DORLAND Industrial Intrinsically Safe Tablet Pad Ex Tablet09

DORLAND System Control Tech Co., Ltd. has recently launched the industrial intrinsically safe tablet PAD Ex Tablet09, which adopts advanced technology, intrinsically safe circuit design, domineering appearance, and sturdy body. This PAD adopts a 10.1-inch touch screen design, equipped with a front 16 million pixel camera and a rear 16 million pixel camera, and its waterproof and dustproof performance meets the international IP68 standard.

In addition, we have also equipped various outdoor construction and pipeline inspection functions such as GPS/Beidou/Glonass/Galileo within the PAD, which can be used in conjunction with OA office systems, inspection positioning systems, data acquisition systems, and other applications. Especially suitable for harsh environments with hazardous explosions, such as petroleum, chemical, pharmaceutical, oil depots, tank farms, and other hazardous areas with flammable and explosive gases, facilitating timely communication between users, production, and scheduling.

Ex-marking: Ex ib IIC T4 Gb / Ex ib IIIC T130℃ Db

Certificate No.: CCRI 23.2102X

IP Grade: IP68

OS: Android 14.0

CPU: Unisoc T606, Octa core, 2 * 1.6GHz Cortex-A75+6 * 1.6GHz Cortex-A55

Camera: Front 16MP, Rear 16MP, with flash and autofocus function

Screen: 10.1 inches, IPS high-definition screen, resolution 800 * 1280

Memory: 6GB RAM (RAM+additional 18GB expansion)+256GB ROM, optional 4GB RAM+128GB ROM

T-card: Supports up to 1TB expansion

Battery: 11000mAh/3.85V

Frequency band: GSM: B2/3/5/8

WCDMA：B1/B2/B4/B5/B8

TDD：B38/B40/B41

FDD：B1/B2/B3/B4/B5/B7/B8/B12/B17/B18/B19/B20/B25/B26/B28A/B28B/B66

GPS: GPS+Glonass+Beidou+Galileo

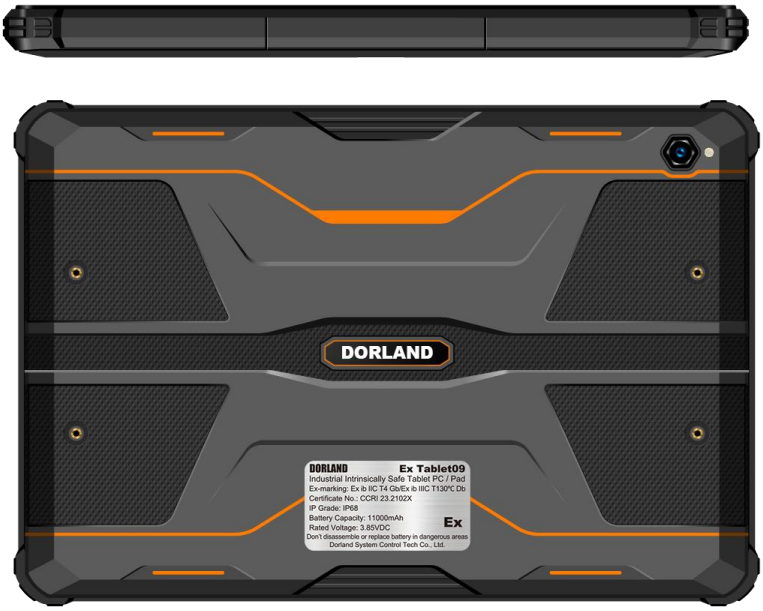
Wi-Fi: 802.11 a/b/g/n/ac（2.4G+5G)

Bluetooth: BT5.0

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Certificate parameters		Description
Certificate Parameters	Ex-marking	Ex ib IIC T4 Gb / Ex ib IIIC T130℃ Db
	Certificate No.	CCRI 23.2102X
	IP Grade	IP68
Product overview		**Description**
Product overview	Weight (g)	170*251.2*14.2mm
	Dimensions (mm)	850g
	OS	Android 14.0
Hardware configuration		**Description**
CPU & GPU	CPU model	Unisoc T606
	frequency	1.6 GHz
	Core Core Core	Octa-core
	Processor architecture	2*1.6GHz- Cortex-A75+6*1.6GHz-Cortex-A55
	Processor technology	12 nanometers
	GPU model	Mali G57
Memory	memory	6GB RAM (RAM+additional 18GB expansion)+256GB ROM Optional 4GB RAM+128GB ROM
	T-card expansion	1TB TF card
Screen	Size, technology	10.1 inch HD IPS
	resolution	800*1280
	refresh rate	60Hz
	Aspect Ratio	14.4 : 9
Camera	**Front 16MP**	
	Sensor	Samsung - S5K3P3SP
	Viewing angle	82.8°
	Rear 16MP	
	Sensor	Samsung- IMX398
	Viewing angle	77°
	Flashlight	Support
Battery	Capacity	11000mAh
	Voltage	3.85V
	Call duration	48 hours
	Standby time	1900 hours (without SIM card)
	Reverse charging	Support
Dual SIM & Network	Insertion mode	Nano+Nano / Nano+TF card
	Network standard	GSM+WCDMA+TDD+FDD
	Frequency band	GSM：B2/3/5/8 WCDMA：B1/B2/B4/B5/B8 TDD：B38/B40/B41 FDD：B1/B2/B3/B4/B5/B7/B8/B12/B17/B18/B19/B20/B25 /B26/B28A/B28B/B66

Function	**GPS**	GPS+Glonass+Beidou+Galileo
	FM	Support
	Wi-Fi	802.11 a/b/g/n/ac (2.4G+5G)
	Bluetooth	BT5.0
	Gravity sensor	Support
	Compass	Support
	OTG	Support
	Electricity meter	Support
Button	**Power button**	Support
	Volume button	Support
Interface	**Headphone jack**	Type-C
	Charging port	Type-C

CCRITC

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

Certificate No.: CCRI 23.2102X

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/Pad
Type of Product:	Ex Tablet09
Marking:	Ex ib ⅡC T4 Gb/Ex ib ⅢC T130℃ Db
Technical Documents:	Q/DLM 005-2022
Drawing No.:	Ex Tablet09 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: 2. 27. 2023

Valid till: 2. 26. 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

CCRITC

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF (APPENDIX)

Certificate No.: CCRI 23.2102X

1.Rated voltage DC 3.85V, power supply using lithium-ion battery with dual protection.
2.Operating temperature: -20℃≤Ta≤+60℃.IP code: IP68@1m，1h.
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: 202355061.

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