



# 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](http://www.iecex.com)

Certificate No.: **IECEX FMG 18.0020X** Page 1 of 4 Certificate history:  
Status: **Current** Issue No: 2 [Issue 1 \(2019-07-08\)](#)  
[Issue 0 \(2018-08-09\)](#)  
Date of Issue: 2022-06-09  
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: **IECEX FMG 18.0020X**  
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:  
(for printed version)

1 December 2022

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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

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





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

Manufacturing locations: **Spectrum Camera Solutions LLC**  
8935 Almeda Genoa Road  
Houston, TX 77075  
**United States of America**

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 60079-1:2014-06](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

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 Reports:

[US/FMG/ExTR18.0018/00](#)

[US/FMG/ExTR18.0018/01](#)

[US/FMG/ExTR18.0018/02](#)

Quality Assessment Report:

[GB/FME/QAR17.0010/03](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

### ***Dab-c-d-e. Network Ethernet Camera.***

a = Housing length 1, 2, 3, 4 or 5 (or any three digits from 084 to 196 representing custom housing lengths in mm).

b = Camera manufacturer code (two digits) 01 to 99.

c = Material A or S.

d = Several characters representing the camera manufacturer's part number (may contain additional dashes).

e = Optional breather/drain BLANK or BD. (IP67 is not applicable when supplied with optional breather/drain).

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

1. The flameproof joints of the equipment are not intended to be repaired. Consult the manufacturer if dimensional information on the flameproof joints is necessary.
2. Follow the manufacturer's instructions to reduce the potential of an electrostatic charging hazard on the surface of the equipment in Group II and III environments.
3. The equipment meets the requirements according to the low level risk of mechanical danger. Therefore, the equipment shall be located and installed such that the risk of impact or other mechanical damage is reduced or avoided.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

New dome lens backing ring evaluated. IEC 60079-0 examination updated to 2017 edition. Other minor documentation changes not affecting the equipment safety.