

USER GUIDE

CSS SOS LONE WORKER & VULNERABLE PERSON ALARM - Tracking Device



Overview

SOS device is a waterproof (IP66) personal remote positioning device, intended for monitoring and protecting lone workers, mobile nursing staff, the elderly and Dementia suffers, people generally at risk, including children.



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Getting to know your device



Charging the device

Prior to the first use, please fully charge the battery for around 2-3 hours

Using the USB charger or using docking station to charge

- Place the device on the docking station.
- Connect the Micro USB side of the cable to the docking station port and connect the other end of the cable to the designated AC power source (USB/AC adapter).
- When charging, the RED LED (on docking station) will be blinking (solid). After fully charging, the RED LED will solid.

Switching the device on and off

- **To turn on the device:** press the side power button for 1 second, all the LEDs will flash rapidly. Device can be also turned on automatically by charging via USB or put it into the docking station.
 - ※ To get an initial location, use outdoors or near a window so the device may fix onto the satellites.
- **To turn off the device:** press and hold the side button and SOS button together for 1 second until the LEDs turn off.

What do the lights mean?

Power Status LED

LED	Blue ON (solid)	Blue Blinking Quickly	Blue Off or blinking slowly
State	The device is charging	Battery power is lower than 15%	Device has been fully charged or is not charging

GSM LED - GREEN

LED	Light shows a single flash rapidly every 3 seconds	Light shows a double flash rapidly every 3 seconds	Light shows a slow flash every 3 seconds	Light Solid (not flashing)
State	The device is connected to the GSM network	The device is registered to the GPRS network	The device is connecting to the GSM network	No SIM Card detected

GPS LED - BLUE

LED	Light shows a single flash rapidly every 3 seconds	Light shows a slow flash every 3 seconds (every 1 second on and 3 seconds off)	Blue Off (when device not charging)
State	The device has a GPS positioning fix	The device has no GPS fix	The GPS chip is sleeping

Operating the device

Activating an SOS Alarm

Press and hold the SOS button for 3 seconds until the device vibrates, and then green light will start to flash rapidly to confirm the request. After that, an SOS Alarm will be sent to the monitoring center and a voice call will be established. In the event of a failure to connect to the first number at the monitoring center, the device will attempt to connect to a further two numbers as required, and after 5 minutes repeat the same attempts, continuing this process until the call is answered.

To end the call, press the SOS button.

Making a Phone Call

To make a call to the monitoring center, press and hold the side button for 3 seconds and you will hear a beep. The green light will flash rapidly to confirm the request, and the call will be established.

To end the call, press the SOS button.

Important!

- Do not use or store the unit in dusty places or extremes of temperature
- Clean with a dry cloth only - do not use detergent or chemicals
- Do not disassemble the device or attempt to use non-approved batteries

Hardware Specification:

Dimensions	61mm x 43mm x 16mm
Net Weight	15g
GSM Frequencies	900/180/850/1900Mhz
GPS chip	U-blox 7 (Support AGPS)
GPS sensitivity	Cold start: -148dBm Hot start: -162dBm
GPS accuracy	<2.5m
Time to First Fix	Cold start 32s, Warm start 11s, Hot start 1s
Charging Voltage	5V DC
Battery	Chargeable 3.7V 800mAh
Standby Current	≤2mAh
Storage Temperature	-40°C to +85°C
Operation Temperature	-20°C to +80°C
Humidity	5%-95% non-condensing