



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX EPS 18.0086X** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 1 Issue 0 (2018-10-05)
Date of Issue: 2021-07-15
Applicant: **i.safe MOBILE GmbH**
i_Park Tauberfranken 10
97922 Lauda-Koenigshofen
Germany
Equipment: **IS760.2 Multifunctional Smartphone**
Optional accessory:
Type of Protection: **Intrinsic safety "i"**
Marking: Ex ic IIC T4 Gc IP54
Ex ic IIIB T135°C Dc IP54

Approved for issue on behalf of the IECEx
Certification Body:

Position:

Signature:
(for printed version)

Date:

Holger Schaffer

Certification Manager

2021-07-15



1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 18.0086X**

Page 2 of 4

Date of issue: 2021-07-15

Issue No: 1

Manufacturer: **i.safe MOBILE GmbH**
i_Park Tauberfranken 10
97922 Lauda-Koenigshofen
Germany

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "I"
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[DE/EPS/ExTR18.0091/01](#)

Quality Assessment Report:

[DE/EPS/QAR12.0003/12](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 18.0086X**

Page 3 of 4

Date of issue: 2021-07-15

Issue No: 1

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The intrinsically safe, rugged and multifunctional smartphone IS760.2 has been designed for use in explosion hazardous areas of zone 2 and 22. The Android smartphone supports LTE and optional private LTE networks and also can be used by the push-to-talk technology as a walkie talkie (UHF frequencies). The smartphone provides numerous technologies like a front speaker with a volume of up to 100 dB, Bluetooth LE, NFC, dual SIM, 2 cameras, a 13-pin connector to connect audio accessories, hardware button for user-specific occupancy and optional barcode/QR scanner.

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.

Electrical data:

Li-Ion Battery 3.8 V

Ambient temperature range:

$-20\text{ }^{\circ}\text{C} \leq T_a \leq +60\text{ }^{\circ}\text{C}$

Interfaces:

The device has an USB interface (type C) for charging and data transmission outside hazardous areas. USB-C socket $U_m = 5.88\text{ V}$. It is not permitted to open the USB interface cover in hazardous areas.

For ISM interface use, the i.safe MOBILE headset IS-HS3.2 or approved accessories may be used. If the ISM interface is not used, it must be securely closed by the cover provided for this purpose.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The battery may be charged outside explosion hazardous areas only.

The device must be protected from impacts with high impact energy, against excessive UV light emission and high electrostatic charge processes.



IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 18.0086X**

Page 4 of 4

Date of issue: 2021-07-15

Issue No: 1

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Standard update