



# OBAC



**Ośrodek Badań, Atestacji i Certyfikacji Sp. z o.o.**  
**44-121 Gliwice, ul. Łabędzka 21**

## (1) TYPE EXAMINATION CERTIFICATE

(2) Equipment, components and protective systems intended for use in potentially explosive atmospheres.  
Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014.

(3) Type examination certificate No: **OBAC 25 ATEX 0069X, Issue 0**

(4) Product: **Digital camera type Armadex OZC-3**

(5) Manufacturer: **Armadex Explosion Protection B.V.**

(6) Address: **Tinstraat 33, 2984 AN, Ridderkerk, Netherlands**

(7) This equipment, product or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) Ośrodek Badań, Atestacji i Certyfikacji OBAC Sp. z o.o. (The Institute for Research and Certification „OBAC” Ltd) certifies that this equipment, component or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment, component or protective systems intended for use in potentially explosive atmospheres given in Annex II to the European Council Directive 2014/34/EU.

The examination and test results and the list of agreed technical documentation are recorded in the confidential Report no OBAC/25/ATEX/0069.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0:2018**

**EN 60079-11:2012**

(10) If the sign „X” is placed after the certificate number, it indicates that the product concerned is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This certificate relates only to the design, assessment and tests of the specified equipment according to the Directive 2014/34/EU. The certificate does not apply to further requirements of the Directive relating to the manufacture and placing on the market of this equipment.

(12) The marking of the equipment, component or protective system must include the following:

**II 3G Ex ic IIC T4 Gc**

**II 3D Ex ic IIIB T135°C Db**



**Head of Certification Body**

**Piotr Tarnawski M. Com.**

Gliwice, 12 August 2025.





## Ośrodek Badań, Atestacji i Certyfikacji Sp. z o.o. 44-121 Gliwice, ul. Łabędzka 21

(13)

### SCHEDULE

(14)

to the Type Examination Certificate  
No. OBAC 25 ATEX 0069X, Issue 0

(15) Ex Product description:

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 ≤ T <sub>amb</sub> ≤ +60°C (storage) -10°C ≤ T <sub>amb</sub> ≤ +40°C (operating)

#### Marking:

Digital camera type **Armadex OZC-3**

(16) Report:

– OBAC/25/ATEX/0069.

(17) Specific conditions of use:

- 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.

(18) Essential health and safety requirements:

Met by compliance with the requirements mentioned in item 9

