

## **DORLAND Industrial Intrinsically Safe Smart Watch \_Watch<sup>®</sup> EX02 Plus**

Beijing Dorland System Control Technology Co., Ltd. recently introduced the industrial intrinsically safe Smart Watch\_Watch<sup>®</sup> EX02 Plus, intrinsically safe circuit design, domineering appearance, and solid body. This watch is a dual-camera watch, the display is 1.6", with touch function, a power-on button and a return button, with dual camera head difference 2M + Side 8M, magnetic charging, heart rate detection, battery is 1260 mAh , Android 10.7. The waterproof and dustproof performance of this watch meets the international IP67 standard. The explosion-proof certificate is Ex ib IIC T4 Gb / Ex ibD 21 T130 °C dust and gas double explosion-proof certification.

In addition, this watch rear sensor can perform a variety of sports Accurate pattern recognition analysis, heart rate detection, sleep analysis, exercise effect evaluation; we also configure GPS positioning and other functions suitable for outdoor construction, pipeline inspection and other functions inside the watch, which can cooperate with OA office systems, Various applications such as inspection positioning system, data acquisition system and so on. Especially suitable for hazardous environments with dangerous explosions, such as petroleum, chemical, pharmaceutical, oil depots, tank areas and other dangerous places with flammable and explosive gases, which is convenient for users to communicate with production and dispatch in a timely manner.



Beijing Dorland  
System Control  
Technology Co., Ltd.

Room1107, Tower B, Tsinghua  
Tongfang Technology Square,  
No.1 Wangzhuang Road,  
Haidian District, Beijing, P.R.China

Tel: +86-10-62198496  
Fax: +86 010 62985217


www.dorland-tech.com  
tian@dorland.com.cn

**DORLAND**  
www.dorland-tech.com



<b>Conformity Certificate of Explosion-proof</b>	
<b>Ex-mark</b>	Ex ib IIC T4 Gb / Ex ibD 21 T130°C
<b>Certification No.</b>	CCRI 19.2284
<b>IP Grade</b>	IP67
<b>Hardware Parameter</b>	
<b>CPU</b>	MT6762 eight core
<b>Memery</b>	DDR4 4GB, EMMC128GB
<b>SIM card</b>	Stand alone standby, handsfree call, nano Sim
<b>Support frequency band</b>	GSM 850 / 900 / 1800 / 1900
	WCDMA B1/B2/B5
	TD-SCDMA B34/B39
	LTE-FDD B1/B2/B3/B5/B7/B8/B12/B17/B20
	LTE-TDD B38/B39/B40/B41(100MHz)
<b>Touch screen</b>	1.6-inch 400 * 400 resolution HD full circle screen
<b>Camera</b>	Front 2 million / side 8 million high pixel dual camera
<b>Bluetooth</b>	Support, version 5.0
<b>WIFI</b>	Support
<b>GPS</b>	Support
<b>Heart rate</b>	Support
<b>Step counting</b>	Support
<b>Data interface</b>	Pogo pin + magnetic cable / power bank
<b>Portable power bank</b>	Support 5v1a charging and universal 5pin USB cable charging
<b>Battery</b>	Watch 1260mah / 3.8V, power bank 900mAh (it is forbidden to use power bank in dangerous areas)
<b>Standby time</b>	48 hours of smart watch + 40 hours of battery life
<b>Music playing</b>	6 hours for smart watch + 5 hours for power bank
<b>Talk time</b>	Smart watch 3 hours + power bank 2.5 hours
<b>Software function</b>	
<b>Operating system</b>	Android 10.7
<b>Menu bar</b>	Telephone, contact, SMS, settings, dial market, desktop settings, browser, calendar, camera, gallery, music, file management, alarm clock, recording
	Heart rate monitoring, sports, weather, mobile assistant, application market, system optimization, face recognition, etc
<b>Sports</b>	Outdoor running, outdoor walking, indoor running, cycling, basketball, football, table tennis, badminton, rope skipping
<b>Set up</b>	Network and Internet, connected devices, applications and notifications, batteries, displays, sounds, storage, location information, systems, about mobile phones
<b>Health</b>	Heart rate and pacing
<b>Weather</b>	Local weather < plug in SIM card network >
<b>Network and Internet</b>	WLAN, hotspot and network sharing, flight mode, mobile network, traffic usage

<b>Application and notification</b>	Default application, permission manager, special application permission
<b>Mobile assistant</b>	Scan QR code connection; Enable remote shooting, music control, send files, find mobile phones
<b>System</b>	Language and input method, date and time, reset options
<b>Support language</b>	Chinese (Simplified), Chinese (traditional), Japanese, Korean, English, French, Russian, German, Dutch, Portuguese, Arabic, Persian,
	Brazil, Portugal, Malaysia, Italy, Turkey, Thailand, Vietnam, India, Indonesia, Greece, Spain, Czech and other languages (optional)
<b>Air upgrade</b>	support
<b>Clock dial</b>	Watch built-in dial + dial market + custom dial
<b>Gao Fit APP</b>	
<b>Android phone</b>	Android version 6.0 and above
<b>iPhone</b>	Support system version 11.0 and above. It can be set through mobile phone - General - about this machine, check the version. If it is lower than version 11.0, please upgrade it first
<b>Product packaging and specifications</b>	
<b>watch</b>	Diameter 50.7* thickness 16mm
<b>Strap</b>	PU watchband, removable, switch lug, 22mm width, total length 272mm, adjustable range 173-252mm
<b>Speaker charging bank</b>	Diameter 49.5* thickness 18.8mm
<b>Watch the color</b>	Ceramic black
<b>Net weight (watch)</b>	73.5 g
<b>Gross weight (packing)</b>	277g
<b>Package content</b>	Watch *1/ charger *1/ magnet *1/ screwdriver *1/ manual *1
<b>Main shopping points</b>	
1. 4G full network, global call;	
2. MTK6762, eight cores, faster speed, lower power consumption;	
3. Android 10.7, smoother operation, more secure information;	
4. 4+128GB, top memory, larger storage space;	
5. 1.6-inch 400*400 high-resolution full round screen, ultra-high screen ratio;	
6. The first 2 million/main 8 million high pixel dual camera, selfie scenery more clear;	
7. Watch 1260mA battery, more guaranteed battery life;	
8. Dual ceramic /PU watchband.	

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<b>CONFORMITY CERTIFICATE OF EXPLOSION-PROOF</b>		
Certificate No.:		CCRI 19.2284
<b>Company:</b>	Beijing Dorland System Control Tech Co.,Ltd	
<b>Address:</b>	Room 807,Yingu Plaza, North 4th Ring West Road,Haidian District, Beijing 100080,P.R.China	
<b>Name of Product:</b>	Industrial Intrinsically Safe Smart Watch	
<b>Type of Product:</b>	Watch@EX02	
<b>Marking:</b>	Ex ib II C T4 Gb / Ex ibD 21 T130℃	
<b>Technical Documents:</b>	EXW/DLM 002-2019	
<b>Drawing No.:</b>	Watch@EX02 BZ01	
<b>Note(s):</b>	1.Power supply by dual protection rechargeable lithiumion battery with rated voltage 3.7VDC,nominal napacity:730mAh; Backup battery adopt dual protection rechargeable lithiumion battery with rated voltage 3.8VDC,nominal napacity:1260mAh; 2.IP code:IP67; 3.Add alternative batteries and record for replacement.	
<b>By verifying the drawings and technical documents and checking samples,the product complies with the following standards currently valid in P.R.China:</b>		
GB 3836.1-2010, GB 3836.4-2010, GB 12476.1-2013, GB 12476.4-2010, GB/T 4208-2017		
<b>Date of Issue:</b>	7.6.2020	
<b>Valid till:</b>	9.11.2024	
<b>Authorize:</b>	 	
<b>China Coal Research Institute Testing Center</b>		
(The test center of the national safety production of mining equipment and mining oil in Beijing)		
<small>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: <a href="http://www.ccrict.com.cn/Home">http://www.ccrict.com.cn/Home</a></small>		