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.cn
tian@dorland.com.cn

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www.dorland-tech.cn

DORLAND Industrial Intrinsically Safe Smart PDA Ex PDA 600i

Beijing Dorland System Control Technology Co., Ltd. recently launched industrial intrinsically safe PDA Ex PDA 600i, which adopts advanced technology and intrinsically safe circuit design, with domineering appearance and solid body. The PDA can be flexibly equipped with 1D / 2D barcode scanning, RFID and other functions, which fully realizes the highly integrated and freely optional characteristics of the handheld terminal, and can realize the simultaneous configuration of barcode, UHF and HF, especially suitable for the harsh environment of dangerous explosion, such as petroleum, chemical, pharmaceutical, oil depot, etc Tank farm and other dangerous places with combustible and explosive gas are convenient for users to communicate with production and dispatching in time.



Protection Grade：IP65

Marking：Ex ib IIC T4 Gb / Ex ibD 21 T130°C

Certificate No.：CCRI 20.2572X

OS: Android 10.0

Screen: 5.5” Capacitive touch screen 1440*720

Memory: 16GB ROM+2GB RAM(optional)
/64GB ROM+4GB RAM

Storage Card: up to 256G Micro T card

CPU: Arm Cortex-A73 Qualcomm 8-core 2.0GHz

Cameras: (rear) 13MP With flash and auto focus function
(front) 5MP(optional)

GPS: GPS(AGPS), GLONASS, BEIDOU, Error range 5m±

Battery: 9000mAh

Frequency:2G：GSM/GRPS/Edge（850/900/1800/1900MHz）
3G：WCDMA（850/1900/2100MHz）
4G：TDD-LTE（B38/39/40/41） FDD-LTE（B1/2/3/4/7/17/20）

Dimension: 166(W)*79(D)*31±2mm(H)

Weight (with battery): 650g±

Bluetooth：Ver4.2 downward compatibility

WIFI: 2.4GB/5.0GB,Dual frequency

Operating temperature: 20 ℃ ～ +60 ℃

Storage temperature: 40 ℃ ～ +70 ℃

Standard accessories: battery (built-in), power adapter, data line, hand strap

Optional module:

Barcode acquisition / NFC / RFID (UHF / HF / LF) / fingerprint identification / ID card / handle



CCRITC

CNAS 中国认可 检测 TESTING CNAS L0738

170021131268

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

Certificate No.: CCRI 20.2572X

Company: Beijing Dorland System Control Tech Co.,Ltd

Address: Room 807,Yingu Plaza, North 4th Ring West Road,Haidian District, Beijing 100080,P.R.China

Name of Product: Industrial Intrinsically Safe Smart PDA

Type of Product: Ex PDA 600i

Marking: Ex ib ⅡC T4 Gb / Ex ibD 21 T130℃

Technical Documents: Q/DLM 007-2020

Drawing No.: Ex PDA 600i-00

Note(s):
1.Power supply by dual protection rechargeable lithiumion battery with rated voltage 3.8VDC, nominal napacity:9000mAh;
2.Ambient temperature range:-20°C≤Ta≤+60°C;
3. IP code:IP65;
4.The suffix "X" means that an animal leather case must be worn when using the device.

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: 1.11.2021

Valid till: 1.10.2026

Authorize:

Test Center Of China Coal Research Institute（煤炭科学技术研究院有限公司检测中心）

（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