

SVCSPWK-BW2

User Guide

The SVCSPWK-BW2 Safe Power Supply Cable can avoid car ignition problem caused by low battery voltage.

The SVCSPWK-BW2 will automatically cut off the battery power when battery voltage drops below 12V or 24V (selectable) or via timed delay shutoff (adjustable).

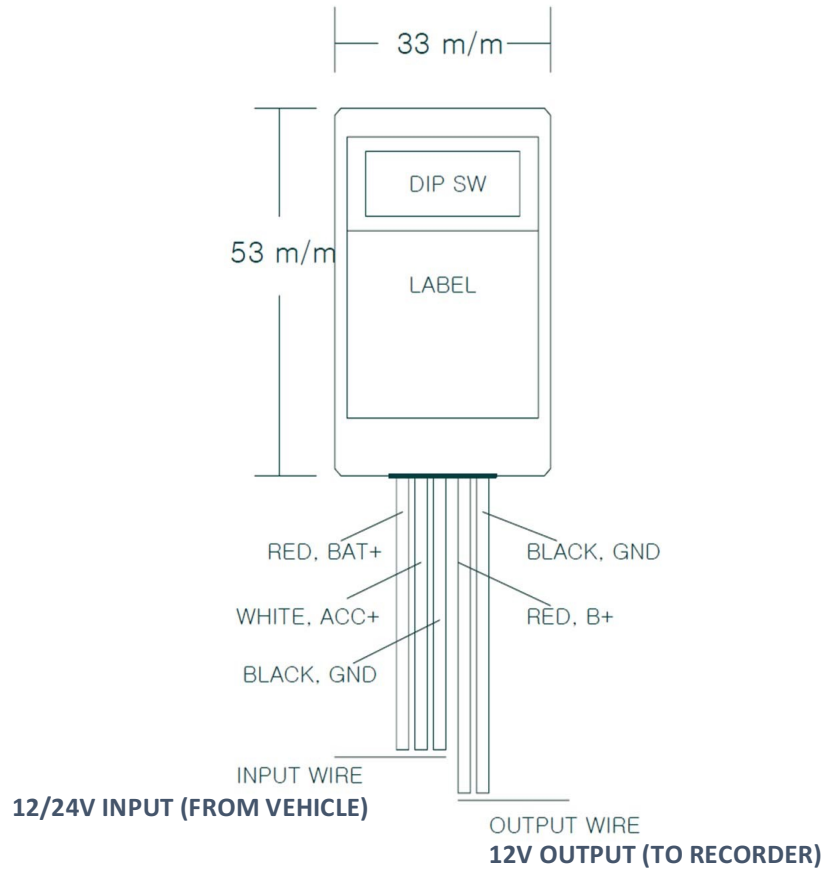
Technical Specification

Input Voltage	9V~38V ($\pm 5\%$ V)		
Output Voltage	12V or 24V (Same with input voltage),		
	Max capacity: 12V 1.5A or 24V 1A		
Operation Temp.	-20°C ~ 80°C		
	<u>When used at 12V vehicle</u>		<u>When used at 24V vehicle</u>
Power Cut Voltage	12V(± 0.2 V)	Power Cut voltage	24V(± 0.4 V)

NOTES

1. Please check the product status periodically.
2. Please set the Power Input selection correctly according to the vehicle.
3. The battery efficiency is related to the environment (temperature). Harsh environment can affect performance.
4. The Power Input / Output allowance is $\pm 2\%$ (About ± 0.2 V~ ± 0.4 V).
5. If there is something wrong, please turn off the power and contact your supplier.

Diagram

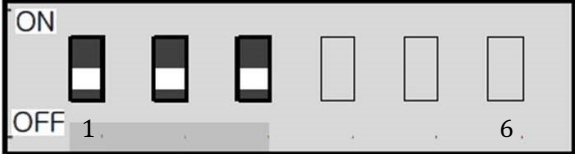


LED SPECIFICATIONS

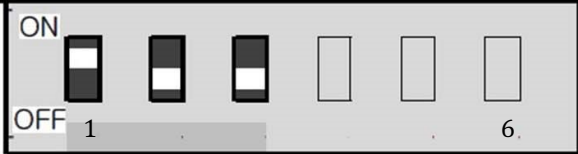
When ACC is turned ON	RED LED on and off 3 times, and then on solid
1minute After ACC ON	RED LED off
Error Occurred	RED LED on and off continuously

DIP Switches 1~3: Delayed Power Shutdown settings

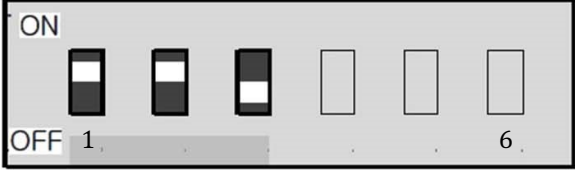
1hour (SW OFF-OFF-OFF)



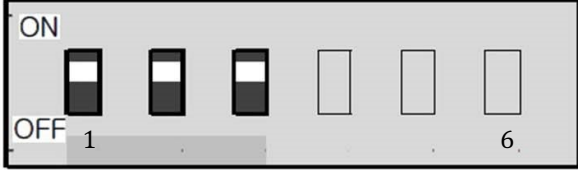
4 hours (SW ON-OFF-OFF)



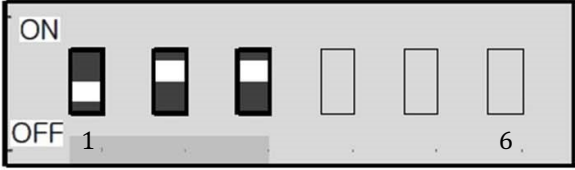
8 hours (SW ON-ON-OFF)



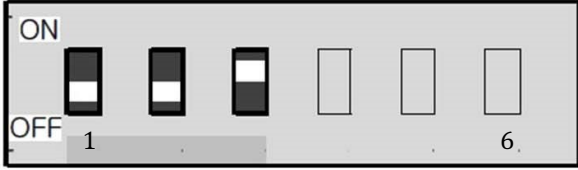
12 hours (SW ON-ON-ON)



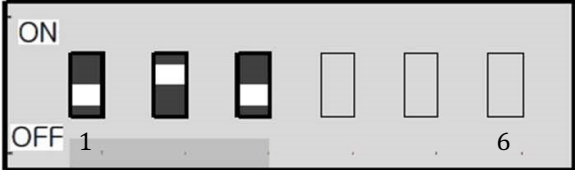
24 hours (SW OFF-ON-ON)



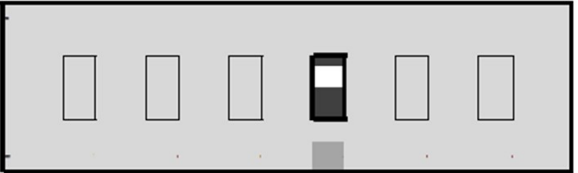
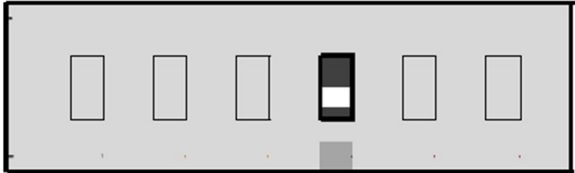
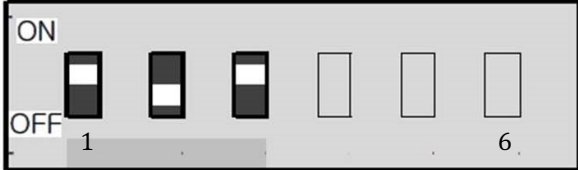
36 hours (SW OFF-OFF-ON)



48 hours (SW OFF-ON-OFF)

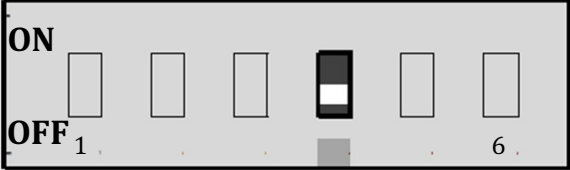


72 hours (SW ON-OFF-ON)

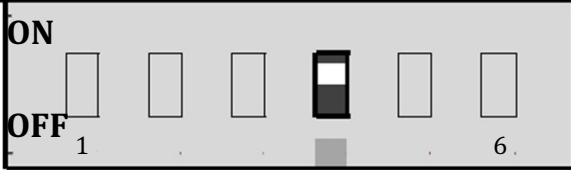


DIP Switch 4: Select input power (Vehicle Power)

12V Vehicle (Dip Switch: OFF)

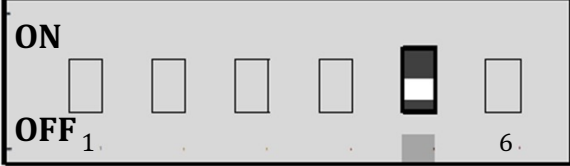


24V Vehicle (Dip Switch: ON)

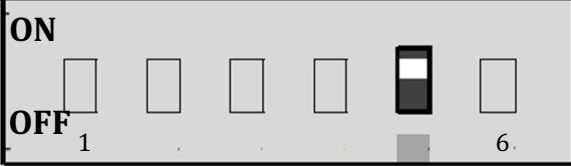


DIP Switch 5: Select Power Cut Voltage (12V Vehicle)

Power Cut at 12V (Dip Switch: OFF)

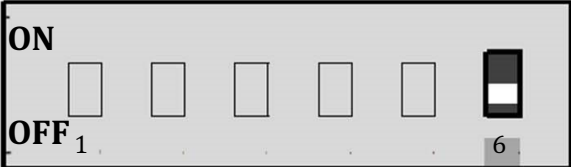


Power Cut at 11.8V (Dip Switch: ON)

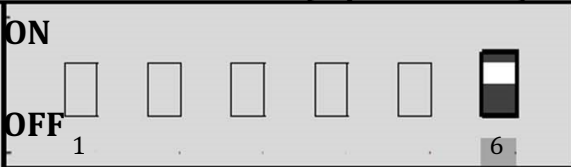


DIP Switch 6: Select Power Cut Voltage (24V Vehicle)

Power Cut at 24V (Dip Switch: OFF)



Power Cut at 23.7V (Dip Switch: ON)



Installation

Verify your vehicle's voltage before you install and set the red switch to proper voltage setting. (Typically passenger cars use 12V and buses use 24V).

Connect the Red cable (+) to the fusebox (battery power). It should be connected to a battery circuit (Permanent Power).

- ① Connect the white cable (ACC+) to the fusebox (ACC power). It should be connected to an ACC circuit (Ignition Power).
- ② Connect the black Ground cable which has Y pin to the chassis of the car or Ground Point.
- ③ Connect the power (RED(+), Black(Ground)) to the Camera Recorder power cable.

***Please start on the car after first installation.**



Power Input

Red: Battery(+)
White: ACC(+)
Black: Ground(-)

Power Output

Red: (+) to recorder
Black: Ground(-) to recorder