

Dorland Industrial Intrinsically Safe Smartphone Xtalki60

The intrinsically safe industrial smartphone Xtalki60, newly released by Dorland System Control Technology Co. Ltd., adopting advanced technology, designed with intrinsically safe circuit, rugged and solid body. 5.0" IPS screen, Gorilla glass; 16.0MP rear + 8.0MP front cameras; protection grade IP68. Rear fingerprint unlock function; In addition, this intercom mobile phone DMR digital analog combo, supports all voice and data services defined by the standard, as well as various encryption methods, high power 2W, low power 1W, standard NFC meeting read & write demands of various circumstances; built-in Beidou GPS and other functions suitable for outdoor construction and pipeline inspection. It can cooperate with OA office system, checking positioning system and data acquisition system, etc, especially suitable for working in dangerous environment such as petroleum, chemical, pharmaceutical, oil depot, tank farm as well as the dangerous sites with combustible and explosive gas. It is convenient for users' timely production dispatching and communication.

Protection Grade: IP68

Explosive-proof Grade: Ex ib IIC T4 Gb / Ex ibD 21 T130°C

Certification No.: CCRI 19.2229

OS: Android 8.0

Screen: 5.0 inch FHD 1920*1080 IPS

Memory: 4GB+64GB

/ 6GB+64GB

/ 6GB+128GB DDR3

CPU: MTK octa-core 2.34GHz

Cameras: 16.0MP rear + 8.0 MP front

Battery: 6000mAh

Frequency:

4G: TDD_LTE: B38-39-40-41

FDD_LTE: B1-2-3-4-5-7-8-12-17-19-20

3G: WCDMA: B1-2-4-5-8;

TD-SCDMA: B34-39; CDMA/EVDO: BC0

2G: GSM: B2-3-5-8 CDMA: BC0



Beijing Dorland
System Control
Technology Co., Ltd.

Room1107, Tower B, Tsinghua
Tongfang Technology Square,
No.1 Wangzhuang Road,
Haidian District, Beijing, P.R.China

Tel: +86-10-62198496
Fax: +86 010 62985217

www.dorland-tech.com
tian@dorland.com.cn

DORLAND
www.dorland-tech.com

Dimension: 155*80*19mm

Weight: 298g

Standby / Call time: 180hours / 8hours

Bluetooth: 4.1

WIFI: WiFi 2.4GHz/5.0GHz

NFC: yes

Storage Card: up to 256G

OTG: yes

Sensors: magnetic/barometer/proximity/gravity/light/gyro

FM: yes

Fingerprint Identification: yes

USB: Type C 2.0

Noise Cancelling: yes

GPS: GPS+BEIDOU

Intercom: digital + simulation 2 in 1

Intercom Frequency: 400-480MHz (UHF)

Intercom Power: Max. 2W, Min. 1W

Frequency Interval: 12.5KHz

High receiving sensitivity: $\leq -121\text{dBm}$

Transmission Distance: Max. 9 km in open field without obstacle

Speaker: 2W Smart Pa

Digital Intercom

Protocol: DMR

Voice Coder: AMBE3000

Calling Type: group/individual/all/semiduplex

Calling Alert: yes

Intercom Recording: yes

Text Communication: yes

Relay Station: pro dual time-slot relay station

CTCSS: yes

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www.dorland-tech.com
tian@dorland.com.cn

DORLAND
www.dorland-tech.com



ADD: Room1107, Tower B, Tsinghua Tongfang Technology Square, No.1 Wangzhuang Road, Haidian District, Beijing, P.R.China.

 170021131268		中国认可 检测 TESTING CNAS L0738
 CONFORMITY CERTIFICATE OF EXPLOSION-PROOF		
Certificate No.: CCRI 19.2229		
Company:	Beijing Dorland System Control Tech Co.,Ltd.	
Address:	Room 11B5,Huajie Plaza Dazhongsi Street,Haidian District, Beijing 100098,P.R.China	
Name of Product:	Industrial Intrinsically Safe Smartphone	
Type of Product:	Xtalki60	
Marking:	Ex ib II C T4 Gb / Ex ibD 21 T130°C	
Technical Documents:	Q/DLM 007-2019	
Drawing No.:	Xtalki60 BZ01	
Note(s):	1. Power supply by dual protection rechargeable lithiumion battery with rated voltage 3.7VDC,6000mAh; 2. IP code:IP68@2m/30min.	
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 12476.1-2013, GB 12476.4-2010, GB/T 4208-2017		
Date of Issue:	8.16.2019	
Valid till:	8.15.2024	
Authorize:	 	
China Coal Research Institute Testing Center		
(The test center of the national safety production of mining equipment and mining oil in Beijing)		
<small>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</small>		