

ZONE 1/21



Collecting vital data



GPS positioning

NFC time recording
and access control

IS-SW1.1



Clock



SOS Function



Pulse



Pulse (Graph)

SpO₂

The industrial smartwatch for ATEX/IECEx zones 1/21 for recording and displaying messages, hazard alarms and measured values. Coupled with i.safe MOBILE devices, it functions, for example, as a supplementary „hands-free“ display. This makes the smartwatch highly flexible in use.

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IS-SW1.1



ATEX approval: Ex-Zone 1/21
Ex II 2G Ex ib IIC T4 Gb
Ex II 2D Ex ib IIIC T135°C Db



IECEx approval: Ex-Zone 1/21
Ex ib IIC T4 Gb
Ex ib IIIC T135°C Db



UKCA approval: Ex-Zone 1/21
Ex II 2G Ex ib IIC T4 Gb
Ex II 2D Ex ib IIIC T135°C Db

TECHNICAL FEATURES

Operating system	ISM-OS
Memory	1 GB RAM 8 GB internal memory
Dimensions	size: 53,95 x 45,4 x 17,6 mm weight: 70 g
Display	1,6" (4,064 cm) touchscreen 320 x 360 pixels
Battery	500 mAh
Connections	WiFi 2,4 GHz Bluetooth® 5.1 GPS, Glonass, Beidou Near Field Communication
Types of protection	IP68 dust-/waterproof MIL-STD-810H usable from -20 °C to +55 °C
Extra information	Tensile test bracelet: 28 kgf (tear off)

FURTHER FEATURES



Collecting vital data like SpO₂, Pulse



SOS key for loneworker protection
LWP ready (third party application required, based on country specific regulations)



Vibration alarm



Accelerometer, gyroscope, magnetic, pressure sensors

NOTE

The IS-SW1.1 displays current values such as time, date, pulse, blood oxygen, steps counted and vital statistics. Specially designed for industrial purposes, the IS-SW1.1 has been equipped with advanced functionality, e.g. for displaying alarms, messages and information. In addition, the IS-SW1.1 can be used for tracking, fencing, time recording/access control and sending emergency calls.

In order to be able to use all functions of the IS-SW1.1, additional customer-specific applications from third-party suppliers are required. These are not provided by i.safe MOBILE.

SET CONTENT

Smartwatch, Desktop Charger, Power Adapter universal, i.safe PROTECTOR 2.0, Screwdriver, Quick Start Manual and Safety Instructions

Please visit our website and you will find more detailed information, as well as an overview of compatible accessories.