



**BUREAU
VERITAS**



(1) **EC-Certificate of Conformity**

(2) **Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – Directive 94/9/EC**

(3) **EC-Certificate of Conformity Number:**

EPS 13 ATEX 1 554 X

Revision: 1

(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 and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies, based on a voluntary testing, 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. The examination and test results are recorded in the confidential report 13TH0259.

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

EN 60079-0:2012

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 EC-Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

(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

D. Zitzmann

Türkheim, December 11, 2013



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Annexe

(13)

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

(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 in outside the zone only. Battery packs: AM CK70 ATEX 01, AM CN70 ATEX 01, AM CN70 ATEX 02, AM CK70 ATEX 02

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) Test report: 13TH0259

(17) Special conditions for safe use:

1. EN 60079-0:2012; 26.4.2 - Resistance to impact "low risk";
"The device has to be protected against strong impacts."
2. EN 60079-11:2012; Annex F; F.2 "use in controlled environment";
"The device must be protected from conductive pollution."
3. EN 60079-0:2012; 7.4.2 e) – Electrostatic Instructions
"In hazardous areas including IIC Gases it is only allowed to clean the unit with damp cloth."
4. 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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