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 CSAE 23.0056X**	Page 1 of 3	Certificate history:
Status:	**Current**	Issue No: 0	
Date of Issue:	2024-01-12		
Applicant:	**Shenzhen Conquest Communication Equipment Co., Ltd.** Floor 2, Building B, Banweiyuan, No.17 Yongxiang Road, Bantian Street Longgang District Shenzhen **China**		
Equipment:	**conquest-S22 (EX202) Intrinsically Safe Industrial Tablet**		
Optional accessory:			
Type of Protection:	**Intrinsically Safe**		
Marking:	Ex ic IIC T4 Gc Ex ic IIIC T100°C Dc Ta = -20°C to +55°C IP65		

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

Position: **Director Operations, UK & Industrial Europe**

Signature:
(for printed version)

Date:
(for printed version)

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:

CSA Group Testing UK Ltd
Unit 6, Hawarden Industrial Park
Hawarden, Deeside CH5 3US
United Kingdom

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Manufacturer: **Shenzhen Conquest Communication Equipment Co., Ltd.**
Floor 2, Building B, Banweiyuan,
No.17 Yongxiang Road, Bantian Street
Longgang District
Shenzhen
China

Manufacturing locations: **Shenzhen Conquest Communication Equipment Co., Ltd.**
Floor 2, Building B, Banweiyuan,
No.17 Yongxiang Road, Bantian Street
Longgang District
Shenzhen
China

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:

GB/CSAE/ExTR24.0001/00

Quality Assessment Report:

CA/CSA/QAR23.0008/00

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

The conquest-S22 (EX202) Intrinsically Safe Industrial Tablet is a portable communication device featuring a touch display, scanner, cameras, thermal imaging, speakers and microphones, infrared temperature measurement, divergent LED flashlight, SIM and TF card connectors and communication interfaces for WiFi/Bluetooth/GPS, DMR or satellite communication, NFC/RFID and 5G networks.

The enclosure is constructed from PC covered by silicone rubber, with a toughened glass window. On the top shell it is fitted with six function keys to operate the product. The battery pack is integral with the unit and is not user-replaceable.

The equipment has two antenna ports for connection to passive antennas. There is a port for connection to a headset and a USB interface for charger input and data communication in the non-hazardous area only.

The equipment has been tested in accordance with the test of enclosure section of EN/IEC 60079-0 and meets the requirements of IP65.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The Industrial Intrinsically Safe tablet shall only be charged via the USB interface in safe area using a charger approved as SELV or Class 2 equipment against EN/IEC 62368 or an equivalent EN/IEC standard.
   The maximum voltage and current from the charger Um and Im shall not exceed 9.0 Vdc and 2.0A respectively. The ambient temperature during charging shall be in the range 0℃ to +55℃.
2. Any Data download devices via the USB interface shall be approved as SELV or Class 2 equipment against EN/IEC 62368 or an equivalent EN/IEC standard. The maximum voltage Um from the device shall not exceed 5.5 Vdc.
3. Only a passive headset could be connected via the headset port in the non-hazardous area.
4. While in the non-hazardous area, a SIM/TF card may be inserted or removed.
5. When used in hazardous location, the rubber plug of the headset and USB interface must be properly installed. The device cannot be connected with any accessories such as a headset in hazardous location.
6. The equipment shall only be used in locations where there is a low risk of mechanical impact.
7. Only passive Antenna shall be connected via the Antenna ports.
8. When used in hazardous location, the M6 interface cannot be connected with any accessories and the protective plate must be properly installed. Only a passive accessory could be connected via the M6 interface in the non-hazardous area.