Beijing Dorland System Control Technology Co., Ltd.
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DORLAND Industrial Intrinsically Safe 5G Smartphone

Aloha_5G

Beijing DORLAND System Control Technology Co., Ltd. recently industrial intrinsically safe 5G smartphone Aloha_5G, using 5g advanced technology, intrinsically safe circuit design, aggressive appearance, strong body. The mobile phone adopts a 6.67 "high-definition screen, with a rear four shot 48 + 13 + 2 + 2MP, and supports face recognition and standard NFC. Its waterproof and dust-proof performance reaches the international IP68 standard. In addition, it supports fingerprint one key unlocking, Bluetooth, WiFi and other functions to meet the reading and writing requirements of various scenes. We have also configured GPS+ GLONASS+ Beidou+Galileo positioning and other functions suitable for outdoor construction and pipeline inspection, which can cooperate with OA office system, patrol positioning system, data acquisition system and other applications. It is especially suitable for hazardous explosion environment, such as petroleum, chemical, pharmaceutical, oil depot, tank farm and other dangerous places with combustible and explosive gas, which is convenient for users to communicate with production and scheduling in time.

Protection Grade： IP68
Marking： Ex ib IIC T4 Gb / Ex ibD 21 T130°C
Certificate No.： CCRI 20.2573

OS: Android 10.0

Screen: 6.67inch, FHD+, 1080×2400

Memory: 8GB(RAM)+128GB(ROM)

CPU: MT6873_5G-A(天玑 800)Cortex A76 2.0GHZ*4+Cortex A55 2.0GHZ*4

Cameras: 48M(Sony)+13M(Ultra-Wide Angle)+2M(Macro)+2M(Depth)
16MP(Front)

Battery: 8000mAh Battery voltage: 3.85V

Standby / Talk time: 780h / 56h

Frequency:

2G:B2/3/5/8

3G:WCDMA：B1/2/4/5/6/8/19(with RXD) TDS：B34/39 CDMA：BC0/BC1/BC10(with RXD)

4G:FDD:B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28A/28B/66
TDD:B34/B38/B39/B40/B41

5G:N1/3/5/8/20/28/38/41/77/78/79

Dimension: 178*83.4*17.6mm

Weight (with battery): 380g

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NFC: yes

Fingerprint ID: fingerprint unlocking

Fast Charge: 18W

Custom key: yes

USB: Type C

GPS: GLONASS, BEIDOU, Galileo



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Authentication parameters		Description	Remarks
Authentication parameters	Marking	Ex ib IIC T4 Gb / Ex ibD 21 T130°C	
	Certificate No.	CCRI 20.2573	
	IP code	IP68	
Hardware configuration		**Description**	**Remarks**
OS		Android 10.0	
Dimensions	Size（L×W×Tmm）	178*83.4*17.6mm	
	weight	380g	
BBIC	Chipset	MT6873_5G-A(天玑 800)Cortex A76 2.0GHZ*4+Cortex A55 2.0GHZ*4	
Memory	Physical size	8GB（RAM）+128GB（ROM）	
	Memory card	No	
LCD	Size/Type/Light	6.67inch, FHD+, 1080×2400	
TP	CTP	Glass cover	koning glass
Camera	front	16M FF	S5K3P9_SP
	rear	48M(Sony)AF+13M(Ultra-Wide Angle)+2M(Macro)+2M(Depth)	MIX582 S5K3L6 O2M1 032A
Speaker	speaker	1	
Battery Capacity	Capacity	8000mAh	Standard (506179*2)
	Talk Time	56h	
	Standby Time	780h	
Bands	2G Network	B2/3/5/8	with RXD
	3G Network	WCDMA：B1/2/4/5/6/8/19(with RXD)，TDS：B34/39 CDMA：BC0/BC1/BC10(with RXD)	with RXD
	4G Network	FDD:B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28A/28B/66 (TDD)B34/B38/B39/B40/B41	Full netcom
	5G Network	5G:N1/3/5/8/20/28/38/41/77/78/79	
Functions	SIM	DUAL	double nano card
	Card slot	YES	
	GPRS	YES	

	EDGE	YES	
	Wifi	2.4G/5.0G	Dual WiFi
	Bluetooth	5.0	
	GPS	YES	GPS+GLONASS+Beidou+Galileo
	FM	YES	
	ATV	NO	
	G-SENSOR	YES	
	L-SENSOR	YES	
	P-SENSOR	YES	
	M-SENSOR	YES	
	Gyroscope sensor	YES	
	Hall	NO	
	RGB light	NO	
	NFC	YES	
	Fingerprint identification	YES	
	CAMERA FLASH	YES	
	OTG	YES	
	Fast charger	YES	9V2A Standard
	Function extension	YES	Support external strong light, magnetic charging, night vision device

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CCRITC

CNAS 中国认可 检测 TESTING CNAS L0738

170021131268

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

Certificate No.: CCRI 20.2573

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 5G Smartphone

Type of Product: Aloha_5G

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

Technical Documents: Q/DLM 008-2020

Drawing No.: Aloha_5G-00

Note(s):

1.Power supply by dual protection rechargeable lithiumion battery with rated voltage 3.8VDC, nominal napacity:8000mAh;
2.Ambient temperature range:-20°C≤Ta≤+60°C;
3. IP code:IP68 @1.5m,30min.

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: 12.17.2020

Valid till: 12.16.2025

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