

CERTIFICATE OF CONFORMITY



1. **HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS**
2. **Certificate No:** FM17US0156X
3. **Equipment:** D Series Network Ethernet Cameras
(Type Reference and Name)
4. **Name of Listing Company:** Spectrum Camera Solutions LLC
5. **Address of Listing Company:** 8935 Almeda Genoa Road
Houston, TX 77075
USA
6. The examination and test results are recorded in confidential report number:

3061050 dated 11th May 2017
7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

FM Class 3600:2018, FM Class 3615:2018, FM Class 3616:2011,
ANSI/ISA 60079-0:2013, ANSI/UL 60079-1:2015, ANSI/ISA 60079-31:2015,
ANSI/NEMA 250:2014, ANSI/IEC 60529:2004
8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.
9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.
10. **Equipment Ratings:**

Explosionproof for Class I, Division 1, Groups B, C and D; Dust-Ignitionproof for Class II/III, Division 1, Groups E, F and G; Flameproof for Class I, Zone 1, AEx db IIB+H2 Gb; Protection by Enclosure for Zone 21, AEx tb IIIC Db hazardous (classified) locations, indoors and outdoors (Type 4X, IP66/67).

Certificate issued by:



J.E. Marquedant
VP, Manager, Electrical Systems

9 August 2018

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC, 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA
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CERTIFICATE OF CONFORMITY



1. **HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS**
2. **Certificate No:** FM18CA0103X
3. **Equipment:** D Series Network Ethernet Cameras
(Type Reference and Name)
4. **Name of Listing Company:** Spectrum Camera Solutions LLC
5. **Address of Listing Company:** 8935 Almeda Genoa Road
Houston, TX 77075
USA
6. The examination and test results are recorded in confidential report number:

3064118 dated 9th August 2018
7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

C22.2 No. 0.4-17, CSA-C22.2 No. 94.2:2015, CAN/CSA-C22.2 No. 60529:2016,
CAN/CSA-C22.2 No. 60079-0:2015, CAN/CSA-C22.2 No. 60079-1:2016,
CAN/CSA-C22.2 No. 60079-31:2015
8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.
9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.
10. **Equipment Ratings:**

Flameproof for Class I, Zone 1, Ex db IIB+H2 Gb; Protection by Enclosure for Zone 21, Ex tb IIIC Db hazardous locations, indoors and outdoors (Type 4X, IP66/67).

Certificate issued by:

J. E. Marquedant
VP, Manager, Electrical Systems

9 August 2018

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

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FM Approvals LLC, 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA
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EU-TYPE EXAMINATION CERTIFICATE



Equipment or Protective systems intended for use in Potentially Explosive Atmospheres - Directive 2014/34/EU

EU-Type Examination Certificate No: FM18ATEX0057X

Equipment or protective system: D Series Network Ethernet Cameras
(Type Reference and Name)

Name of Applicant: Spectrum Camera Solutions LLC

Address of Applicant: 8935 Alameda Genoa Road,
Houston, TX 77075.
United States of America.

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

FM Approvals Ltd, notified body number 1725 in accordance with Article 17 of Directive 2014/34/EU of 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report number:

3064118 dated 9th August 2018

Compliance with the Essential Health and Safety Requirements, with the exception of those identified in item 15 of the schedule to this certificate, has been assessed by compliance with the following documents:

EN 60079-0:2012 + A11:2013, EN 60079-1:2014, EN 60079-31:2014,
EN 60529:1991 + A1:2000 + A2:2013

If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.

This EU-Type Examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

The marking of the equipment or protective system shall include:



II 2 G Ex db IIB+H₂ T6 Gb Ta = -20°C to +55°C

II 2 D Ex tb IIIC T85°C Db Ta = -20°C to +55°C



Digitally signed by Andrew J. Was
DN: cn=Andrew J. Was, o=FM
Approvals Ltd, 1 Windsor Dials,
Windsor, Berkshire, SL4 1RS, UK,
ou=Assistant Vice President -
Auditing & Quality Manager -
EMEA,
email=andrew.was@fmaprovals.
com, c=GB

Andrew Was
Deputy Certification Manager, FM Approvals Ltd.

Issue date: 29 August 2018

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

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F ATEX 020 (Apr/16)

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IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx FMG 18.0020X

Issue No: 0

Certificate history:

[Issue No. 0 \(2018-08-09\)](#)

Status: **Current**

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Date of Issue: **2018-08-09**

Applicant: **Spectrum Camera Solutions LLC**
8935 Alameda Genoa Road
Houston, TX 77075
United States of America

Equipment: **D Series Network Ethernet Cameras**

Optional accessory:

Type of Protection: **Flameproof, d; Protection by enclosure, t**

Marking:

Ex db IIB+H2 T6 Gb Ta = -20°C to +55°C, IP66/67

Ex tb IIIC T85°C Db Ta = -20°C to +55°C, IP66/67

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

J. E. Marquedant

Position:

VP, Manager - Electrical Systems

*Signature:
(for printed version)*

Date:

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 the [Official IECEx Website](#).

Certificate issued by:

FM Approvals LLC
1151 Boston-Providence Turnpike
Norwood, MA 02062
United States of America

