

Beijing Dorland  
System Control  
Technology Co., Ltd.

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## **Intrinsically Safe Industrial Explosion-proof Pad XPad\_07**

Developed by Beijing Dorland System Control Technology Co., LTD., the industrial explosion-proof Pad XPad\_07 adopted advanced technology of Germany with intrinsically safe circuit, 8.0" touch screen and 5.0 Megapixel (Front Camera) 16 Megapixel (Rear Camera with Auto Focus) camera. Its waterproof and dustproof performance can meet the IP67 standards; In addition, built-in GPS / Beidou Double Star satellite system, elevation measurement, compass, and other functions suitable for outdoor construction and pipeline inspection. XPad\_07 can also cooperate with OA office system, checking positioning system and data acquisition system etc.. Especially XPad\_07 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.

Protection grade: IP67

Explosive-proof grade: Ex ib IIC T4 Gb/ Ex ib IIIC T130°C Db

Certification No.: CCRI 23.2951X

Software platform:Android 10.0

Touch Lens:Capacitive Touch screen

LCD Parameter:TFT,8inch,800\*1280 resolution

Touchable hd large screen, visible with strong light

CPU: Qualcomm SDM 632

(4\* Kryo 250 Gold1.8GHz + 4\*Kryo 250 Silver 1.8GHz, BigCores)

Camera:1300M AF,5M (front)

Flash Light:Yes,back

Memory:4GB

User Memory:64GB

Storage Card:T-Flash

Network: GSM:850/900/1800/1900

EVDO: BC0

WCDMA: B1/B2/B5/B8

TD-SCDMA: B34/B39 TDDLTE:Band38/Band39/Band40/Band41

FDDLTE:Band1/Band2/Band3/band4/band5/Band7/band8/band17/band20/band28

Battery Capacity:8000mAh

Voice Call time:18Hours

Standby time:400 Hours

Dimensions:235\*146\*13mm

Weight:598g

Bluetooth:BT4.2

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WiFi: IEEE 802.11a/b/g/n/ac ,2.4GHz/5GHz

Fast Charge: QC3.0

NFC: Yes

G-Sensor: Yes

Gyroscope: Yes

Light Sensor: Yes

E-compass: Yes

GPS: uBlox GPS

GPS Antenna: PIFA

External GPS Antenna: Yes



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## Other accessories: optional

### 2D Scanner

Image Sensor	640X480 CMOS
illumination	Red light LED 625 ± 10n
Reading system	2D 1D



### UHF RFID

FCC (USA) 902MHz ~ 928MHz  
Europe 865MHz~867MHz  
Reading label No. per second >50  
Reading distance 1.5-2 Meter



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## LAN

USB 2.0 to 10/100M Fast Ethernet Controller  
USB2.0 to RMII, support H0mePNA and  
HomePlug PHY  
USB2.0 to reverse-RMII,supports glueless  
MAC-to-MAC connections



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## Battery Charger

Support A5502/A5505/A8001  
/A8002/A1001/A1002



## Metal Cradle (RAM/VESA75/VESA100)



## TypeC earphone



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## CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

Certificate No.: CCRI 23.2951X

**Applicant Company:** Beijing Dorland System Control Tech Co.,Ltd.  
**Address:** Room1107,Tower B,Tsinghua Tongfang Technology Square,No.1 Wangzhuang Road,Beijing,P.R.China  
**Name of Product:** Industrial Intrinsically Safe Tablet PC  
**Type of Product:** XPad\_07  
**Marking:** Ex ib II C T4 Gb/Ex ib III C T130°C Db  
**Technical Documents:** Q/DLM 001-2023  
**Drawing No.:** XPad\_07 ZZ01

**Note(s):**

- 1.Rated voltage DC 3.8V, power supply using lithium-ion battery with dual protection.
- 2.Operating temperature:  $-20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ .IP code: IP67.
- 3.The certificate suffix 'X' indicates that it is forbidden to use various cable interfaces in dangerous places, and it is forbidden to charge and replace batteries in dangerous places; When transmitting data or charging, it is necessary to use a special connection device with energy limiting measures that has been evaluated, and the precautions for use are detailed in the manual.
4. Association inspection report number: 202355535.

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

GB/T 3836.1-2021, GB/T 3836.4-2021, GB/T 4208-2017

**Date of Issue:** 9. 7. 2023

**Valid till:** 9. 6. 2028

**Authorize:**



**Coal Science (Beijing) Test Technology Co., Ltd.**

(Beijing Test Center of Mine Working Equipment and Mining Oils for National Safe Production)

Note: This certificate is only valid for the products that are in accord with samples tested and verified.

Address: Building 6, No.5, Yulong Street, Caiyu Town, Beijing Economic and Technological Development Area (Daxing), Beijing Tel/fax: 010-89268018

The query url of Explosion-proof Certificate: <http://www.ccrtec.com.cn/Home>

