

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
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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
Touchscreen	Capacitive
Ambient Conditions	
Ambient temperature	-20 – 55 °C
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	70 g
Weight	0.15 lb

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.