Beijing Dorland System Control Technology Co., Ltd.
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DORLAND
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Dorland Industrial Intrinsically Safe Smartphone iron8

Developed by Beijing Dorland System Control Technology Co., LTD., the industrial intrinsically safe smartphone iron8 adopted advanced technology with intrinsically safe circuit, 5.5" touch screen and 5.0 Megapixel (Front Camera) 13.0 Megapixel (Main Camera) camera. Its waterproof and dustproof performance can meet the IP68 standards; Support hard intercom and underwater shooting. In addition, built-in GPS, elevation measurement, compass, and other functions suitable for outdoor construction and pipeline inspection. iron8 can also cooperate with OA office system, checking positioning system and data acquisition system etc.. Especially iron8 is used in dangerous environment of the explosion, 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 to dispatch communicate timely.

Explosive-proof grade：Ex ib IIC T4 Gb
Protection grade：IP68
Certification No.:CCRI 18.2134



Software OS: Android 7.0
Platform: 8 Core 1.5 GHz+1GHz
LCD: 5.5" 1080p
Memory:64G ROM+4GB RAM
Battery capacity:8000mAh
Frequency: GSM:B8/B3/B2/B5
WCDMA:B1/B8
TD-SCDMA:B34/B39
C2K：BC0
TDD-LTE:B38/B39/B40/B41
FDD-LTE:B1/B3
Main camera:16MP
Front camera:5MP
Talking time:50h
Standby time:1500h
Size: 168.8*86.5*15.9mm
GPS：A-GPS, Beidou
Bluetooth: Bluetooth 4.0
WiFi: Yes
NFC：Yes
GPS：Yes
OTG：Yes·
Sensors: Gravity / Proximity Sensing / Ambient Light Sensing
Gyro / Geomagnetic / Hall: Support

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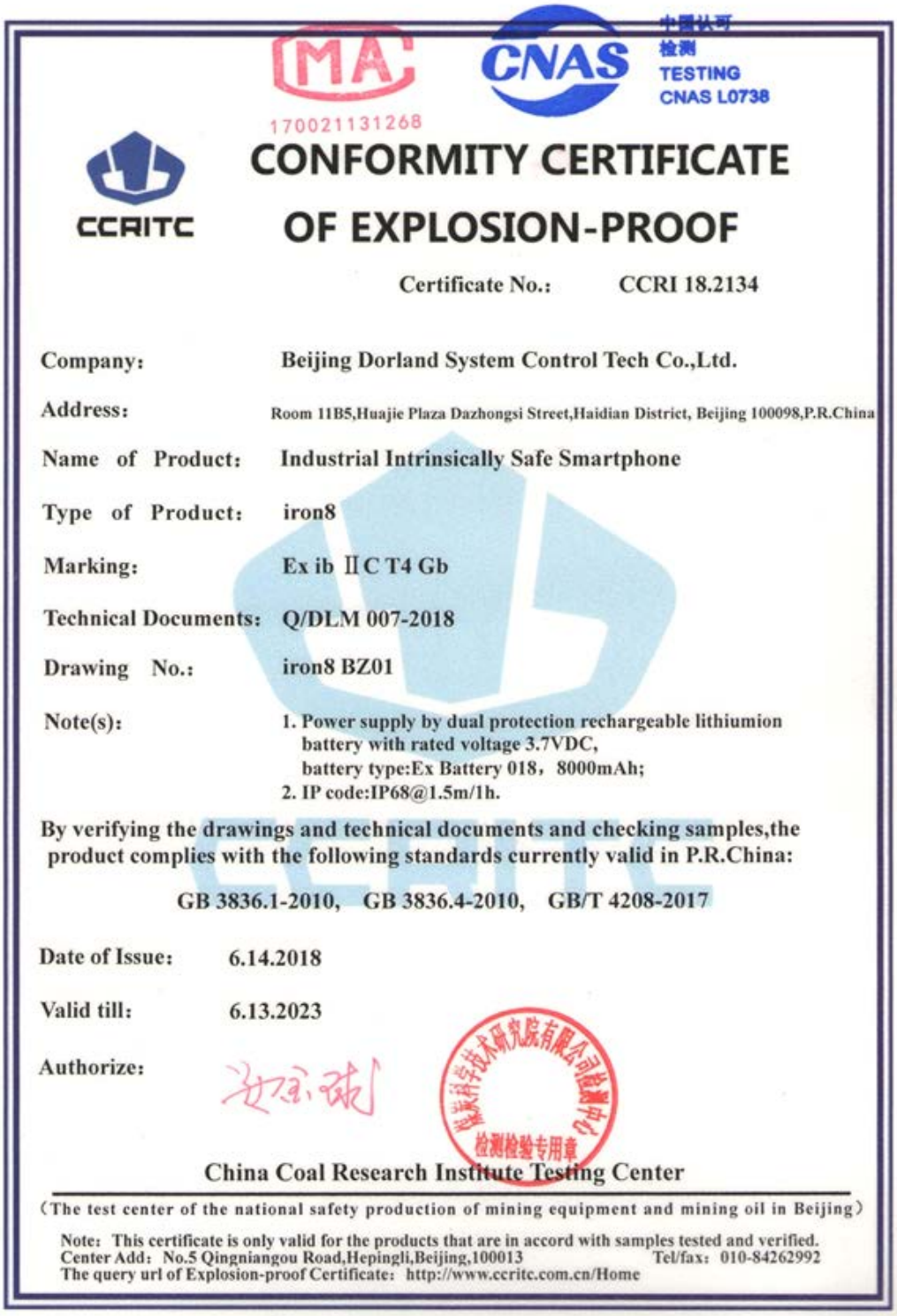
Audio Jack:3.5mm Audio Jack for Audio

Standard accessories: USB data cable, charger, operating manual



iron8
德兰防爆智能手机



CNAS 中国认可 检测 TESTING CNAS L0738

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CCRITC

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

Certificate No.: CCRI 18.2134

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:	iron8
Marking:	Ex ib ⅡC T4 Gb
Technical Documents:	Q/DLM 007-2018
Drawing No.:	iron8 BZ01
Note(s):	1. Power supply by dual protection rechargeable lithiumion battery with rated voltage 3.7VDC, battery type:Ex Battery 018，8000mAh; 2. IP code:IP68@1.5m/1h.

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

Date of Issue: 6.14.2018

Valid till: 6.13.2023

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: 010-84262992
The query url of Explosion-proof Certificate: http://www.ccritc.com.cn/Home