

SD30 user manual

Introduction

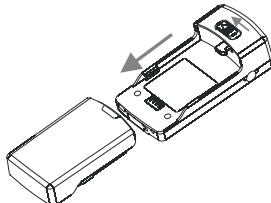
Sky Detective's SD30 Tracker uses Qualcomm's CDMA gpsOne technology. The SD30 provides tracking, security and recovery of high-value packages/assets in real time or on demand. Sky Detective's SD30 provides accurate location capability, even in impaired environments such as inside trailers and closed packages without the use of external antennas.

The device can set to follow up the enwrap, baggage or cars, custody the special crowd.

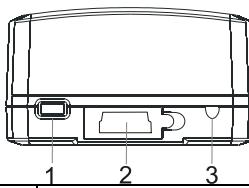
Install the Battery

You must install and charge the battery to use your device. Insert the ridge at the side of the battery into the base of the device, then push the battery down and snap it into place.

Remove the battery



Shove the button as the direction of the arrowhead, slide the battery down as the other arrowhead.



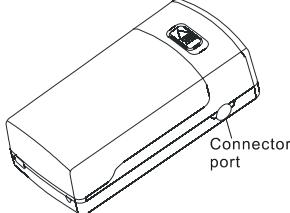
1	Power key	Turn on or off the device, and do some different function according to the pressing time.
2	Accessory Connector Port	Insert charger, data cable and other accessories.
3	Indicate light	Indicate the currently state.

The SD30 has a single programmable button located on the bottom left hand corner of the device.

- Turn the SD30 ON or OFF. The SD30 can be programmed to have the button turn the device ON or OFF. The device could accidentally be turned off while being used. This would fundamentally render the device inoperable. Extreme caution should be used.
- Check the Status of the Battery. The SD30 can be programmed to have the button provide the status of the battery. A low battery notification could be displayed on the LED or sent over the air. Battery usage would increase and drain the battery at a potentially much faster rate until the battery is fully discharged. This would fundamentally render the device inoperable. Extreme caution should be used.
- Request a location fix. The SD30 can be programmed to have the button request a location. A valid location fix request could be displayed on the

LED or sent over the air. Battery usage would increase and drain the battery at a potentially much faster rate until the battery is fully discharged. This would fundamentally render the device inoperable. Extreme caution should be used.

- Check the Status of CDMA coverage. The SD30 can be programmed to have the button check the status of CDMA coverage. A status of the CDMA coverage could be displayed on the LED. Battery usage would increase and drain the battery at a potentially much faster rate until the battery is fully discharged. This would fundamentally render the device inoperable. Extreme caution should be used.



The connector port can use to test GPS net. It has two function: Test the GPS electric capability connecting the cable; The other, connecting the outside GPS antenna in the poor net can boost up the take over much more GPS signal.

Tri-Colour LED

The SD30 has a tri-colour LED located on the bottom right hand corner of the device. The Red and Green colours will be very clear. The third colour will be a blend of Red and Green (both lights on).

Pressing the power key 1second can tests the currently net, the Green indicate in the CDMA coverage, the Red means out of the service.

Pressing 3 seconds can tests the currently battery level, the Green indicate the full charge, the twinkling red light indicates the low charge, the constant red light indicate the extremely low charge.

Pressing 5 seconds make once orientation.

Pressing 7seconds turns off the device.

In the off state, pressing more 0.5 seconds turn on the device,

When charging the device, the Red indicates charging the battery, the Green indicates the full battery.

SD30 Location Determining Mode

MS-Assisted: The SD30 will support MS-Assisted location fixes. In this mode, the device's location is calculated by the PDE.

MS-Based: The SD30 will support MS-Based location fixes. In this mode, the device's location is calculated by the SD30 using assistance data provided by the PDE. The assistance data is provided by the PDE to the device on request and the assistance data will remain valid for approximately one half hour. Autonomous The SD30 does not support autonomous GPS fixes.

SD30 Network Features

Control Plane: The SD30 will support control plane.

User Plane: The SD30 will support user plane.

You can choose to use on control plane or user plane.

Human Exposure to RF:

1. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting, the minimum distance should be at least 20 cm from the antenna
2. Modification not approved & performed by manufacturer may void the user's authority to operate the device