

DORLAND Industrial Intrinsically Safe Smart Watch Ex Smart04

Beijing Dorland System Control Technology Co., Ltd. recently launched the Industrial Intrinsically Safe Smart Watch Ex Smart04. The intrinsically safe circuit design has a domineering appearance and a strong body. The product adopts a 2.41 inch touch screen and 5MP+2MP camera. It can be connected with SIM card and wireless 2.4G / 5G dual frequency WIFI. It is convenient to use video, voice, call answering, SMS prompt, voice search and other functions.

In addition, the product's rear sensor can carry out accurate identification and analysis of various sports patterns, heart rate detection, sleep analysis and sports effect evaluation. We also have GPS (GLONASS) positioning and other functions suitable for outdoor construction and pipeline inspection inside the watch, 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.



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Ex Smart04

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Certification parameters			
Marking	Ex ib IIC T4 Gb / Ex ibD 21 T130°C		
Certificate No.	CCRI 21.2025		
IP Grade	IP67		
Product	Functions	Specifications	
Hardware	CPU	MT6739	
	Soft	Android 7.1	
	Memory	RAM 3GB + ROM 32GB	
	Camera	Front camera:5 MP Side camera:2MP	
	Connections	4G/3G/2G, WiFi, GPS, Bluetooth	
	Networks	2G	GSM:B2+B3+B5+B8
		3G	WCDMA:B1+B2+B5+B8
			TD-SCDMA:B34/39
		4G	LTE-FDD:B1+B2+B3+B5+B7+B8+B12+B17+B20
	LTE-TDD:B38+B39+B40+B41		
	Pedometer	Support	
	WiFi	Support both 2.4G/5G	
	GPS	Support	
Gravity sensor	Support		
Heart Rate	Support		
Bluetooth	V4.0		
Cosmetic	Dimensions	65.5MM *45.5MM*15.2MM (L+W+H) Long strap:120MM Short strap:85MM	
	Gift box	L95 mm, W110 mm, H 83 mm	
	Color	silver, gun metal	
	Weight (Unit)	120g	
Display	LCD	2.41"	
	Resolution	640*480"IPS full mount screen	
Structure	Speaker	Support	
	Microphone	Support	
	Battery	2080mAh polymer battery	
	Vibration	Support	
	Button	2 button,Power on Key + Return key	
Interface	Charging/Data	Magnetic pogo pin	

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Watch Languages	English, Lao, French, Nepalese, Azerbaijani, Croatian, Mongolian, Georgian, Zulu (Africa), Tagalog, Arabic (Egypt), Italian, Armenian, Persian, Swahili, Slovak, Amharic (Ethiopian), Latvian, Slovenian, Hindi , Lithuanian, Finnish, Bengali, Hungarian, Swedish, Thai, Dutch, Vietnamese, Burmese, Norwegian written, bakmo Norwegian, Turkish, Khmer (Cambodian), polish, Greek, Korean / Korean, Portuguese (Brazil), Belarusian, simplified Chinese, Portuguese (Portugal), Bulgaria Chinese, traditional, Romanian, Russian, Japanese, burl / Afrikaans, Serb, Czech, Indonesian, Ukrainian, Danish, Malay, Hebrew, German, Catalan, Urdu, Estonian
Certification parameters	
<ol style="list-style-type: none">1. 2.41 inch IPS full screen HD large screen display2. Zinc alloy fuselage metal texture + dual cameras2. 2080mah high voltage and high capacity polymer battery meets the daily use3. 3Gb + 32GB super storage4. The green light heart rate sensor can detect heart rate more accurately5. Multi dynamic dial, multi movement mode6 information push reminder to prevent important information from delaying viewing7. 4g network, experience high speed internet surfing8. Unlock face recognition to protect personal privacy	

		中国认可 检测 TESTING CNAS L0738
	CONFORMITY CERTIFICATE OF EXPLOSION-PROOF	
	Certificate No.:	CCRI 21.2025
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 Smart Watch	
Type of Product:	Ex Smart04	
Marking:	Ex ib II C T4 Gb / Ex ibD 21 T130°C	
Technical Documents:	EXW/DLM 012-2020	
Drawing No.:	Ex Smart04 BZ01	
Note(s):	1.Power supply by rechargeable lithium ion battery with dual protection. Optional battery 1 is Ex Battery 048, rated voltage DC 3.7V, nominal total capacity 2880mAh.Optional battery 2 is Ex Battery 049, rated voltage DC 3.8V, nominal total capacity 2080mAh; 2.Ambient temperature range:-20°C≤Ta≤+60°C; 3.IP code:IP67.	
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:	1.19.2021	
Valid till:	1.18.2026	
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.ccrict.com.cn/Home		