Beijing Dorland
System Control
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DORLAND Industrial Intrinsically Safe 5G+DMR Smartphone Xtalki06_5G

Beijing DORLAND System Control Technology Co., Ltd. recently industrial intrinsically safe 5G+DMR smartphone Xtalki06_5G, using 5G advanced technology, intrinsically safe circuit design, aggressive appearance, strong body. The mobile phone adopts a 6" capacitive touch screen, with a rear 48MP & front 16MP. Its waterproof and dust-proof performance reaches the international IP68 standard. In addition, it supports fingerprint one key unlocking, Bluetooth, WiFi and other functions to meet the reading and writing requirements of various scenes. We have also configured GPS+ GLONASS+ Beidou+Galileo positioning and other functions suitable for outdoor construction and pipeline inspection, which can cooperate with OA office system, patrol positioning system, data acquisition system and other applications. It is especially suitable for hazardous explosion environment, such as petroleum, chemical, pharmaceutical, oil depot, tank farm and other dangerous places with combustible and explosive gas, which is convenient for users to communicate with production and scheduling in time.



Protection Grade： IP68
Marking： Ex ib IIC T4 Gb / Ex ibD 21 T130°C
Certificate No.： CCRI 22.2214

OS: Android 11.0
Screen: 6 inch, capacitive touch screen
Memory: 6GB(RAM)+128GB(ROM)
CPU: MT6873 Octanuclear 2.0 GHz
Cameras: 48M(Rear) 16MP(Front)
Battery: 8000mAh Battery voltage: 3.8V
Standby / Talk time: 800h / 52h

Frequency:

GSM:B2,B3,B5,B8,BC0 WCDMA:B1,B2,B5,B8
TDSWCDMA:B34 B39
EVDO,FDD:1/2/3/4/5/7/8/12/17/18/19/20/26/28
TDD:B34,B38,B39,B40,B41
TD-LTE:B38C/B39C/B40C/B41C/B39A+B41A/B3A+B41A
LTE FDD:B1C/B2C/B3C/B7C/B1A+B3A/B1A+B3C
5G NR:n1/n3/n28/n41/n77/n78/n79
EN-DC: B1-n78,B3-n78,B5-n78, B8-n78,B1A+B3A-n78, B3C-n78, B3C+B1A-n78B3-n41, B39-n41, B3-n79, B39-n79

Dimension: 175.5*79.4*20.4 mm

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Weight (with battery): 390g

Fingerprint ID: fingerprint unlocking

PPT key: yes

USB: Type C

GPS: GLONASS, BEIDOU, Galileo



Authentication parameters	Description
Authentication parameters	Ex ib IIC T4 Gb / Ex ibD 21 T130°C
	CCRI 22.2214
	IP68
Hardware configuration	**Description**
All Netcom	Yes (5G+DMR)
Product features	1. dual mode 5G all Netcom + DMR 2. full network coverage of the three major operators 3. support antenna removal 4. super large 8000 Ma battery, fast charging 5. it has a high level of dust, water, fall and anti-collision (IP68) 6. emergency strong light flashlight 7. SOS one click for help 8. intelligent noise reduction to ensure clear communication 9. built in quick operation guide
Other standard accessories	Charging head, data cable, instruction manual
Network support	DMR, EVDO, WCDMA, TD-SCDMA, FDD-LTE, TD-LTE, CDMA1X, GSM, 5G NR, WIFI
Network frequency band	GSM:B2,B3,B5,B8,BC0 WCDMA:B1,B2,B5,B8 TDSWCDMAB34 B39 EVDO,FDD:1/2/3/4/5/7/8/12/17/18/19/20/26/28 TDD:B34,B38,B39,B40,B41 TD-LTE:B38C/B39C/B40C/B41C/B39A+B41A/B3A+B41A LTE FDD:B1C/B2C/B3C/B7C/B1A+B3A/B1A+B3C 5G NR:n1/n3/n28/n41/n77/n78/n79 EN-DCB1-n78；B3-n78；B5-n78；B8-n78；B1A+B3A-n78；B3C-n78；B3C+B1A-n78；B3-n41；B39-n41；B3-n79；B39-n79
Ground card specification	4FF
CPU	MT6873 Octanuclear 2.0 GHz
Operating system	Android 11.0
Appearance type	Straight plate
Antenna style	External
Antenna size	diameter Φ 13.4*107.6mm (including adapter)
Product size	175.5 x 79.4 x 20.4 mm
Product weight	390g
USB interface	TYPE-C
USB transfer efficiency	USB 2.0 HS
headphone jack	3.5mm earphone

Main screen size	6 inches
Main screen touch screen type	Capacitive touch screen
Rear camera pixels	48million pixels
Front camera pixels	16million pixels
RAM	6G
ROM	128G
Extended memory	1 T(Maximum support)
Fingerprint identification	support
Multilingual	support
sensor	Light sensor, magnetic sensor, gyroscope, gravity sensor, step sensor, distance sensor, barometer
Navigation support	Beidou / GPS / GLONASS / Galileo four in one rapid positioning and navigation
OTG	support
Bluetooth wireless communication	support
WLAN (wifi/wapi)	WIFI
Battery type	Polymer battery
Battery capacity	8000mah, 3.8V
Public network standby time	Standby time ≥ 800 hours Talk duration ≥ 52 hours
Online air upgrade	support
Flashlight	Emergency strong light flashlight
noise reduction	With intelligent noise reduction function
Optional support (batch)	Satcom
Satellite standby time	Satellite network access standby time ⩾ 170 hours Satellite call duration ⩾ 10 hours
Satellite voice	1.2/2.4/4.0kbps
satellite data	1.2-9.6kbps

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CCRITC

CNAS 中国认可 检测 TESTING CNAS L0738

170021131268

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

Certificate No.: CCRI 22.2214

Company:	Beijing Dorland System Control Tech Co., Ltd.
Address:	Room 1107,Tower B,Tsinghua Tongfang Technology Square,No.1 Wangzhuang Road,Haidian District,Beijing,P.R.China
Name of Product:	Industrial Intrinsically Safe 5G Smartphone
Type of Product:	Xtalki06_5G
Marking:	Ex ib IIC T4 Gb / Ex ibD 21 T130°C
Technical Documents:	Q/DLM 006-2021
Drawing No.:	Xtalki06_5G BZ01
Note(s):	1.The rated voltage is DC 3.8V, Powered by a dual-protected polymer lithium-ion battery,Battery cell model:125678 , Nominal capacity: 8000mAh; 2.Ambient temperature range:-20°C≤Ta≤+60°C;IP code:IP68@1.5m，30min; 3. Do not charge in hazardous locations;

By verifying the drawings and technical documents and checking samples,the product complies with the following standards currently valid in P.R.China:

GB 3836.1-2010, GB 3836.4-2010, GB/T 4208-2017, GB 12476.1-2013, GB 12476.4-2010

Date of Issue: 22.03.2022

Valid till: 21.03.2027

Authorize:

China Coal Research Institute Testing Center

(The test center of the national safety production of mining equipment and mining oil in Beijing)

Note: This certificate is only valid for the products that are in accord with samples tested and verified.
Center Add: No.5 Qingniangou Road,Hepingli,Beijing,100013 Tel/fax: 010-89268018
The query url of Explosion-proof Certificate: http://www.ccritc.com.cn/Home