



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 SIR 16.0005X

Issue No: 1

Certificate history:

Issue No. 1 (2017-10-30)

Issue No. 0 (2017-07-05)

Status: **Current**

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Date of Issue: **2017-10-30**

Applicant: **Getac Technology Corp**
5th Fl. Bldg. A 209 Sec. 1
Nangang Rd.
Nangang District
Taipei, 115
Taiwan

Equipment: **Model EX80 Tablet**

Optional accessory:

Type of Protection: **Intrinsically Safe and Optical Isolation**

Marking:

Ex ia op is IIC T4 Ga
Ex ia op is IIIC T135°C Da
Ta = -20°C to +50°C

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

C Ellaby

Position:

Deputy 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:

SIRA Certification Service
CSA Group
Unit 6, Hawarden Industrial Park
Hawarden, Deeside, CH5 3US
United Kingdom

sira
CERTIFICATION





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Manufacturer: **Getac Technology (Kunshan) Co. Ltd.**
No 296, No. 2 Avenue
Kunshan Comprehensive Free Trade Zone
Jiangsu
Kunshan 215300
China

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 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-28 : 2015 Edition:2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

*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:

[GB/SIR/ExTR17.0135/00](#) [GB/SIR/ExTR17.0224/00](#)

Quality Assessment Report:

[US/UL/QAR16.0010/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The EX80 is a battery-powered tablet, with a touchscreen display, microSIM card reader, LTE/WiFi/RFID communications, camera, flashlight and other options. The battery pack is integral with the unit and is not user-replaceable. The maximum charging voltage (U_m) = 12.0 Vdc, which is from a charger supplied by the manufacturer. When in the charging cradle, the EX80 can also download data to a non-powered load, such as a flash drive.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The EX80 shall only be charged when in the non-hazardous area, using the adapter specifically supplied by the manufacturer for use with the unit. Charging shall be at an ambient temperature that is within the ambient range of the charger and not outside the range of the EX80.
2. Data download via the charging cradle shall be only to a device without its own source of power (e.g. a flash drive, memory stick, etc.). Connection to a powered device, such as another computer, is not permitted.
3. While in the non-hazardous area, a microSIM card may be inserted or removed.
4. The EX80 contains no user-serviceable parts and no attempt should be made by the user to open the battery pack compartment or the main unit.
5. The EX80 shall only be used in locations where there is a low risk of mechanical impact.



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EQUIPMENT (continued):

Conditions of Manufacture

1. The adapter and cradle supplied with the EX80 shall be approved as SELV equipment complying with the IEC 60950 series, IEC 61010-1, or a technically equivalent standard. The maximum charging voltage shall not exceed 12 Vdc.
2. The manufacturer shall ensure that the assembly comprising the three current-limiting circuits can limit the steady-state current to a maximum of 2.229 A.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1

1. The introduction of 'op is' into the dust certification marking.
2. Recognition of an alternative colour for the enclosure.
3. Removal of 2A charging current limit, the description was amended to reflect this.
4. Amendments to the relevant Specific Condition of Use and Condition of Manufacture to permit alternative charging adapters.