DORLAND Industrial Intrinsically Safe Smart Watch Ex Smart03

Dorland System Control Technology Co., Ltd. recently launched the Industrial Intrinsically Safe Smart Watch Ex Smart03. The intrinsically safe circuit design has a domineering appearance and a strong body. The product adopts a 2.13 inch touch screen. It can be connected with wireless 2.4G 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 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.



Certification parameters			
Marking	Ex ib IIC T4 Gb / Ex ib IIIC T130℃ Db		
Certificate No.	CCRI 25.7932X		
IP Grade	IP67		
Product parameters			
Product	**Functions**	**Specifications**	
OS	OS	Android 8.1	
Hardware	CPU	SL8541E Arm Cortex-A53 quad-core	
	Storage	RAM:2G + ROM:16GB	
	Camera	Support	
	Connection	WIFI,GPS,GSM,BT	
	Bands Supported	2G	GSM: B3+B5+B8
		3G	WCDMA : B1+B5+B8
		4G	LTE-FDD: B1/B3/B5/B7/B8/B20
			LTE-TDD: B38+B39+B40+B41(100M)
	Pedometer	Support/3-axis acceleration sensor	
	WIFI	Support 2.4G	
	GPS	GPS	
	Heart rate	Support HX3918 high-precision support for dynamic heart rate, true blood oxygen, HRV, heart rate optical live recognition and other functions	
	Bluethooth	Supports Bluetooth V4.2 with low energy consumption	
Apperance	Product Size	49.1+44.2+14.6MM(L+W+H) Long strap:126MM Short strap:80MM	
	product weight	75g	
	Color	Oil spray vermilion color	
Displayer	LCD	2.13 inch; AMOLED square screen display	
	Touch	Capacitive Touch Screen	
	Resolution	410*502	
Structure	Speaker	Yes	
	MIC	Yes	
	Capacity	1280mAh Ploymer Li-Battery	
	Vibration	Yes	
	Button	2	
Connector	Charging& downloading	Magnet pogo pin	
Language in watch	Chinese (China), Chinese (Hong Kong), Chinese (Taiwan),etc.		

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CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF (APPENDIX)

Certificate No.: CCRI 25.7932X

1.Rated voltage DC 3.8V, powered by rechargeable lithium-ion battery packs with dual protection.

2.Operating environment temperature: -20℃≤Ta≤+60℃.IP code:IP67.

3.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.

4.Association inspection report number:2025551079.

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