Dorland Industrial Intrinsically Safe Smartphone

Quick Guide



Xtalki08_5G

5G + DMR

Safety Instructions

Ordinary mobile phones 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 Smartphone Xtalki08_5G 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

Explosion-proof grade: Ex ib IIC T4 Gb / Ex ibD 21 T130℃

Certification No.: CCRI 22.2217

Protection grade: IP68

Safety Warning

Safety performance of Industrial Intrinsically Safe Smartphone Xtalki08_5G 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 Smartphone Xtalki08_5G base the users obey the following rules.

a) The battery for Xtalki08_5G 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 Xtalki08_5G is Ex Battery 057 5200mAh explosion-proof polymer battery.

b) Please use the original charger when recharge battery, and make sure in the safe areas. The maximum charge voltage is 4.4V.

c) Don't replace battery for Xtalki08_5G in explosion hazardous areas.

d) Xtalki08_5G can not be used in explosion danger zone 0.

e) Don't use headset, data cable plug devices in the explosion hazardous areas.

f) Don't use the flash function in explosion hazardous areas.

g) Don't use the vibration function of the phone in explosion hazard areas.

h) Please keep away the high-temperature region when using Xtalki08_5G.

Failure and damage processing

If Xtalki08_5G 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 Xtalki08_5G 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





Thanks for Using Dorland Industrial Intrinsically Safe Smartphone.

Product view



Please be familiar with the interface and keys of the product before use

• power on: long press the power button for about 2 seconds until the equipment vibrates and the screen lights up.

• shut down: long press the power key, and click shut down in the pop-up option on the right.

• restart: long press the power key and click restart in the pop-up option on the right.

• forced restart: if the phone locks abnormally, press and hold the power key or reset key for 13 seconds to restart the phone.

Card insert description

Remove the back cover and insert the standard micro SIM card in the direction indicated by the notch. Inserting a non-standard card may damage the card holder or the device may not recognize the SIM card.

• if the SIM card you use does not match the device, please contact the operator for handling.

Installation of hard intercom antenna

Rotate and install the hard intercom antenna to the antenna interface at the upper right corner, and tighten it.

• 5g intercom instructions

1. open the individual intercom software.
2. enter the corresponding account password, server address and port.
3. in settings - > intercom settings, confirm that the transmit noise reduction switch, transmit gain switch, receive noise reduction switch and receive gain switch have been turned off.
4. when the status is idle, you can click the white button in the center or the PTT button on the left side of the equipment to conduct intercom transmission.
5. when sending is used when others' words are occupied, there will be a short busy prompt tone. In this case, it cannot be sent normally.



• Instructions for hard intercom

1. Before using hard intercom, the intercom antenna must be installed first, otherwise the service distance and service life of the intercom module will be affected.
2. Open the hardware intercom softwar ,and you will be prompted to initialize after entering.



1. Before using hard intercom, the intercom antenna must be installed first, otherwise the service distance and service life of the intercom module will be affected.
2. Open the hardware intercom software, and you will be prompted to initialize after entering.

3. Main parameter settings. Hard intercom parameters can be set at three points in the upper right corner. Including volume, noise level, parameter settings, etc., as shown in the right figure.





Volume setting: adjust the volume at the receiving end. Click OK to save the changes, as shown in the above figure.

Noise level setting: in case of serious interference, the noise level can be increased to avoid interference. Click OK to save the changes, as shown in the right figure.



Working parameter settings, including power level, transceiver frequency, call type, etc. call type function needs to be improved. The Apply button saves the changes. Use the default button to restore the default parameters, as shown in the right figure.



Exit, you can close and exit the application directly. Use the back key ◀ to quickly exit the intercom application.

4. if you need to use the intercom in the background for a long time, please press the home key ● to enter the desktop!



5. To send intercom, you can click the round button in the center of the screen or the hard intercom button on the right side of the device to send intercom. You can speak after you hear a drop.

6. Receive other people's intercom information. In idle mode, you can receive other people's voice.

7. The busy channel is locked. When other users occupy the channel or there is signal interference on the channel, press the hard intercom button, and the equipment will give a beep prompt tone. In this case, intercom cannot be carried out. To stop the beep, release the hard talk button. When the channel is idle, press the hard intercom key again.

Telephone

Direct call

1. On the home screen, touch the phone icon to display the dialing keyboard.

2. Touch the number button to enter the phone number, and then click the icon to make a call.

Make a call from a contact

In the "phone" icon, touch "contact" to select the person to call, and tap the name to make a call

Note:

If you have inserted two SIM cards into the phone, two call icons will be displayed on the dialing interface. Select Sim1 or sim2 to make a call.

Reject a call by sending a message

When it is not convenient for you to answer a call, you can send a message to refuse to answer it. 1. In the call interface, drag the information icon

2. Click one of the senders and the phone will be cut off.

Add contacts

1. In the phone icon, touch contact - new contact

2. Fill in the new contact information and save it.

Manage applications

Settings - application. Clicking on any application to view information can also force the application to stop working or uninstall it.

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.

Lock/Unlock

Lock screen

Press the power key to lock the screen. The screen will automatically lock when it is not in use for a period of time. Unlock screen

1. Press the power button to light up the screen

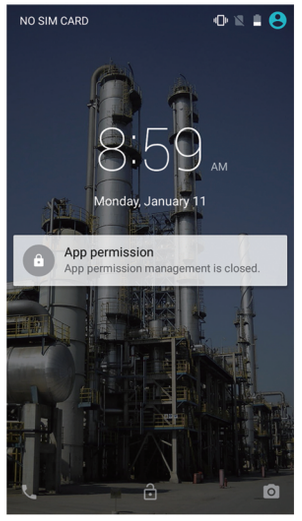
2. Slide up from the bottom of the screen to unlock the screen.

Change the screen lock

1. On the home screen, select Settings > Security and privacy > screen lock

2. Select the screen locking method. Notification panel

The notification icon reports new messages, calendar events, alerts, etc. in the status bar. You can open data connection, WLAN, Bluetooth, etc.



Reset

Restore factory settings

You have to be careful with this step, because resetting the product will remove all assets

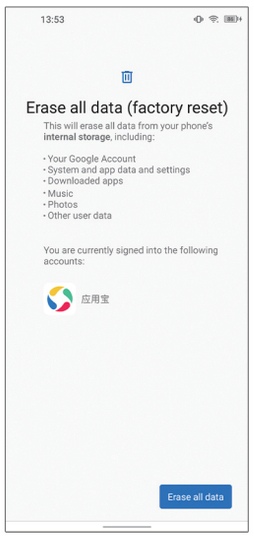
Material, including downloaded and installed applications. Reset will restore the product

To the initial state of the factory.

On the main menu interface, click Settings > system > Reset Options > clear all data

According to (restore factory settings) > clear all data > the phone will automatically shut down and reset

Enlightenment



Precautions

● Please keep the product away from the magnetic equipment. The radiation of the product may erase the information stored on the magnetic equipment.

● Please do not place the product, battery and charger in appliances with strong electromagnetic field, such as induction cooker and microwave oven, otherwise it may cause circuit failure, fire or explosion.

● Do not place the product, battery and charger in high temperature area or low temperature area, otherwise it may cause the product, battery and charger failure, fire or explosion.

● When charging the battery, try to keep the ambient temperature between 0 ℃ and 40 ℃. The working temperature of the battery is kept between - 20 ℃ and 60 ℃. If the battery is placed in an overheated or supercooled area, the capacity and service life of the battery may be reduced. When the temperature is lower than 0 ℃, the performance of the battery is especially limited.

● When the product touches the ear, please do not turn it on or off, so as not to affect human health.

● In order to comply with the RF leakage regulations, when you wear the product or use its data function, please keep the distance between the antenna and your body at least 1 inch (2.5cm).

● The signal interference of the product may affect the adjacent TV, radio or computer.

● Please comply with the international specification of RF radiation and use the product accessories specified by our company.

● When using this product, please abide by the relevant laws and regulations, and respect the privacy and legitimate rights of others.

● 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 anwser 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.

Enterprise Website

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