



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEx DEK 24.0025X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2024-05-28

Applicant: **Hanwha Vision Co., Ltd.**
6, Pangyo-ro 319beon-gil, Bundang-gu
Seongnam-si, Gyeonggi-do 13488
Korea, Republic of

Equipment: **Security Camera, Type TNO-C*083E**

Optional accessory:

Type of Protection: **Flameproof enclosures "db" and Dust ignition protection by enclosure "tb"**

Marking: **Ex db IIC T6 Gb**
Ex tb IIIC T80 °C Db

Approved for issue on behalf of the IECEx
Certification Body:

L.G. van Schie

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

2024-05-28

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 www.iecex.com or use of this QR Code.



Certificate issued by:

DEKRA Certification B.V.
Meander 1051
6825 MJ Arnhem
Netherlands





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Manufacturer: **Hanwha Vision Co., Ltd.**
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Seongnam-si, Gyeonggi-do 13488
Korea, Republic of

Manufacturing
locations:

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 equipment 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 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

This Certificate **does not** indicate compliance with 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:

NL/DEK/ExTR24.0030/00

Quality Assessment Report:

NL/DEK/QAR24.0004/00



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Security Camera, Type TNO-C*083E consists of a stainless steel enclosure in types of protection Ex d and Ex t, with a built-in camera unit.

Ambient temperature range -40 °C to +65 °C

The enclosure provides a degree of protection of IP66 per IEC 60079-0 and IEC 60529.

Electrical data

48 Vdc, Max. 69 mA, 3.3 W

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The flameproof joints are not intended for repair.
- Precaution shall be taken to minimize the risk from propagating brush discharge of non-metallic name plate.
- The enclosure shall be protected from friction and impact.