



**BUREAU  
VERITAS**



(1) **Certificate of Conformity**

(2) **Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – Directive 2014/34/EU**

(3) **Certificate Number:**

**EPS 13 ATEX 1 554 X**

**Revision 2**

(4) **Equipment:** CN70A ATEX, CN70E ATEX, CK70A ATEX, CK71A ATEX

(5) **Manufacturer:** ecom instruments GmbH

(6) **Address:** Industriestraße 2, 97959 Assamstadt, Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this Certificate of Conformity and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH certifies based on a voluntary assessment that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive 2014/34/EU. The examination and test results are recorded in the confidential documentation under the reference number 13TH0259.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:


**EN 60079-0:2012 + A11:2013**

**EN 60079-11:2012**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture and supply of this equipment. Those requirements are not covered by this certificate.

(12) The marking of the equipment shall include the following:

 II 3G Ex ic IIC T4 Gc  
II 3D Ex ic IIIB T130°C Dc IP54

Certification department of explosion protection

Nürnberg, 2016-12-09



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(13)

## Annexe

(14) **Certificate of Conformity EPS 13 ATEX 1 554 X**

Revision 2

(15) Description of equipment:

The devices are handheld mobile computers, which incorporate a LCD display, 802.11 radio module, and keypad (long and short versions, alphanumeric, numeric, or QWERTY). They may have an optional scan engine, camera, radios, and scan handle kit. They are powered by a rechargeable lithium-ion battery pack. The battery pack is to be charged outside the zone only. Battery packs: AM CK70 ATEX 01, AM CN70 ATEX 01, AM CN70 ATEX 02, AM CK70 ATEX 02

Rev. 2: Evaluation of product modifications and requirements of EN 60079-0:2012/A11:2013

Electrical data:

4,2Vdc

5200mAh (battery pack AM CK70 ATEX 01 or AM CK70 ATEX 02)

4000mAh (battery pack AM CN70 ATEX 01 or AM CN70 ATEX 02)

(16) Reference number: 13TH0259

(17) Schedule of Limitations:

- Resistance to impact "low risk": The device has to be protected against strong impacts.
- Use in controlled environment: The device must be protected from conductive pollution.
- Electrostatic: In hazardous areas including IIC Gases it is only allowed to clean the unit with damp cloth.
- Ambient temperature  $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +50^{\circ}\text{C}$

(18) Essential health and safety requirements:

Met by standards.

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D. Zitzmann

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