UL Type Examination Certificate

ATEX Directive 2014/34/EU

Certificate

UL 26 ATEX 3528X
Rev. 0

Issue date
2026-10-30

This is to acknowledge that

Hanwha Vision Co. Ltd.

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

has had

Network Bullet Camera

Model TNO-A9084ER

evaluated and meets the requirements of the standards

EN IEC 60079-0:2018
EN IEC 60079-0:2018/A11:2024
EN 60079-7:2015
EN IEC 60079-7:2015/A1:2018
EN 60079-7:2015/A11:2024
EN 60079-31:2014
EN IEC 60079-31:2024

Test Report No. **US/UL/ExTR26.0021/00**

Certification Manager
Thomas Wilson

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This is to certify that the sample(s) of the product described herein ("Certified Product") has been investigated and found in compliance with the above mentioned harmonized Standard(s) per Article 12 of Directive 2014/34/EU of the European Parliament and of the Council relating to equipment and protective systems for use in potentially explosive atmospheres indicated on this Certificate, in accordance with the UL Type Examination Certificate Scheme Requirements.
The responsibilities of manufacturers, their authorized representatives are provided in Articles 6 and 7 of the Directive 2014/34/EU. This remains the responsibility of the manufacturer and authorized representative and is not covered as part of this certificate.
This certificate and test results obtained apply only to the product sample(s) submitted by the Applicant. UL International Demko A/S (UL) did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established follow-up service for inspection or other surveillance of the product. The Certificate Holder is solely and fully responsible for conformity of all products to all applicable Standards, specifications, requirements or Directives/Regulations. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

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UL TYPE EXAMINATION CERTIFICATE No. UL 26 ATEX 3528X Rev. 0
Technical Details / Schedule

Description of product

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.

The optical radiation output of the product with respect to explosion protection, according to Annex II clause 1.3.1 of the Directive 2014/34/EU is covered in this certificate based on Exception 1) to the scope of EN 60079-28:2015.

Nomenclature

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

I. Special Purpose Camera

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

Ex marking

II 3 G Ex ec IIC T5 Gc

II 3 D Ex tc IIIC T66°C Dc

Temperature range

The ambient temperature range is -40°C ≤ Ta ≤ +60°C.

Trademark

The trademark Hanwha Vision will be used as the company identifier on the marking label.

Ratings

48 Vdc (PoE), 11.2 W, 0.23A

Routine tests

N/A

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Descriptive documents

The scheduled drawings are listed in the report no. provided under item “Test Report No.” on page 1 of this UL Type Examination Certificate.

Specific Conditions of Use

- The device shall only be used in an area of at least pollution degree 2, as defined in EN 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.

Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional Information

The device has in addition passed the tests for Ingress Protection to IP66/67 in accordance with EN60529:1991+A1:2000+A2:2013.

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