DORLAND Industrial Intrinsically Safe 5G Smartphone Aloha_5G PRO (Standard+)

DORLAND System Control Tech Co., Ltd. has launched the latest Industrial Intrinsically Safe 5G Smartphone Aloha_5G PRO, which adopts advanced 5G technology, intrinsically safe circuit design, powerful appearance, and sturdy body. This phone features a 6.88 "high-definition screen, rear triple camera 64MP main camera+8MP night vision+2MP macro, supports facial recognition, side fingerprint unlocking, and comes standard with NFC. Its waterproof and dustproof performance meets the international IP68 standard.

In addition, it supports Bluetooth, WIFI and other functions to meet the reading and writing needs of various scenarios. We have also configured GPS/Beidou/Galileo/Glonass positioning and other functions suitable for outdoor construction, pipeline inspection, etc. inside the phone, 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.

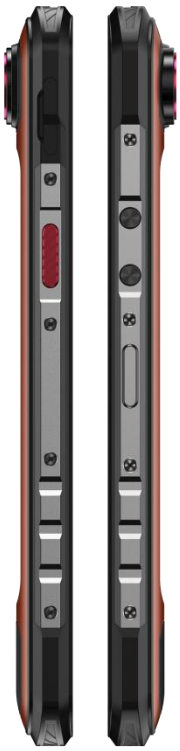
IP Grade: IP68
Ex-marking: Ex ib IIC T4 Gb/Ex ib IIIC T130 ℃ Db
Certificate No.: CCRI 25.7619X

OS: Android 16.0
CPU: MTK Dimensity 7025, 8-core
2*2.5 GHz-Cortex-A78 + 6*2.0 GHz-Cortex-A55
Screen: 6.88 inch HD+120Hz, 720 * 1640, 20.5:9
Memory: 12GB RAM (+Extended RAM: 24GB)
512GB ROM
Extended memory: 2TB T-flash card
Front camera: 32MP front facing camera
Rear camera: rear 64MP (main rear)+8MP (night vision)+2MP (macro)
Battery: 8000mAh, 3.85V
Frequency band: GSM: 2/3/5/8
WCDMA: 1/2/4/5/6/8/19
LTE-TDD: 34/38/39/40/41
LTE-FDD: 1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28AB/66/71
NR: N1/2/3/5/7/8/12/20/25/28/34/38/39/40/41/48/66/71/77/78
Bluetooth: Bluetooth 5.2
NFC: Supports
Unlocking method: fingerprint recognition+facial recognition
GPS: Beidou Galileo、Glonass、GPS

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Authentication parameters		Description
Authentication parameters	Ex-marking	Ex ib IIC T4 Gb/ Ex ib IIIC T130℃ Db
	Certificate No.	CCRI 25.7619X
	IP Grade	IP68
Product overview		**Description**
Product overview	Weight	309.5g (including battery)
	Dimensions (mm)	178.4*83.2*11.9mm
	OS	Android 16.0
Hardware configuration		**Description**
CPU	Model	MTK Dimensity 7025
	Feature	8-core 2*2.5 GHz - Cortex-A78 6*2.0 GHz - Cortex-A55
	Technology	6nm
GPU	GPU model	IMG BXM-8-256
Network	Network	GSM+WCDMA+TDD+FDD+NR
	Frequency	GSM: 2/3/5/8 WCDMA: 1/2/4/5/6/8/19 LTE-TDD: 34/38/39/40/41 LTE-FDD: 1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28AB/66/71 NR: N1/2/3/5/7/8/12/20/25/28/34/38/39/40/41/48/66/71/77/78
Storage	Memory	12GB RAM (+Extended RAM: 24GB) 512GB ROM
	SIM card type	Support Nano Sim card+Nano Sim card / Nano Sim card+TF card
	Memory card type	T-flash card
	Expanded memory	Up to 2TB
Front Camera 32MP		
Front camera	Sensor chip	Sony - IMX616
	Software function	Support facial unlock
Rear Camera 64MP(Main camera) +8MP(Night vision) +2MP(Macro)		
Main camera	Sensor chip	OV64B
	Pixel size	64MP
	Flash lamp	Support
Night vision camera	Sensor chip	Hi-846
	Pixel size	8MP
	Flash lamp	Infrared fill light
Macro camera	Sensor chip	GC02M1
	Pixel size	2MP
Display	Size & Technology	6.88inch HD+ 120Hz
	Resolving power	720*1640
	Screen aspect ratio	20.5:9

Transmission function	**Navigation**	Support, GPS+GLONASS+Beidou+Galileo
	FM	Support
	Wi-Fi	Support, 802.11 a/b/g/n/ac (2.4G+5G)
	Bluetooth	Support, BT5.2
	OTG	Support
	NFC	Support
Sensor	**Gravity sensor**	Support
	Distance sensor	Support
	Environmental light sensor	Support
	Compass (magnetic)	Support
	Gyroscope	Support
Fringeprint Unlock	**Face recognition**	Support
	Fingerprint	Side fingerprint recognition
Prot	**Earphone port**	Type-C to 3.5mm headphone jack
	Charger port	Type-c
Physical button	**Power button**	Support
	Volume button	Support
	SOS key	Support
	PTT key	Support
Battery	**Capacity**	8000mAh
	Voltage	3.85V
	Standby time	1025 hours
	Talk time	146 hours

CCRITC

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

Certificate No.: CCRI 25.7619X

Applicant Company: Beijing Dorland System Control Tech Co.,Ltd.

Production: Beijing Dorland System Control Tech Co.,Ltd.

Name of Product: Industrial Intrinsically Safe 5G Smartphone

Type of Product: Aloha_5G

Marking: Ex ib ⅡC T4 Gb/Ex ib ⅢC T130℃ Db

Technical Documents: Q/DLM 010-2025

Drawing No.: Aloha_5G ZZ01

Note(s): See attached sheet

By verifying the drawings, 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. 13. 2025

Valid till: 11. 12. 2030

Authorize:

CCRI (Beijing) Testing Technology Co., Ltd.

(Beijing Testing 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://jc.ccritc.com.cn

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF (APPENDIX)

Certificate No.: CCRI 25.7619X

1.Rated voltage DC 3.85V, powered by rechargeable lithium-ion battery packs with dual protection.

2.Operating environment temperature: -20℃≤Ta≤+60℃.

3.IP code:IP68@1.5m,30min.

4.The suffix "X" indicates that the use of various cable interfaces in hazardous areas is prohibited, and charging and replacing batteries in hazardous areas is prohibited; When conducting data transmission or charging, it is necessary to use specialized connection devices with energy limiting measures that have been evaluated. Please refer to the instructions for usage precautions.

5.Association inspection report number:2025550883.

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