Beijing Dorland
System Control
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DORLAND Industrial Intrinsically Safe 5G Tablet PC/Pad XPad_08

Developed by Beijing Dorland System Control Technology Co., LTD., the industrial explosion-proof Pad XPad_08 adopted advanced technology of Germany with intrinsically safe circuit, 8.0" touch screen and 8.0 Megapixel (Front Camera) 13 Megapixel (Rear Camera with Auto Focus) camera. Its waterproof and dustproof performance can meet the IP67 standards.

In addition, built-in GPS satellite system, elevation measurement, compass, and other functions suitable for outdoor construction and pipeline inspection. It can also cooperate with OA office system, checking positioning system and data acquisition system etc.. Especially it 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.

Marking: Ex ib IIC T4 Gb / Ex ib IIIC T130℃ Db

Certificate NO.: CCRI 23.7074X

IP Grade: IP67

OS: Android 13.0

Screen: 8 inch 1200*800/1920*1200

Memory: 8GB RAM + 128GB ROM

T card: support

CPU: Qualcomm QCM6490 1*A78 2.7GHz+3*A78 2.4GHz+4*A55 1.9GHz

Cameras: Front: 5.0MP + Rear: 13.0MP

Battery: 7000mAh

Frequency band:

EU:

5G-NR: N1/N3/N7/N8/N28/N38/N41/N77/N78/N79

LTE-FDD: B1/B2/B3/B5/B7/B8/B20/B26/B28

LTE-TDD: B38/B39/B40/B41 TD-WCDMA: B34/B39 WCDMA: B1/B3/B5/B8 GSM: B2/B3/B5/B8

US:

5G-NR: N2/N5/N12/N25/N30/N38/N41/N48/N66/N71/N77/N78

LTE-FDD: B2/B4/B5/B7/B12/B13/B14/B17/B25/B29/B30/B46/B66/B71

LTE-TDD: B38/B41/B42/B43/B48 WCDMA: B2/B4/B5 GSM: B2/B3/B5/B8

Dimension: 209*130*13.9mm

Weight: 530g

Bluetooth: BT5.2

WIFI: 802.11 a/b/g/n/ac/ax, 2.4GHz/5GHz, 2x2 MIMO

NFC: support

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GPS: U-blox M8Q, Support: GPS, Glonass



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Certificate parameters		
Certificate parameters	Ex-mark	Ex ib IIC T4 Gb / Ex ib IIIC T130℃ Db
	Certification No.	CCRI 23.7074X
	IP Grade	IP67
Hardware parameters		
Physical parameters	size	209*130*13.9mm
	weight	530g
Environmental parameters	drop	1.2m
	working temperature	-20℃~60℃
	Storage temperature	-30℃~70℃
Performance parameter	display screen	8" 1280x800/1920x1200 450nits
	touch screen	Support
	Touch Pen	Support
	processor	Qualcomm QCM6490 1*A78 2.7GHz+3*A78 2.4GHz+4*A55 1.9GHz
	system	Android 13.0
	RAM	8GB LPDDR4x/LPDDR5
	ROM	128GB/256GB UFS
	Posterior camera	13MP
	Foresight	8MP
	Battery capacity	7000 mAh
telecommunications	WIFI	802.11 a/b/g/n/ac/ax, 2.4GHz/5GHz, 2x2 MIMO
	network	EU: 5G-NR: 1/N3/N7/N8/N28/N38/N41/N77/N78/N79 LTE-FDD：B1/B2/B3/B5/B7/B8/B20/B26/B28 LTE-TDD：B38/B39/B40/B41 TD-WCDMA：B34/B39 WCDMA：B1/B3/B5/B8 GSM：B2/B3/B5/B8 US: 5G-NR：N2/N5/N12/N25/N30/N38/N41/N48/N66/N71/N77/N78 LTE-FDD：2/B4/B5/B7/B12/B13/B14/B17/B25/B29/B30/B46/B66/B71 LTE-TDD：B38/B41/B42/B43/B48 WCDMA：B2/B4/B5 GSM：B2/B3/B5/B8
	SIM card	Nano SIM*2

	T card	Support
	Bluetooth	BT 5.2
	USB	Type C *1, support Display Port USB2.0 *2 Type A
	NFC	Support
Hardware parameters	RGB	Support
	fingerprint	Support
	Gravity sensor	Support
	gyroscope	Support
	Light sensor	Support
	compass	Support
	shock	Support
	microphone	Support
	speaker	Support
Key & Interface	GPS	GPS/GLONASS/BeiDou, L1+L5 GPS（Enternal GNSS ANT）
	High-precision antenna	M8P/F9P
	scanning	Support
	Expand Interface	12PIN Back Pogopin，UART/USB/DCIN/GPIO 10PIN Bottom Pogopin，USB2.0/DCIN/GPIO
	Physical buttons	Power，Volume up/down, F1/2/3/4

CCRITC

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

Certificate No.: CCRI 23.7074X

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 Pad**
Type of Product:	**XPad_08**
Marking:	**Ex ib ⅡC T4 Gb/Ex ib ⅢC T130℃ Db**
Technical Documents:	**Q/DLM 002-2023**
Drawing No.:	**XPad_08 ZZ01**
Note(s):	**See attached sheet**

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: 11. 3. 2023

Valid till: 11. 2. 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.ccritc.com.cn/Home