

Technical Quick Guides

Easy 600/1000 Smoke Cloak LED Status and dip switch Cheat Sheet

LED fault finding:

LED1: On = Battery OK / Off = Battery Failure – Latch until Battery change. Seadan SKU: BAT4050 2 x 12V 2.3AH in series required

Batteries should be changed at least every two years or when needed.

The battery fuse is electronic. – Auto restart

Indicated on the non-critical fault relay (terminal 9&10)

LED2: On = System Ready / Off = System Not Ready – Temp has not reached the minimum operating temp (about 210 Degrees) / Flashing = system has a temperature fault

System fault relay (terminal 11&12) shows temperature fault

LED3: On = Heating / Off = Not Heating - possible heater failure/ Flashing = Maintaining heat (system ready status)

- Led 3 is ON when the EASY would like to heat, meaning it will be on, if the Easy is too cold
- Led 3 is OFF, if the EASY thinks it has reached the normal operating temperature = 300 degrees C

LED4: On = Fluid Available / Off = No Fluid

- Detection of NO fluid is done by the software this is done, by monitoring the heater temperature during an activation. If the temperature doesn't drop, there is no fluid passing through the heater
- No fluid will only be detected together with a LOW FLUID detection
- No fluid failure will be reset when the LOW FLUID sensor detects fluid

LED5: On = Fluid OK / Off = Low Fluid

- Low fluid is indicated in the non-critical fault relay (terminal 9 &10)
- It can take a few minutes before the status of the led and relay changes

LED6: On = System ok / Off = System not ok (Mains Fail, Temp <210 Degrees, No Fluid)

If the system is NOT ok, it can be:

- Mains failure
- Temperature failure
- No fluid

Mains failure is indicated by system fault LED 6 off, open circuit (terminal 11 &12), with no other indicated fault on the LEDs

LED7: On = Pumps Off in Standby / Off = Pumps Active & Fog deploying

System active output (pins 7 & 8) is N/C going open circuit when active.

Dip Switch set up:

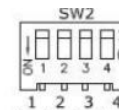
SW2				Fog production time
1	2	3	4	
0	0	x	x	15 sec
1	0	x	x	30 sec
0	1	x	x	45 sec
1	1	x	x	60 sec

SmokeCloak Easy interface DIP switch settings

Retrig

It is possible to re-activate the EASY with a configured 100sec delay

- The EASY will be reactivated, and fire with half of the configured runtime
- The Easy can be programmed to retrigger 2, 4 or 8 times
- It will run until either the alarm is reset or the number of programmed reactivations is reached or the unit runs out of fluid.



	1	2	3	4	Number of retriggers
X	X	0	0	0	0
X	X	1	0	2	2
X	X	0	1	4	4
X	X	1	1	8	8

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