



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

Certificate No.: **IECEX EXV 21.0064X** Page 1 of 5 [Certificate history:](#)
Issue 0 (2022-01-21)

Status: **Current** Issue No: 1

Date of Issue: 2022-09-29

Applicant: **RINO Solutions Ltd.**
Mill Granary
East Knapton
Malton YO17 8JA
United Kingdom

Equipment: **C5ExN - Restricted Breathing Thermal Imaging Camera Case and Cx5 - Restricted Breathing and Dust Protection Thermal Imaging Camera Case**

Optional accessory:

Type of Protection: **Equipment protection by type of protection "n" Dust ignition protection by enclosure "t"**

Marking: Ex nR IIC T4 Gc
Ex tc IIB T135°C Dc (aplicable to Cx5 model only)

Approved for issue on behalf of the IECEx
Certification Body:

Sean Clarke CEng MSc FIET

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

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 or use of this QR Code.



Certificate issued by:

ExVeritas Limited
Units 16-18 Abenbury Way
Wrexham Ind. Est.
Wrexham LL 139UZ
United Kingdom





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Manufacturer: **RINO Solutions Ltd.**
Mill Granary
East Knapton
Malton YO17 8JA
United Kingdom

Manufacturing
locations:

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 60079-15:2017](#) Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:5.0

[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:

[GB/EXV/ExTR21.0120/00](#)

[GB/EXV/ExTR22.0086/00](#)

Quality Assessment Report:

[GB/EXV/QAR22.0001/00](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The C5ExN is a restricted breathing hazardous area case designed to fit the FLIR C5 Compact thermal imager.

Technical Documents:

Title:	Drawing No.:	Rev. Level:	Date:
3131 - CAMERA CASE DETAILS	3131-A01-Master	04	13.01.22
1/LPP 683566 BE PCM WC with PCM and Wire Connector	723947	3	2019-06-10
C5ExN_Label_Drawing	C5ExN_Label_Drawing	B	11/01/22
Cx5 - Label Drawing	Cx5 - Label Drawing	A	16/08/22

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The equipment shall only be used in areas where there is a low risk of mechanical damage.
- Do not remove charging plug in the hazardous area.
- Do not recharge in the hazardous area.



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Equipment (continued):

Conditions of manufacture (Routine tests)

- The manufacturer shall conduct a routine test on each enclosure in accordance with one of the procedures detailed in clause 12.2.2.1.1 of IEC 60079-15:2017.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

- Introduction of a new model Cx5 case which provides dust protection to allow use in hazardous dust atmospheres. Marking has been updated accordingly.