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 OBAC 25.0008X**

Certificate history:

Status: **Current**

Issue No: 0

Date of Issue: 2025-08-11

Applicant: **Armadex Explosion Protection B.V.**
Tinstraat 33,
Ridderkerk, 2984 AN,
Netherlands

Equipment: **Digital camera type Armadex OZC-3**

Optional accessory:

Type of Protection: **intrinsic safety "i"**

Marking: Ex ic IIC T4 Gc

Ex ic IIIB T135°C Dc

Approved for issue on behalf of the IECEx Certification Body: **Piotr Tarnawski**

Position: **Head of Certification Body**

Signature:
(for printed version)

Date:
(for printed version)

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:

Osrodek Badan, Atestacji i Certyfikacji OBAC Sp. z o.o.
Labedzka 21
44-121 Gliwice
Poland

IECEx Certificate of Conformity

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Date of issue: 2025-08-11 Issue No: 0

Manufacturer: **Armadex Explosion Protection B.V.**
Tinstraat 33,
Ridderkerk, 2984 AN,
Netherlands

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 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

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:

PL/OBAC/ExTR25.0010/00

Quality Assessment Report:

PL/KSCP/QAR24.0003/00

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

The Armadex OZC-3 digital camera is an intrinsically safe, battery powered apparatus for use in hazardous areas. The images taken are saved on internal memory card and also could be transferred over WiFi. The flash function is disabled.
The camera consists of a plastic back-case containing a screen and buttons; a plastic front-case containing the lens; and a plastic part in the middle containing a few buttons and two flaps behind which connectors are sealed. Inside the camera there are several PCBs with electronic components and the battery.

Rated data:

Power supply	Rechargeable Li-ion battery 3,6V / 1350mAh
Max charge current/voltage	1800mA / 4,25V
Ingress protection	IP54
Ambient temperature	-20°C ≤ Tamb ≤ +60°C (storage) -10°C ≤ Tamb ≤ +40°C (operating)

SPECIFIC CONDITIONS OF USE: YES as shown below:
− The following may only be done outside hazardous area:

- − opening or closing the battery compartment of the camera,
- − removing or installing the battery and memory card,
- − charging the battery and connecting the HDMI cable,
- − battery replacement, only with battery type OM SYSTEM LI-92B.

− The camera must be protected against high risk of mechanical damage.
− When not in use, the device should be protected from UV radiation by storing it in a case.
− Ambient temperature range – see rated data.