# 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 16.0072X | Issue No: 0 | Certificate history: |
| | | | Issue No. 0 (2017-01-13) |
| Status: | Current | Page 1 of 3 | |
| Date of Issue: | 2017-01-13 | | |

Applicant: ecom instruments GmbH
Industriestrasse 2
97959 Assamstadt
Germany

Equipment: Intrinsically Safe Tablet PC type Pad-Ex 01 *

*Optional accessory:*

Type of Protection: intrinsic safety

Marking:

Ex ic IIC T4 Gc IP64

Ex ic IIIB T135°C Dc IP64

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

Dieter Zitzmann

*Position:*

Manager Certification

*Signature:*
*(for printed version)*

*Date:*

2017-01-13

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.

Certificate issued by:

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

# IECEx Certificate
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Manufacturer:      ecom instruments GmbH
Industriestrasse 2
97959 Assamstadt
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
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"

*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/ExTR16.0071/00

Quality Assessment Report:

DE/PTB/QAR07.0004/03

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Schedule

**EQUIPMENT:**

*Equipment and systems covered by this certificate are as follows:*

The Pad-Ex 01 * is an intrinsically safe rugged tablet PC for use in explosive hazardous areas of zone 2 and zone 22.

Description *:
Z2    The device carries ATEX/IECEx marking
DZ2   The device carries ATEX/IECEx and NEC/CEC marking

The device can be equipped with different modules (4G LTE/WWAN, M.2 SSD, RAM, Scanner).

The device may only be used with accessories approved by ecom instruments GmbH:

| | |
|---|---|
| X-Strap | ecom No.: A0032007 |
| Shoulder-Strap | ecom No.: A0032008 |
| Hand-Strap | ecom No.: A0032009 |
| Leathercase | ecom No.: A0032010 |

Electrical data:

Battery powered, lithium ion battery pack 4100 mAh / 7800 mAh

| | | |
|---|---|---|
| Type 1: | R11AH   4100 mAh | 11.1 V |
| Type 2: | R11AH2 7800 mAh | 11.1 V |

CONDITIONS OF CERTIFICATION: YES as shown below:

The battery pack shall be removed, changed or charged only outside hazardous areas.

The impact test according to IEC 60079-0 was performed with reduced height. The equipment shall be protected from impacts with high impact energy, against exessive UV light emission and high electrostatic charge generating processes. External connections shall never be used in hazardous areas. The interface cover shall be closed in hazardous areas. Only use a damp cloth to clean the device.