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 UL 26.0021X**

Certificate history:

Status: **Current**

Issue No: 0

Date of Issue: 2026-10-30

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

Equipment: **Network Bullet Camera, Model TNO-A9084ER.**

Optional accessory:

Type of Protection: **Increased Safety "ec", Dust Ignition Protection by Enclosure "tc"**

Marking: Ex ec IIC T5 Gc
Ex tc IIIC T66°C Dc

-40°C ≤ Ta ≤ +60°C

Approved for issue on behalf of the IECEx Certification Body: **Lucy Frieders**

Position: **Staff Engineer**

Signature: (for printed version)



Date: (for printed version) 2026-10-30

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:

UL Solutions (US)
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America

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Certificate No.: **IECEx UL 26.0021X**

Date of issue: 2026-10-30 Issue No: 0

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

Manufacturing locations: **D-TECH CO., LTD.**
173-25, Saneop-ro, Gwonseon-gu
Suwon-si, Gyeonggi-do
Korea, Republic of

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 60079-31:2022 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

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

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

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:

US/UL/ExTR26.0021/00

Quality Assessment Reports:

NL/DEK/QAR24.0004/01 NL/DEK/QAR26.0005/00

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The device is Network Bullet Camera, including a housing with dust-proof enclosure intended security purpose. The device is installed on wall and ceiling. Images can be captured using infrared LEDs under low-light conditions.

The device was evaluated as “ec” and “tc” and the enclosure was evaluated as IP66/IP67.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The device shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1.
- Provisions shall be made to prevent the rated voltage from being exceeded by transient disturbances of more than 140%.
- The device shall only be installed in locations where there is a low risk of mechanical damage.
- To prevent electrostatic discharge, only touch the device after wiping clean the front panel with a damp cloth or wearing anti-static gloves, to avoid the electrostatic charge.

Annex:

Annex to IECEx UL 26.0021X Issue 0.pdf

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Annex to Certificate No.: IECEx UL 26.0021X Issue No.: 0

TYPE DESIGNATION

Nomenclature:

T	N	O	-	A	9084	E	R
I	II	III		IV	V	VI	VII

I. Special Purpose Camera - T

II Network Function:
N - Network

III. Form:
O – Bullet form One-Body

IV. AI Function:
A - AI

V. Version:
9084 – version number

VI. Anti-Explosion:
E – Anti-Explosion

VII. Infrared Function:
R – Infrared

PARAMETERS RELATING TO THE SAFETY

48 Vdc (PoE), 11.2 W, 0.23A

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MARKING

Marking has to be readable and indelible; it has to include the following indications:

6, Pangyo-ro 319beon-gil, Bundang-gu,
Seongnam-si, Gyeonggi-do,
13488, KOREA

