

CERTIFICATE

(1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **DEKRA 19ATEX0117 X** Issue Number: **0**

(4) Product: **Dome Type Security Camera, type AVEC-ExDome-*****

(5) Manufacturer: **AVEC SOLUTION**

(6) Address: **7, Meorusut-gil, Opo-eup, Gwangju-si, Gyeonggi-do, Republic of Korea**

(7) This product 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 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products 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/DEK/ExTR19.0104/00.

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

EN IEC 60079-0 : 2018

EN 60079-1 : 2014

EN 60079-31 : 2014

except in respect of those requirements listed at item 18 of the Schedule.

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

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



II 2 G Ex db IIC T6 Gb
II 2 D Ex tb IIIC T80 °C Db

Date of certification: 25 November 2020

DEKRA Certification B.V.

R. Schuller
Certification Manager

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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 19ATEX0117 X**

Issue No. **0**

(15) **Description**

Dome Type Security Camera, type AVEC-ExDome-*** consists of a stainless steel enclosure with a camera unit. The complete enclosure is in type of protection flameproof enclosures “d” and protection by enclosures “t”.

Ambient temperature range -20 °C to +65 °C.

For more information see Annex 1 to Report No. NL/DEK/ExTR19.0104/00.

The enclosure provides a degree of protection of IP6X per EN IEC 60079-0 and EN 60529 and IPX8 only per EN 60529.

Installation instructions

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

(16) **Report Number**

No. NL/DEK/ExTR19.0104/00.

(17) **Specific conditions of use**

The equipment shall be installed in vertical position with lens down only as shown in the instruction manual.

The flameproof joints are not intended to be repaired.

The property class of the fasteners is A2-70.

Precautions shall be taken to minimize the risk of electrostatic discharge and/or propagating brush discharge.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR19.0104/00.

(20) **Certificate history**

Issue 0 - 510038600 initial certificate