Beijing Dorland
System Control
Technology Co., Ltd.

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DORLAND
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DORLAND Industrial Intrinsically Safe 5G Smartphone XTREK_5G

Beijing DORLAND System Control Technology Co., Ltd. recently industrial intrinsically safe 5G smartphone XTREK_5G, using 5g advanced technology, intrinsically safe circuit design, aggressive appearance, strong body. The mobile phone adopts a 6.517 " screen, with a rear 48+ 2 + 0.3MP, 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 22.2215



OS: Android R(11.0)

Screen: 6.517inch, IPS, 720(RGB)×1600

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

CPU: MT6833 8-core2*A76 2.2GHz 6*A55 2.0Ghz

Cameras: Front Camera: 8 million pixel
Rear Camera: 48M(main)+2M(Macro)
+30W(Secondary camera)

Battery: 16380mAh Battery voltage: 3.87V

Standby / Talk time: 1300h / 80h

Frequency: SUPPORT: EDGE/GPRS

GSM:B2/B3/B5/B8

CDMA:BC0/BC1/BC10(with RXD)

WCDMA:B1/B2/B4/B5/B8/B6/B19(with RXD)

FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18
/B19/B20/B25/B26/B28A/B28B/B66/

TDD:B34/B38/B39/B40/B41

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NR：n1/3/5/8/20/28/38/41/77/78/79

Dimension: 178.2*86.2*23.8mm

Weight (with battery): 485g

NFC: yes

Fingerprint ID: fingerprint unlocking

Custom key: yes

GPS: GLONASS, BEIDOU, Galileo





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Explosion proof parameters			
Authentication parameters	Marking	Ex ib IIC T4 Gb / Ex ibD 21 T130°C	
	Certificate No.	CCRI 22.2215	
	IP code	IP68	
Items		**Description**	**Remarks**
Product Overview	Color	Black	
	Dimension (mm)	178.2*86.2*23.8mm	
	Weight (g)	485g	
	Selling Points	6.517 inch HD+，8M front camera，48M main rearcamera, Battery 16380mAh, CPU(Dimensity 400)	
Configuration		**Description**	**Remarks**
CPU & GPU	Operating System	Android R（11.0）	
	CPU Model	MT6833	
	Core	8-core	
	Framework	2*A76 2.2GHz 6*A55 2.0Ghz	
	Technology	7nm	
	GPU Model	ARM G57 MC2Manhattan 3.0: 35fps	
Battery	Capacity	16380mAh	
	Material	Polymer	
	Voltage	3.87V	
	Standby time	1300H	
	Talk time	80H	
Storage	Memory Type	8GB+128GB uMCP(UFS2.1+LPDDR4X)	
	T-flash Card	Maximum support 2T	
Camera	Front Camera	8 million pixel	
	Rear Camera	48M(main)+2M(Macro)+30W(Secondary camera)	
	LED Flash	SUPPORT	
Display	Size & Technology	6.517 inch, IPS	
	Resolution	720(RGB)×1600	
	Pixel Density	270	
	Screen Brightness	350nit typictal，400nit min	
	Effective Area	67.93×150.96	
	Aspect Ratio	18:09	
	Contrast 对比	1000（type）	
Dual SIM Cards &	Cards Inserting Mode	nano card+T card / Dual nano card	
	Network Type	GSM+CDMA+WCDMA+FDD+TDD+NR	

Network	Frequency (M5(3G)-A)	GSM:B2/B3/B5/B8 CDMA:BC0/BC1/BC10(with RXD) WCDMA:B1/B2/B4/B5/B8/B6/B19(with RXD) FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18 /B19/B20/B25/B26/B28A/B28B/B66/ TDD:B34/B38/B39/B40/B41 NR：n1/3/5/8/20/28/38/41/77/78/79	
	EDGE/GPRS	SUPPORT	
Configuration	Fingerprint ID	IC:FS9722B	
		Coating surface material	
		Lateral fingerprint	
		0.19s-0.35S response speed	
		360° identification angle	
		Capacitance touch sensor	
		296/508DPI scanning resolution	
	GPS	GPS+Glonass+Beidou+Galileo	
	Wi-Fi	IEEE802.11 a/b/g/n/ac 2.4/5G	
	Bluetooth	5.0'	
	FM	SUPPORT	
	OTG	SUPPORT	
	Hall Switch	N/A	
	Infrared Remote Control	N/A	
	HotKnot	N/A	
	G-sensor	SUPPORT	
	Proximity Sensor	SUPPORT	
	Ambient Light Senor	SUPPORT	
	Compass (magnetic)	SUPPORT	
	Geomagnetism	SUPPORT	
	Gyroscope	SUPPORT	
	Pressure and Humidity Meter	N/A	
	NFC	SUPPORT	
	Wireless Charge	N/A	
	Hard Coulometer	SUPPORT	
	Rapid Charge	SUPPORT	PE+2A
	Sound Amplifier	AW88194A	Smart PA
Touch Panel	Panel Technology	LTPS	
	IC	ILI9882N	
	Sensor Technology	incell	
	Material	Third generation Corning Glass	

	Display Fitting Method	Full paste	
Buttons	Power Button	SUPPORT	
	Volume Button	SUPPORT	
	SOS key	SUPPORT	
Electric Acoustic Devices	Speaker	2513 BOX	
	Motor	H4444ktb cylindrical motor	
	Receiver	0809 shrapnel	
	Mic	Silicon wheat	Sensitive core micro H8
	Notify Light	SUPPORT	
	LED Button	N/A	
Port	Headphone Port	N/A	
	Charger Interface	Type-C	
Housing	Structure	Non detachable	
	Housing Material	Plastic cement	
	Housing Color	Black	
Software Function		**Description**	**Remarks**
System Function	Smart Gesture	Support	
	Air Gesture	Support	
	Communication Somatosensory	N/A	
	System Somatosensory	N/A	
	Upgrade OTA	Support	
	Supported Languages	English, Simplified Chinese, Traditional Chinese.（It has updated 48 languages）	
Entertainment Features	Video Playback	Support AVI, MP4, WMV, RMVB, MKV, MOV, ASF, RM, FLV and other video formats, up to 720p / 30fps	
	Video Produce	Highest support 720p@30fps video shooting	
	Audioplayer	Support MP3, M4A, AAC, MKA, AMRAnd other video formats / supports lossless format：ALAC(Apple Lossless), FLAC, APE, WAV	
	Graphic Format	Support JPEG, BMP, GIF,PNG etc.	
Accessories		Description	Remarks
Standard Accessories	Battery	Standard(Built in）	
	Earphone	NO	
	Data Cable	Standard	
	OTG Cable	N/A	
	Charger	Standard	
	Standard	Packing Box, Manual, Warranty Card	
	Color protective film	PE	



CMA 170021131268

CNAS 中国认可 检测 TESTING CNAS L0738

CCRITC

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

Certificate No.: CCRI 22.2215

Company:	Beijing Dorland System Control Tech Co., Ltd.
Address:	Room 1107,Tower B,Tsinghua Tongfang Technology Square,No.1 Wangzhuang Road,Haidian District,Beijing,P.R.China
Name of Product:	Industrial Intrinsically Safe 5G Smartphone
Type of Product:	Xtrek_5G
Marking:	Ex ib IIC T4 Gb / Ex ibD 21 T130°C
Technical Documents:	Q/DLM 005-2021
Drawing No.:	Xtrek_5G BZ01
Note(s):	1.The rated voltage is DC 3.8V, Powered by a dual-protected polymer lithium-ion battery,Battery cell model:526584P , Nominal capacity: 16380mAh; 2.Ambient temperature range:-20°C≤Ta≤+60°C;IP code:IP68@1.5m，30min; 3. Do not charge in hazardous locations;

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: 18.04.2022

Valid till: 17.04.2027

Authorize:

China Coal Research Institute Testing Center

(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