

IS-SW1.1 Smartwatch Art. No. 312329



- Ideal for Mobile Worker applications
- Intuitive voice control for hands-free working
- Monitoring vital signs
- NFC timekeeping and access control
- SOS key for emergencies

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The world's first explosion-protected industrial smartwatch for ATEX/IECEX zones 1/21 can be used in a highly flexible way for employee safety and organisation in the company. Coupled via Bluetooth with the suitable smartphones, it functions as a supplementary hand-free wrist display for important messages, alarms and measured values. Use the IS-SW1.1 to monitor vital signs, make an emergency call with GPS location and to emulate RFID smart cards for convenient access control.

Technical Data

General	
Technology	Wearable Smartwatch
Explosion Protection	
Application range	Zone 1, Zone 21 Zone 2, Zone 22
Scope	EU (CE / ATEX) Global (IECEX) United Kingdom (UKCA) Japan (JNIOOSH)
IECEX certification	EPS 22.0028X
ATEX certification	EPS 22 ATEX 1 196 X
UKCA certification	EPS 22 UKEX 1 196 X
JNIOOSH certification	CML 23JPN2473X
IECEX gas explosion protection	Ex ib IIC T4 Gb
IECEX dust explosion protection	Ex ib IIIC T135°C Db
ATEX gas explosion protection	Ex II 2G Ex ib IIC T4 Gb
ATEX dust explosion protection	Ex II 2D Ex ib IIIC T135°C Db
UKCA gas explosion protection	Ex II 2G Ex ib IIC T4 Gb
UKCA dust explosion protection	Ex II 2D Ex ib IIIC T135°C Db
JNIOOSH gas explosion protection	Ex ib IIC T4 Gb
JNIOOSH dust explosion protection	Ex ib IIIC T135°C Db
Electrical Data	
Main memory	1 GB
Data memory	8 GB
Optional interface 1	Bluetooth 5.1
Addition 3/Option box	BT5.1, NFC, WiFi 2.4 GHz

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Display

Display size in inches	1.60
Display size in cm	4.06
Display resolution	320x360 pixels
Touch screen	Capacitive

Ambient Conditions

Ambient temperature	-20 – 55
Ambient temperature	-20 °C ... +55 °C

Mechanical Data

Degree of protection (IP)	IP68
MIL-standard	810H
Width	45 mm
Height	54 mm
Depth	17.6 mm
Weight	0.15 lb

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