

CERTIFICATE

(1) EC-Type Examination

(2) **Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC**

(3) EC-Type Examination Certificate Number: **KEMA 09ATEX0102 X** Issue Number: **2**

(4) Equipment: **Compact Camera Model EC-710-....**

(5) Manufacturer: **R. Stahl Camera Systems GmbH**

(6) Address: **Im Gewerbegebiet Pesch 14, 50767 Köln, Germany**

(7) This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies 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 to the directive.

The examination and test results are recorded in confidential test report number NL/KEM/ExTR09.0041/xx.

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

EN 60079-0 : 2009

EN 60079-18 : 2009

(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-Type Examination Certificate relates only to the design, examination and tests of the specified equipment according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

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



II 2 G Ex mb IIC T6/T5/T4 Gb
II 2 D Ex mb IIIC T85/100/125 °C Db

This certificate is issued on 19 July 2013 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

DEKRA Certification B.V.


T. Pijpker
Certification Manager

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(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 09ATEX0102 X**

Issue No. 2

(15) **Description**

Compact Camera Model Series EC-710-.... for fixed installation and provided with a permanently connected cable.

The type description of the Compact Camera is EC-710-aaab where aaa is the angle of view (°) and b is the video format, P(AL) or N(TSC).

Ambient temperature range: -40 °C to +35 °C for T6 and T85 °C
-40 °C to +50 °C for T5 and T100 °C
-40 °C to +75 °C for T4 and T125 °C

Electrical data

Supply: 12 Vdc ± 15 %, max. 250 mA (standard version)
12 Vdc ± 10 %, max. 250 mA (version without load dump circuit)

Installation instructions

The instructions provided with the equipment shall be followed in detail to assure safe operation.

(16) **Test Report**

No. NL/KEM/ExTR09.0041/xx.

(17) **Special conditions for safe use**

Ambient temperature range as listed in (15).

The camera must be protected by a suitable fuse with a rating of 250 mA. The breaking capacity of the fuse must be in accordance with the prospective short circuit current of the supply.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. NL/KEM/ExTR09.0041/xx.