

## 7.Installation instructions

### 7.1 Installation Notes

Installation of the terminal is concealed installation, installation recommended by the professional organization designated by the dealer to install.

### 7.2 Installation Precautions:

- ▶ Concealed installation, pay attention to waterproof
- ▶ Please turn on the device terminal battery switch before use
- ▶ When installing, make sure that the (indicator light) is down and that there is no metal shield above it shield above it
- ▶ Can be fixed with a cable tie, or with a sponge double-sided adhesive

### 8Working description

- ① The power supply indicator (red) is always on
- ② Do not take a separate external backup battery, battery switch must be open, power indicator (red) slowly flash
- ③ The search data signal (yellow indicator) and GPS signal (blue) indicator light flash
- ④ Normal operation, the data signal (yellow light) and GPS signals (blue light) slowly flash

### 9.Battery use safety

Please use the original battery of your terminal. Using any other accessories will invalidate all warranty service. The manufacturer will not be responsible for any damage caused by the use of non-genuine accessories.

- ▶ Do not allow metal objects to short-circuit the battery contactor
- ▶ Do not bend or forcibly open the battery
- ▶ Do not immerse the battery in water or in a fire
- ▶ The battery must be charged near room temperature, and if the temperature is below 0 degrees Celsius or above 45 degrees Celsius, the battery may not work
- ▶ Do not use the appearance of deformation, discoloration, leakage or damage to the battery pack
- ▶ Do not disassemble the battery

## 10.Troubleshooting

If the terminal does not work properly, please refer to the following questions and solutions. If you can not solve the problem, contact the vendor or service provider.

| common problem                   | Problems                                                                                                                               | Solution                                                   |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Poor signal reception            | Use of terminals in poor reception areas, such as high-rise buildings or basements, can not be effectively communicated by radio waves | Located in the signal good position to use the end         |
| Unable to connect to the network | SIM card is not installed                                                                                                              | Check the SIM card                                         |
|                                  | SIM card metal surface dirt                                                                                                            | Wipe with a clean cloth                                    |
|                                  | Out of data service area                                                                                                               | Move to the network service provider service area          |
| Location not found               | The signal is weak                                                                                                                     | Move to where the signal is strong Try again               |
|                                  | Data card is not enabled for data transfer                                                                                             | Please contact your network service provider to enable GPS |
| Location not found               | Always reply "Failed to get location"                                                                                                  | Please contact your dealer                                 |

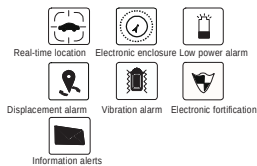
## GPS Traffic warning lights

### Safe Use Guide GPRSDY001



Please read carefully before use to install the installation guide for proper installation, product appearance, if any changes, please prevail in kind!

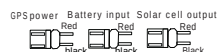
## 1.Product Features



## 2.Product appearance



## 3.Terminal definition



### 3.1. Terminal outlet definition

| status      | meaning                                 |
|-------------|-----------------------------------------|
| interface 1 | GPS power red "+" black "-"             |
| interface 2 | Solar battery red "+" black "-"         |
| interface 3 | Lithium battery input red "+" black "-" |

### 3.2. Red LED(Power / operating status)

| status      | meaning                       |
|-------------|-------------------------------|
| Slow flash  | Normal work                   |
| Long bright | Normal operation              |
| Not bright  | Device failure or hibernation |

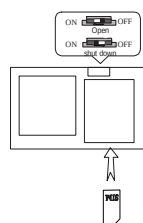
### 3.3. Yellow LED (Data signal)

| status      | meaning                                   |
|-------------|-------------------------------------------|
| Slow flash  | Data transfer initialization              |
| Long bright | The data reception signal is normal       |
| Not bright  | No data signal is detected or hibernation |

### 3.4. Blue LED (GPS signal light)

| status      | meaning                            |
|-------------|------------------------------------|
| interface 1 | GPS signal search                  |
| interface 2 | GPS signal reception is normal     |
| interface 3 | GPS signal not found or hibernated |

## 4.Terminal connection



- Connect the red positive terminal to the positive terminal of the battery (+). Negative black cathode connected to the battery (-).
- Solar power input line interface to the positive and negative power interface (positive and negative can not be reversed)
- GPS motherboard interface is inserted into the corresponding interface can not be reversed

## 5.Equipment operation

### 5.1. Login location service platform

Please log in to the dealer's designated location service platform for the appropriate settings and functions. Default login account: IEM number (see sticker)

The default login password is 123456

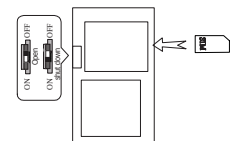
### 5.2. Download the mobile client

Please download the designated website to download mobile phone client software installation

### 5.3. SMS instruction operation

- State query  
format: status#
- Set the SOS number  
Format: sos, a, number #
- Address Search  
Format: DW or 123
- Set the center number  
Format: center, a, number #

### 6.Switch ON/OFF



- Unplug the SIM card and insert the SIM card and open the battery switch

**FCC Caution:**

This device complies with part 15 of the FCC Rules.

Operation is subject to the condition that this device does not cause harmful interference.

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

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.