



**BUREAU
VERITAS**



Certificate of Conformity

- (1)
- (2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – **Directive 2014/34/EU**
- (3) Certificate Number:
- EPS 17 ATEX 1 123 X** **Revision 0**
- (4) Equipment: IS910.2 Intrinsically Safe Tablet Computer
- (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 17TH0358.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- EN 60079-0:2012 +A11:2013** **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

Nuernberg, 2017-11-23


H. Schaffer



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Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH. EPS 17 ATEX 1 123 X, Revision 0.

(13) **Annexe**

(14) **Certificate of Conformity EPS 17 ATEX 1 123 X**

Revision 0

(15) Description of equipment:

The intrinsically safe, rugged tablet computer IS910.2 with efficient Octa-Core processor has been designed for use in explosion hazardous areas of zone 2 and 22. The tablet computer provides numerous technologies like 4G (LTE), NFC, GPS, Wi-Fi and Bluetooth. Equipped with a SD card, camera and IR camera (optional in each case), vibration, sensors, amplified speaker and option key, which allows the allocation of user specific functions or applications.

Opening the interface covers in explosive atmospheres is not permitted.
Wired data connection and charging is only allowed outside ex-hazardous areas.

Electrical data:

The tablet IS910.2 has a fixed installed rechargeable battery. Li-Ion battery $U_0 = 3,8 \text{ V}$ ($U_{0_max} = 4,2 \text{ V}$)

(16) Reference number: 17TH0358

(17) Schedule of Limitations:

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

(18) Essential health and safety requirements:

Met by standards.

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