



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 26.0025X	Page 1 of 3	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2026-09-09		
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*083ER		
Optional accessory:			
Type of Protection:	Flameproof enclosures "db" and Dust ignition protection by enclosure "tb"		
Marking:	Ex db IIC T6...T5 Gb Ex tb IIIC T80 °C...T83 °C Db		

Approved for issue on behalf of the IECEx
Certification Body:

R. Schuller

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

2026-09-09

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

Manufacturing locations: **Hanwha Vision Co., Ltd.**
6, Pangyo-ro 319beon-gil, Bundang-gu
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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 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

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/ExTR26.0028/00](#)

Quality Assessment Report:

[NL/DEK/QAR24.0004/01](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Security Camera, Type TNO-C*083ER consists of a stainless steel enclosure with a built-in camera unit. All variants in the type designation are not related to Ex property.

The complete equipment is in type of protection flameproof enclosures "d" and protection by enclosure "t".

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

Thermal data

Ambient temperature range: -40 °C to +60 °C for T5 and T83 °C
-40 °C to +57 °C for T6 and T80 °C

Electrical data

max. 7.23 W, 48 Vdc, max. 150 mA for PoE Class3 (IEEE 802.3af)

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The flameproof joints are not intended to be repaired.
- The risk of electrostatic discharges shall be minimized, see the instruction manual.
- The equipment shall be installed in locations with low risk of mechanical danger.