# **EU-Type Examination Certificate**





#### 1. **EU-TYPE EXAMINATION CERTIFICATE**

- 2. Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- EU-Type Examination Certificate Number: ITS15ATEX18348X Issue 1 3.
- 4. Product: Flameproof, Dust-ignition-proof Camera
- 5. Manufacturer: Industrial Video & Control Co.
- Address: 330 Nevada Street 6. Newton, MA 02460 USA
- 7. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- Intertek Testing and Certification Limited, Notified Body number 0359 in accordance with Article 17 of 8. Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that the product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Intertek Report 103124961DAL-002 dated 28-Sep-2018.

- Compliance with the Essential Health and Safety Requirements has been assured by compliance with 9. EN 60079-0:2012+A11:2013, EN 60079-1:2014 and EN 60079-31:2014except in respect of those requirements referred to at item 16 of the Schedule.
- If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific 10. Conditions of Safe Use specified in the Schedule to this certificate.
- 11. This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- 12. The marking of the product shall include the following:

II 2 GD Ex db IIC T6 Gb II 2 GD Ex tb IIIC T80°C Db IP66

20°C ≤ Ta ≤ 60°C

uin J. Wolf

**Kevin Wolf Certification Officer** 9 Oct 2018

Intertek Testing & Certification Limited Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB Tel: +44 (0)1372 370900 Fax: +44 (0)1372 370977 www.intertek.com Registered No 3272281 Registered Office: Academy Place, 1-9 Brook Street, Brentwood, Essex, CM14 5NQ.

Page 1 of 4

This certificate may only be reproduced in its entirety and without any change, schedule included and is subject to Intertek Testing and Certification's Conditions for Granting Certification. RFT-EU-NB-OP-23k1 June 29, 2016

# **EU-Type Examination Certificate**





# SCHEDULE

# **EU-TYPE EXAMINATION CERTIFICATE NUMBER ITS15ATEX18348X**

#### 13. Description of Equipment or Protective System

The AMZ-\*\*\*\*-\* and AMZ-\*\*\*\*-\*\* are a series of flameproof, dust-ignition-proof cameras. They employ an IECEx certified flameproof enclosure built from aluminum or stainless steel. The flameproof enclosure possesses a threaded cover and a glass window that acts as the lens. The enclosure also has two threaded lateral openings for wiring purposes, these openings are meant to be filled by properly certified entry devices. The camera models differ by the internal camera that is used in each model, they can be powered by a DC supply, PoE or both. The cameras have an option for an internal LED ring and internal heater.

Models and ratings:

AMZ-3041-2: 12VDC, 0.7A or 24VDC, 0.4A AMZ-3641-05: 12VDC, 1A or 24VDC, 0.5A or 48VDC (PoE), 0.25A AMZ3641-06: 12VDC, 1A or 24VDC, 0.5A or 48VDC (PoE), 0.25A AMZ-HD41-2: 12VDC, 1.2A or 24VDC, 0.6A, or 48VDC (PoE), 0.3A AMZ-HD41-03: 12VDC, 1.2A or 24VDC, 0.6A, or 48VDC (PoE), 0.3A

# 14. Report Number

Intertek Report Ref: 103124961DAL-002 Dated: 28-Sep-2018.

#### 15. Special Conditions of Certification

- (a). Specific Conditions of Safe Use
  - Entries to the enclosure must be suitably certified Ex db IIC Gb, Ex tb IIIC Db, Tamb -20°C to +60°C entry device.
- (b). Conditions of Manufacture Routine Tests
  - None

Intertek Intertek Intertek Intertek Intertek int

Page 2 of 4

# **EU-Type Examination Certificate**





# SCHEDULE

## **EU-TYPE EXAMINATION CERTIFICATE NUMBER ITS15ATEX18348X**

# 16. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) have been identified and assessed in Intertek Report Ref: 103124961DAL-002 Dated: 28-Sep-2018.

### 17. Drawings and Documents

| Title:                          | Drawing No.:               | Rev. Level: | Date:             |
|---------------------------------|----------------------------|-------------|-------------------|
| *AMZ-3041-2 Installation Guide  | AMZ-3041-2                 | 1.15.0      | March 20,<br>2017 |
| *AMZ-3641-05 Installation Guide | AMZ-3641-05                | 1.11.0      | March 20,<br>2017 |
| *AMZ-3641-06 Installation Guide | AMZ-3641-06                | 1.10.0      | March 20, 2017    |
| *AMZ-HD41-2 Installation Guide  | AMZ-HD41-2                 | 1.16        | June 25,<br>2018  |
| *AMZ-HD41-03 Installation Guide | AMZ-HD41-03                | 1.1         | April 16, 2018    |
| *[ALUM] NAMEPLATE               | IVC1373                    | 13          | 04/16/18          |
| *[SS] NAMEPLATE                 | IVC1374                    | 13          | 04/16/18          |
| *ALUM. REF SHEET                | IVC1400 (Sheet 1<br>of 11) | 02          | 07/25/18          |
| *CROSS SECTION                  | IVC1400 (Sheet 2<br>of 11) | 02          | 07/25/18          |
| *CROSS SECTION                  | IVC1400 (Sheet 3 of 11)    | 02          | 07/25/18          |
| *CROSS SECTION                  | IVC1400 (Sheet 4 of 11)    | 02          | 07/25/18          |
| *SS REF SHEET                   | IVC1400 (Sheet 5 of 11)    | 02          | 07/25/18          |
| *LENS ASSEMBLY                  | IVC1400 (Sheet 6 of 11)    | 02          | 07/25/18          |
| *INTERNAL BRACKET               | IVC1400 (Sheet 7<br>of 11) | 02          | 07/25/18          |
| *ARECONT LENS                   | IVC1400 (Sheet 8 of 11)    | 02          | 07/25/18          |
| *IKEGAMI LENS                   | IVC1400 (Sheet 9 of 11)    | 02          | 07/25/18          |
| *DYNOCOLOR                      | IVC1400 (Sheet 10 of 11)   | 02          | 07/25/18          |
| *JKE ASSEMBLY                   | IVC1400 (Sheet 11 of 11)   | 02          | 07/25/18          |

Note: An \* is included before the title of documents that are new or revised.

# 18. Details of Certificate changes Issue 1

- 1. Evaluation of standard update for EN 60079-31 and EN 60079-1.
- 2. Addition of model AMZ-HD41-03.
- 3. Update of Technical Documentation to reflect the latest revisions.

Page 3 of 3