

# **CTC-S100**

## **User Manual**

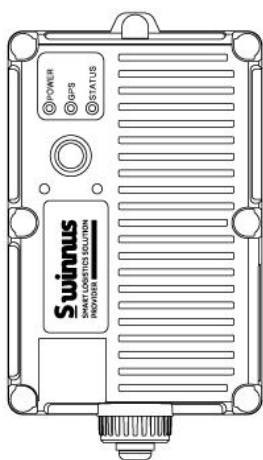
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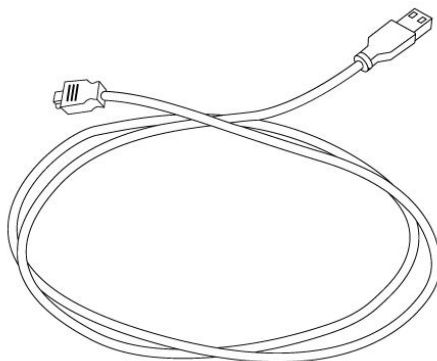
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## 1. Components of the product



[CTC-S100]

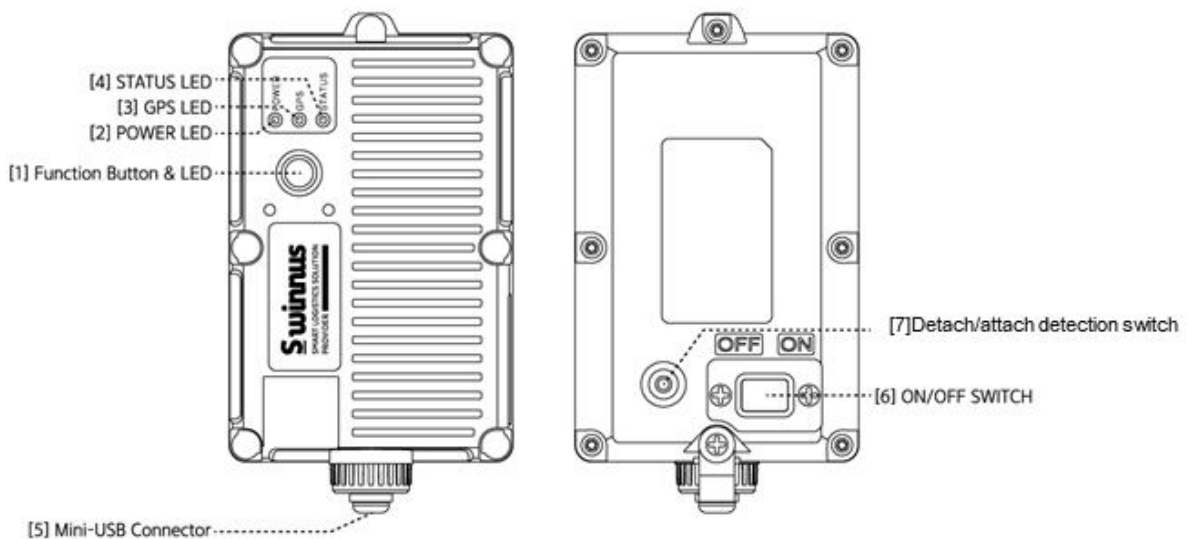


[Mini-USB 2.0 Cable]

## 2. Specification

division	description
Model Name	CTC-S100
Operating System	Firmware
Mobile Communucation	GSM/WCDMA
Location Information	GPS
Weight	390g
Notification	3 Color LED(Red, Green, Blue)
Battery	Li-Ion / 9,000mAh(Built-in Battery)
Operating voltage(V)	3.7V ~ 4.2V
Input voltage(V)	DC5V ~ DC24V
I/O Port	Mini-USB(Device setup and log check, F/W upgrade, charge)
Dimension(mm)	77(W) X 132(L) X 38(D)

### 3.Part name and function



Name	Description	Features	
[1] Function Button & LED	Check battery residual status	<b>[1] LED Color</b>	<b>State</b>
		Green	4.0V ~ 4.2V
		Blue	3.8V ~ 4.0V
		Yellow	3.7V ~ 3.8V
		Red	3.5V ~ 3.7V
[2] POWER LED	Display device operation status	<b>[2] LED Color</b>	<b>State</b>
		Red	ON-working, OFF-Not Working
[3] GPS LED	Display GPS signal reception status	<b>[3] LED Color</b>	<b>State</b>
		Red	LED 점멸 : Receive GPS signal
[4] STATUS LED	Display GSM/WCDMA communication status	<b>[4] LED Color</b>	<b>State</b>
		Green	GSM / WCDMA network connected
[5] Mini-USB Connector	Charging cable connector	<b>[5] LED Color</b>	<b>State</b>
		Flashing	Charging
		Green	Charging complete
[6] ON/OFF SWITCH	Power ON/OFF	ON	Power ON
		OFF	Power OFF
[7] Detachable Detection Switch	Alarm is sent out when device is attached after equipment attachment		

#### 4. How to use

- (1) Turn ON / OFF Toggle Switch [6] on the rear of the device to ON.
- (2) Check the status of POWER LED ON [2] on the front of the device.
- (3) Attach to the location where equipment is to be attached.

#### 5. How to charge

- 1) Connect the charging cable to the Mini-USB connector [5] on the bottom of the device.
- (2) When the charging cable is connected, the color of the Function Button [2] flashes with the beep sound.
- (3) When charging is completed, the color of Function Button [2] turns green.

#### 6. Event

##### (1) Shock Event

- : In the normal state, the event packet is generated by detecting the impact in real time.  
(impact beyond the threshold)
- ※ Impact packets in one cycle are not duplicated.

##### (2) Device removal detection event

- : The event packet is generated by detecting removal detection in real time.
- ※ Impact packets in one cycle are not duplicated.

#### 7. A/S

082-51-747-8933

## 8. Caution

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Caution: Exposure to Radio Frequency Radiation.

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.

※ This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.