

Dorland Industrial Intrinsically Safe Smartphone

Quick Guide



IDEN5G_T2S
5G Global

Safety Instructions

Ordinary mobile PDA can not meet the explosion-proof requirements in dangerous places, so they are not allowed to be used in dangerous places that may cause explosion. The areas that may cause explosion include: fuel area (such as under the deck of a ship, transportation and storage facilities for fuel or chemical products), places with chemical substances or particles (such as particles, dust or metal powder) in the air, such as gas stations, oil depots, etc. The Industrial Intrinsically Safe Handheld Terminal IDEN5G_T2S produced by Beijing Dorland has been certified by the national explosion-proof certification authority, and meets the requirements of GB3836.1-2010 explosive environment Part 1: General requirements for equipment, GB3836.4-2010 explosive environment Part 4: equipment protected by intrinsically safe "i" and GB12476.1-2013 electrical equipment for combustible dust environment Part 1: General requirements and GB12476.4-2010 / IEC61241-11: 2005 electrical equipment for combustible dust environment Part 4: intrinsic safety "iD" standard requirements. It is suitable for zone 1, zone 2, zone 21 and zone 22 of explosion hazard field.

Basic parameters

Ex marking: Ex ib IIC T4 Gb/Ex ib IIIC T130°C Db
Certification No.: CCR1 22.7021X
IP grade: IP67

Safety Warning

Safety performance of Industrial Intrinsically Safe Handheld Terminal IDEN5G_T2S can be guaranteed only in strict accordance with the instructions in this section. Please read the instruction carefully before using. If you have any questions, please contact the manufacturer immediately.

Safety Rules

Safety performance of Industrial Intrinsically Safe Handheld Terminal IDEN5G_T2S base the users obey the following rules.

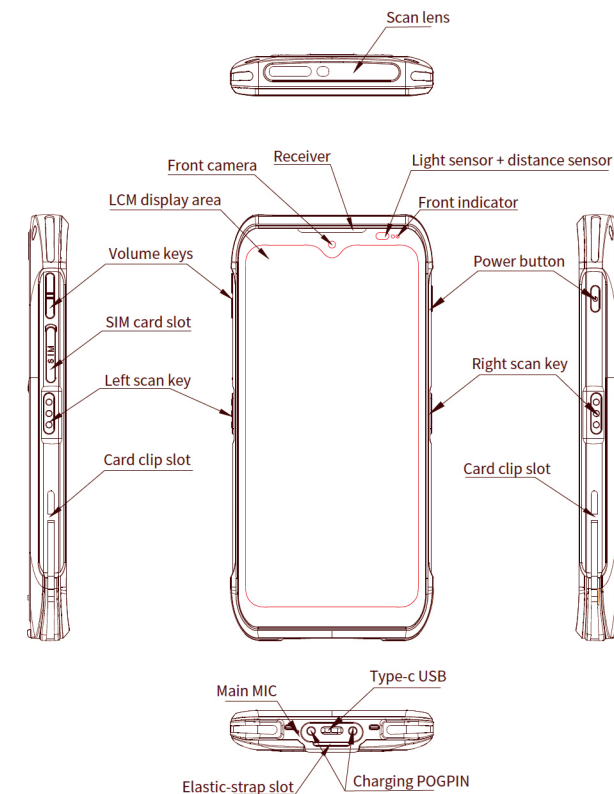
- The battery for it is made by the manufacturer specializing in the production of batteries. Only the original battery meets the intrinsically safe requirements. Any other non-original batteries will result in the loss of phone explosion-proof performance. Please make sure to use the original battery. For battery replacement, please contact Beijing Dorland System Control Technology Co., LTD.. The battery for it is Ex Battery 066 4500mAh explosion-proof polymer battery.
- Please use the original charger when recharge battery, and make sure in the safe areas. The maximum charge voltage is 4.4V.
- Don't replace battery for it in explosion hazardous areas.
- It can not be used in explosion danger zone 0.
- Don't use headset, data cable plug devices in the explosion hazardous areas.
- Don't use the flash function in explosion hazardous areas.
- Don't use the vibration function of the phone in explosion hazard areas.
- Please keep away the high-temperature region when using it.

Failure and damage processing

If it has lost its safety performance, please stop using in explosion hazardous areas, and ship the failure phones back to the manufacturer for testing. Situations that may cause failure of it explosion proof performance include the following ones:

- The phone shell is damaged.
- Storage place does not meet the storage conditions.
- Damaged during transport.
- Explosion-Proof mark is unrecognized.
- Other functions fail.

Product view

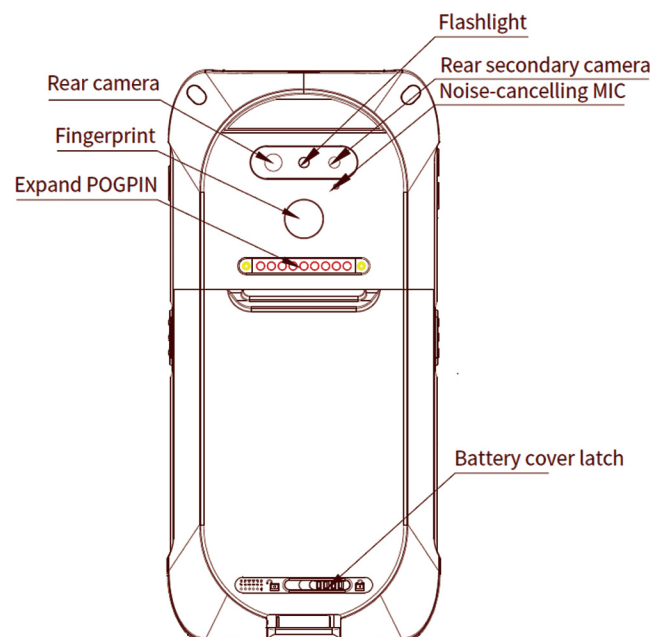


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Product view



Installation and Charging

Removal and installation of batteries

Attention: Before disassembling the battery, it is necessary to turn off the device and remove the external power supply. It is absolutely prohibited to directly remove the battery while it is turned on, otherwise it may damage the device.

Charging the battery

Plug the charger into the power supply, and then plug the charger's interface into the device's DC socket.
Attention: Please operate with caution and do not forcefully unplug the charging interface, as this may damage the device or charger.
The battery that comes with your device must be fully charged before use. Do not remove the battery while charging. If the battery runs out of charge, the device will automatically shut down.

Installation and removal of storage cards

1. Installation of storage card

Please follow the following steps for installation: Remove the battery back cover and battery, and insert them in the direction of the slot;

2. Removing a storage card

Please follow the following steps for disassembly: remove the battery back cover and battery, and then unplug the storage card;
Attention: Before uninstalling the storage card, please shut down the device first, otherwise it may cause the loss of files transmitted to the device or cause abnormal phenomena on the device, which may prevent it from working properly.

How to turn on and off

After ensuring that the battery is installed, turn on the computer and press and hold the power button until the screen shows the power on screen.

Optional Function Guide

One-dimensional bar code

See the built-in demo. If you need secondary development, contact technical support engineers.
The one-dimensional code can scan all barcodes in the national standard, but please pay attention to the clarity of the barcode; Do not point the laser at people's eyes, it will cause eye damage.

Two-dimensional bar code

See the built-in demo. If you need secondary development, contact technical support engineers. The QR code can scan all barcodes in the national standard, but please pay attention to the clarity of the barcode.

High frequency (13.56M)

See the built-in demo. If you need secondary development, contact technical support engineers.

Ultra-high frequency (915M)

See the built-in demo. If you need secondary development, contact technical support engineers. UHF reading distance is about 3 meters.

Thanks for Using Dorland Industrial Intrinsically Safe Handheld Terminal.

4

5

6

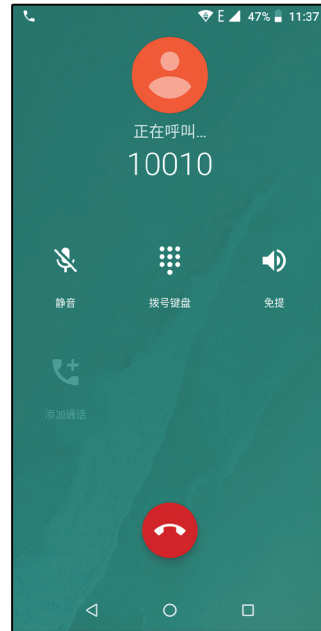
Dialing pad

In standby mode, clicking the phone icon enters dialing pad. Clicking the top of the dial pad to hide the interface and you can view the contact numbers of call log easily. You can also click the right top of the address book to find the contact number you want to call, or enter the phone number directly in the dial pad. And then click the phone icon to dial out.



7

In standby mode, click on the phone icon on the screen to enter the dialing pad, and click digits to enter phone number. If you input a wrong digit, click on the remove icon on the dialing pad. To end or cancel dialing, click on the hang up icon to hang up the call.



8

Using the touch screen

1. Click function: You can select an icon or option by using click function. Such as click phone icon to open the dialing pad on the main screen.
2. Click twice continuously: zoom in and out function. For example, when viewing a picture or web page, you can click twice continuously to enlarge or shrink the picture.
3. Long press function: You can long press the current user interface, icon or input fields for more operating options. For example: Long press an icon in the main menu, the icon will be moved to the home screen; Long press the home screen space, the wallpaper can be changed.

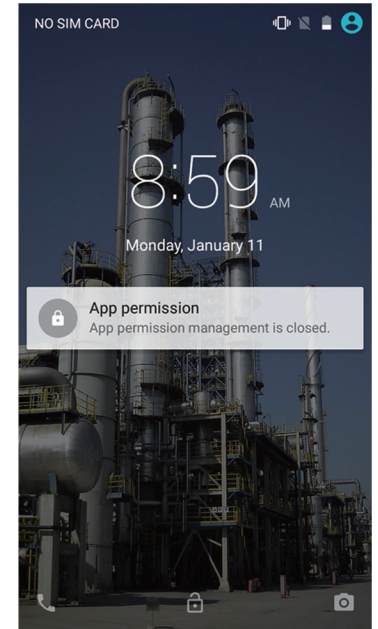
Android Tips

1. Screen Snapshots: If you want to capture a snapshot of the screen by a shortcut, please try to push the power key and the volume—button at the same time until you hear a click sound. After the operation is completed the image will be found in the phone gallery.
2. The power saving secrets of Android phones:
Turn off the unnecessary software process: long press HOME button, select the icon and slide left until it disappears;
Turn down screen brightness: If you always use your phone, you can turn down the brightness a bit, so you can extend the battery standby time;
Some settings (such as WLAN, GPS, and network data) can be turned off if not required. These functions will consume power if turned on.

9

Lock/Unlock

When the phone is locked, the interface will be closed and it will enter into sleep mode. In this way, you can avoid touching the screen unintentionally, and can conserve power. When you do not use the phone, please press power key to lock it. If you have set locking screen time, the phone will lock itself automatically when the time is up. Press power key to evoke the phone. Slide screen upwards to unlock.

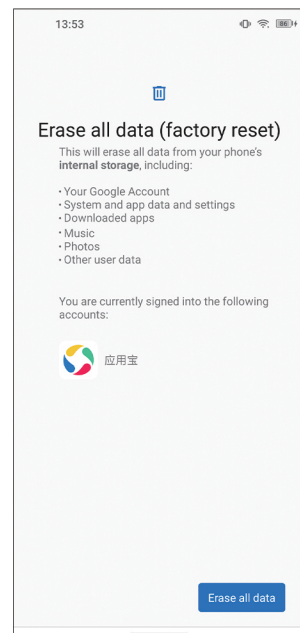


10

Reset

You must be careful to do this step, because resetting the phone will erase all data, including downloaded and installed applications. Reset will restore the phone to its factory defaults.

On the main menu, click on "Settings>System>Reset Options>Erase all data (Factory Reset)>Reset Phone" and the phone will automatically turn off and restart.



11

Precautions

- Keep the phone far away from magnetic equipment, its radiation may erase the information stored on magnetic devices.
- Do not place this phone, battery and charger in containers with strong magnetic field, such as induction cooker and microwave oven, which may cause circuit failure, fire, or explosion.
- Do not place this phone, battery and charger in too high or too low temperature zone, which may cause the product, battery and charger failure, fire or explosion.
- When charging, the battery should be maintained at an ambient temperature between 0 °C and 40 °C. The temperature of battery storage environment should be maintained between -20 °C and 60 °C. If the battery is in hot or cold areas, the battery capacity and life may be reduced. When the temperature is below 0 °C, battery performance is particularly limited.
- When the phone is close to ears, do not turn it on or off, that is bad to your health.
- To comply with the provisions of RF leakage, when you wear the phone or use its data function, please keep its antenna away from your body at least 1 inch (2.5cm).
- The phone's signal interference may influence the adjacent TV, radio or computer.
- Please comply with RF radiation international norms, please use the designated product accessories.
- When using this phone, please comply with the relevant laws and regulations, and respect others' privacy and legal rights.

12

Before cleaning and maintenance, please turn it off. If it is still connected to the charger, you should unplug the charger from the power outlet, and disconnect charger and phone to avoid electric shock, short-circuit of battery or charger.

- Do not disassemble the phone. Only authorized institutions are allowed to repair this product.

Safety warning

- Please turn it off before the phone is close high-precision control electronic equipment, or it may cause electronic equipment failure.
- Equipments will be influenced by the phone include: audiphones, pacemakers, fire alarms, automatic doors and other automatic control equipments. Users who are using electronic medical auxiliary equipment should confirm whether the radio wave will influence it or not with service center of the equipment.
- Pacemaker manufacturers recommend that the distance between the phone and a pacemaker should be kept at least 15 cm to avoid potential interference. Please do not carry the phone in your breast pocket; Please use the different side ear with pacemaker to answer calls to minimize the potential interference.
- Please do not bring the phone into the operating room, intensive care unit (ICU) or coronary care unit (CCU).
- In medical facilities where using mobile phones is prohibitive, please follow their instructions and regulations.
- Please pay attention to tone, volume, vibrate settings of the phone, so as not to influence heart disease patients.
- In inflammable and explosive areas, do not remove, install or charge the battery, so as not to cause explosion or fire.

13



Enterprise Website

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14