

(1) **Certificate of Conformity**

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – Directive 2014/34/EU

(3) Certificate Number:

EPS 19 ATEX 1 072 X

Revision 0

(4) Equipment: IS930.2 Intrinsically safe industrial tablet

(5) Manufacturer: i.safe MOBILE GmbH

(6) Address: i\_Park Tauberfranken 10  
97922 Lauda-Koenigshofen  
Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this Certificate of Conformity and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH certifies based on a voluntary assessment that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive 2014/34/EU. The examination and test results are recorded in the confidential documentation under the reference number 19TH0202.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:


EN IEC 60079-0:2018

EN 60079-11:2012

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture and supply of this equipment. Those requirements are not covered by this certificate.

(12) The marking of the equipment shall include the following:

 II 3G Ex ic IIC T4 Gc IP64

 II 3D Ex ic IIIC T135°C Dc IP64



Certification department of explosion protection

Hamburg, 2020-01-31



H. Schaffer

(13)

## Annexe

(14) **Certificate of Conformity EPS 19 ATEX 1 072 X**

Revision 0

(15) Description of equipment:

The IS930.2 is the intrinsically safe and rugged industrial tablet for use in explosion hazardous areas of zone 2 and 22. The IS930.2 provides numerous technologies like 4G (LTE), NFC, GPS, Wi-Fi and Bluetooth LE. Equipped with an Android operating system, amplified loudspeaker and option keys, which allows the allocation of user specific functions or applications.

Electrical data:

Supply: The tablet IS930.2 has a fixed installed rechargeable Li-Ion battery  $U_0 = 3.8 \text{ V}$  ( $U_{0\_max} = 4.2 \text{ V}$ ).

Interfaces: The opening of the interface covers in explosive atmospheres is not permitted.

Wired data connection and charging is only allowed outside ex-hazardous areas.

The device has an USB interface (Type C), a magnetic charging connector and a 24 pin docking connector (all  $U_m = 5.88 \text{ V}$ ). The i.safe MOBILE docking station DS930.1, DS930.2 or other approved accessory may be used. A list of approved accessories can be found at [www.isafe-mobile.com](http://www.isafe-mobile.com).

A commercially available SD card may be used in the corresponding slot in the hazardous area. The internal electrical capacity of the SD card is negligible.

(16) Reference number: 19TH0202

(17) Schedule of Limitations:

The battery may be charged outside explosion hazardous areas only.  
The device must be protected against permanent UV light emission and high electrostatic charge processes.  
The permitted ambient temperature range is  $-20^\circ\text{C}$  to  $+60^\circ\text{C}$ .

(18) Essential health and safety requirements:

Met by standards.

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Hamburg, 2020-01-31

