



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx EPS 16.0029X Issue No: 0 Certificate history:
Issue No. 0 (2016-05-09)

Status: **Current** Page 1 of 3

Date of Issue: **2016-05-09**

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

Equipment: **Intrinsically safe smartphone: IS730.2**
Optional accessory:

Type of Protection: **ic**

Marking:
Ex ic IIC T4 Gc IP54
Ex ic IIIB T135°C Dc IP54
-20° to +60°C

*Approved for issue on behalf of the IECEx
Certification Body:*

Dieter Zitzmann

Position:

Certification Manager

*Signature:
(for printed version)*

Date:

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

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





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

Additional Manufacturing
location(s):

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 electrical apparatus 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 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

*This Certificate **does not** indicate compliance with electrical 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/ExTR16.0029/00](#)

Quality Assessment Report:

[DE/EPS/QAR12.0003/03](#)



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Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The intrinsically safe, rugged smartphone type IS730.2 is designed for voice and data communication in explosion hazardous areas of zone 2 (gas group IIC, temperature class T4) and 22 (dust group IIIB, max. surface temperature T135°C). It is equipped with cameras (a variant without cameras is available), flashlight, GPS, acceleration sensor, Dual-SIM, vibration motor, 4G (LTE), Bluetooth, WLAN and NFC technology. The software is based on the ANDROID operating system.

The power supply of the smartphone consists of a non-exchangeable integrated battery. The battery can be charged via a micro USB jack in the base unit or wireless with an inductive charging station according to the Qi standard of Wireless Power Consortiums (WPC) on the rear side of the smartphone.

CONDITIONS OF CERTIFICATION: YES as shown below:

The battery shall be charged only outside ex-hazardous areas. 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°C to +60°C.