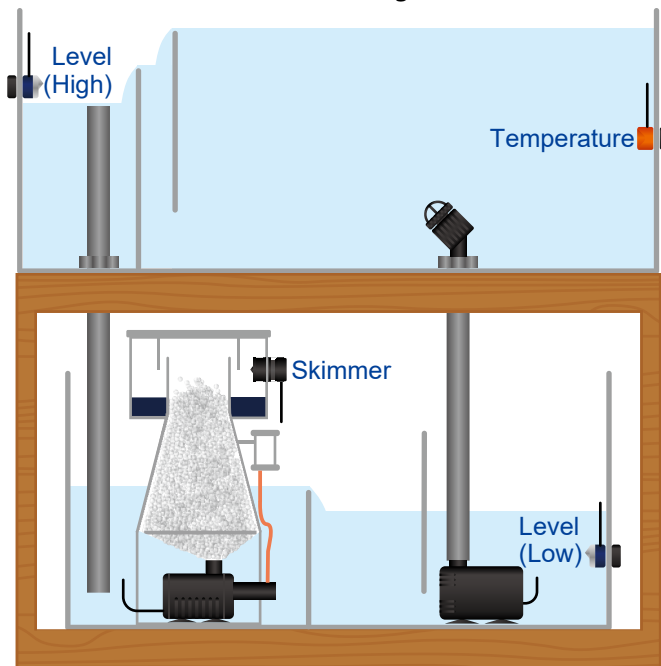


2. Connect the equipment power to the AC switch.



3. Plug in the AC switch.

## Installation Diagram



## Security Alarm

- AC switch **flashing red** with audible alert :
  - Skimmer : The water level in collection cup reaches the sensor.
  - Level : 1. Flashing quickly : Water level is higher than normal water level.  
2. Flashing slowly : Water level is lower than normal water level.
  - Temperature : 1. Flashing quickly :  $> 84^{\circ}\text{F} \pm 0.5^{\circ}\text{F}$  ( $28.8^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ )  
2. Flashing slowly :  $< 72^{\circ}\text{F} \pm 0.5^{\circ}\text{F}$  ( $22.2^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ )
- AC switch **flashing blue** with audible alert :
  - Skimmer : 1. The sensor and the wet-side magnet are not aligned well.  
2. The collection cup wall is not clean.

## Specifications

- Power Input / Output : 100~240VAC, 10Amp
- Max Power : 1100W for 110VAC / 2200W for 220VAC
- Max Mounting Thickness : – Temperature & Level sensor : 1/2" (12.7mm)  
– Skimmer sensor : 1/4" (6.4mm)
- Temperature Security Range :  $72^{\circ}\text{F} \sim 84^{\circ}\text{F} \pm 0.5^{\circ}\text{F}$  ( $22.2^{\circ}\text{C} \sim 28.8^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ )

## Notice

1. Please keep the AC switch dry.
2. Each product should be used for its intended purpose.
3. Any incorrect operation will not be warranted and will result in a repair fee.

Purchase Date

(Y/M/D)

Warranty Period

One year from the purchase date

Place of Purchase

(Store name, phone, email, address)

Service

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\* Please go to AUTOAQUA website to  
get the distributor information.