



## IECEx TEST REPORT COVER

ExTR Reference Number.....: US/ETL/ExTR16.0003/03

ExTR Free Reference Number .....: 104694897DAL-001

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Date of issue .....: 2021-08-19

Ex Testing Laboratory (ExTL) .....: Intertek Testing Services NA, Inc.

Address .....: 1809 10<sup>th</sup> Street, Suite 400; Plano, TX 75074, USA

Ex Certification Body (ExCB) .....: Intertek Testing Services NA, Inc.

Address .....: 3933 US Route 11; South Cortland, NY 13045, USA

Applicant's name.....: Industrial Video & Control Co.

Address .....: 330 Nevada Street Newton, MA 02460 USA

Standards associated with this IEC 60079-0 Edition 7

ExTR package .....: IEC 60079-1 Edition 7

IEC 60079-31 Edition 2

Clauses considered .....: All clauses considered

Test Report Form Number .....: ExTR Cover\_7 (released 2018-02)

Related Amendments, Corrigenda  
or ISHs .....: N/A

Test item description.....: Flameproof, Dust-ignition-proof Camera

Model/type reference .....: AMZ-\*\*\*\*-\*

AMZ-\*\*\*\*-\*\*

(See General product information for more details)

Code (e.g. Ex \_ II\_ T\_).....: Ex db IIC T6 Gb

Ex tb IIIC T80°C Db IP66

Rating.....: See General product information for details

### ExTR Package Contents

Assembled ExTR documents and Additional reference material:

**ExTR Package Contents**

Assembled ExTR documents and Additional reference material:

IECEX Test Report Cover

IECEX Test Report Addendum

Manufacturer's name .....: Industrial Video & Control Co.  
Address .....: 330 Nevada Street Newton, MA 02460 USA  
Trademark .....:



Certificate No. (optional) .....: IECEX ETL 15.0051X issue No. 3  
QAR Reference No. (optional) .....: GB/FME/QAR14.0006/05

**Particulars: Test item vs. Test requirements**

Classification of installation and use ..... : Stationary  
Ingress protection .....: IP66  
Rated ambient temperature range (°C).....:  $-20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$

**General remarks:**

The test results presented in this ExTR package relate only to the item or product tested.

- "(See Attachment #)" refers to additional information appended to the ExTR package.
- "(See appended table)" refers to a table appended to the ExTR package.
- Throughout this ExTR package, a point is used as the decimal separator.
- *Where the term "N/A" appears in any part of an ExTR package, it indicates that the associated issue was considered "Not applicable" to the involved evaluation.*
- *In accordance with IECEX 02, a Receiving ExCB may request a sample of the Ex equipment and copies of the documentation referred to in an ExTR Cover.*

The technical content of this ExTR package shall not be reproduced except in full without the written approval of the Issuing ExCB and ExTL.

**General product information:**

The AMZ-\*\*\*\*-\* and AMZ-\*\*\*\*-\*\* are a series of flameproof, dust-ignition-proof cameras. They employ an IECEX certified flameproof enclosure built from aluminium or stainless steel. The flameproof enclosure possess a threaded cover and a glass window that acts as the lens. The enclosure also has two threaded lateral openings for wiring purposes, this 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-HD41-3: 12VDC, 1.2A or 24VDC, 0.6A, or 48VDC (PoE), 0.3A

**Details of change (applicable only when revising an existing ExTR package):**

- Updated model from “AMZ-HD41-03” to “AMZ-HD41-3” to amend typographical error.
- Amended certified enclosure model number to address typographical error.
- Minor updates to controlled documentation to reflect changes.
- Updated IEC 60079-0 to the latest standard revision.

**Copy of Marking Plate:**

The following are the marking plates for the Aluminium and Stainless Steel cameras respectively.

MODEL: AMZ- <input type="text"/> <input type="text"/> 41- <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/>	
CLASS I GROUP B,C,D, CLASS II GROUP E,F,G, CLASS III TYPE 4X	
Tamb -20°C to +60°C	
CE 1725	II 2 GD Ex db IIC T6 Gb Ex tb IIIC T80°C Db IP66
Tamb -20°C to +60°C	
IECEX ETL 15.0051X	
ITS15ATEX18348X	
WARNING: DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT	
Attention: Ne pas ouvrir une atmosphère explosive est présente	
Input Voltage: <input type="text"/> <input type="text"/>	VDC: <input type="text"/> VAC: <input type="text"/> POE: <input type="text"/>
Max Operating Current: <input type="text"/> A	
ETL US Intertek 5001100	SERIAL NO. <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
INDUSTRIAL VIDEO & CONTROL NEWTON, MA 02460 USA	
REV:13	

  

MODEL: AMZ- <input type="text"/> <input type="text"/> 41- <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> -S	
CLASS I GROUP B,C,D, CLASS II GROUP E,F,G, CLASS III TYPE 4X	
Tamb -20°C to +60°C	
CE 1725	II 2 GD Ex db IIC T6 Gb Ex tb IIIC T80°C Db IP66
Tamb -20°C to +60°C	
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ETL US Intertek 5001100	SERIAL NO. <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
INDUSTRIAL VIDEO & CONTROL NEWTON, MA 02460 USA	
REV:13	

Details regarding ‘trade agent’ / ‘local assembler’ application in accordance with OD 203:

N/A

Testing not fully performed by ExTL staff at the above ExTL address:

N/A