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 25.0002X**	Page 1 of 3	<u>Certificate history:</u>
Status:	**Current**	Issue No: 0	
Date of Issue:	2025-03-31		
Applicant:	**i.safe MOBILE GmbH** i_Park Tauberfranken 10 97922 Lauda-Koenigshofen **Germany**		
Equipment:	**IS940.2 / IS945.2 intrinsically safe tablet**		
Optional accessory:			
Type of Protection:	**Intrinsic safety "i"**		
Marking:	Ex ic IIC T4 Gc		
	Ex ic IIIC T135°C Dc		

Approved for issue on behalf of the IECEx
Certification Body:

Position:

Signature:
(for printed version)

Date:
(for printed version)

Ulrich Feike

Head of Certification

2025-03-31

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

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 60079-11:2023   Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:7.0

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/ExTR25.0002/00

Quality Assessment Report:

DE/EPS/QAR12.0003/16

EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The intrinsically safe tablet IS940.2 (Android operating system) / IS945.2 (Windows operating system) for Zone 2/22 is equipped with a 10.1-inch display, supports NFC, Bluetooth 5.2 and Wi-Fi 6. The high-quality Qualcomm chipset ensures fast data processing for the most demanding industrial applications such as predictive maintenance. The 12-pin docking interface offers a convenient charging and data connection. The 16-pin ISM interface ensures a secure connection of audio accessories or other add-ons.

Further advantages are the high-resolution main camera, the powerful speakers, a replaceable battery and programmable buttons (e.g. for quick access or lone worker protection applications (SOS)).

Electrical data:

Power supply: Changeable Li-Ion battery (4.2 V)

Interfaces:

The device has a 12-pin docking interface for the IS-DS940.1 docking station for charging and data transfer also within hazardous areas. The entity parameters are defined in document 1065AD05.
The 12-pin docking interface can remain open inside hazardous areas. The optional cover for this serves as protection against pollution.

The device also has a USB-C interface, which is also used for charging and data transfer outside hazardous areas.

The device's 16-pin ISM interface can be used within hazardous areas with approved audio accessories and add-ons.

The following accessories may be connected to the 16-pin ISM interface:

- IS-HS2A.1 in-ear headset
- IS-PTTB1A.1 PTT button with the IS-HDHS1x.1 headset
- Approved, intrinsically safe accessories that comply with the entity parameters of the 16-pin ISM interface in accordance with document 1065AD04

Headset variants IS-HDHS1x.1:

- IS-HDHS1A.1 Headband (Stereo)
- IS-HDHS1B.1 Neckband (Stereo)
- IS-HDHS1C.1 Helmet mount (Stereo)

A commercially available microSD and nano-SIM card can be used in hazardous areas in the corresponding slot. The internal electrical capacitance and inductance are negligible and match the intrinsically safe connection parameters.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The battery may be replaced outside explosion hazardous areas only.

The device must be protected against excessive UV light emission and high electrostatic charge processes.

The USB-C interface is protected by an IP interface cover and may only be opened outside the hazardous areas.

The 16-pin ISM interface must be closed with the corresponding cover when not in use in hazardous areas.

The permitted ambient temperature range is -20 °C to +55 °C.

The permitted charging temperature range is limited to 0 °C to +45 °C.