



# 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 UL 20.0131X** Page 1 of 4 [Certificate history:](#)  
Issue 0 (2021-04-09)

Status: **Current** Issue No: 1

Date of Issue: 2022-04-12

Applicant: **ExRobotics B.V.**  
Effenseweg 1  
Breda, 4838 BA  
Netherlands

Equipment: **Communications & Camera Box - Communications Module, Inspection Module, and Drive Camera Modules**

Optional accessory:

Type of Protection: **Flameproof "db"**

Marking: Ex db IIB T4 Gb  
-40°C to +60°C For Communications Module  
-40°C to +70°C for Inspection Module and Drive Camera Module

Approved for issue on behalf of the IECEx  
Certification Body:

**Katy A. Holdredge**

Position:

**Senior Staff Engineer**

Signature:  
(for printed version)

Date:  
(for printed version)

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2. This certificate is not transferable and remains the property of the issuing body.
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Certificate issued by:

**UL LLC**  
333 Pfingsten Road  
Northbrook IL 60062-2096  
United States of America





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Manufacturer: **ExRobotics B.V.**  
Effenseweg 1  
Breda, 4838 BA  
**Netherlands**

Manufacturing  
locations: **ExRobotics B.V.**  
Effenseweg 1  
Breda, 4838 BA  
**Netherlands**

**Ex Robotics B.V.**  
Delftechpark 26,  
Delft 2628 XH  
**Netherlands**

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

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 Report:

[US/UL/ExTR20.0148/00](#)

Quality Assessment Report:

[DK/ULD/QAR18.0002/06](#)



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**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The Communications Module, Inspection Modules, and Drive Camera Modules utilize a flameproof enclosure with different electrical configuration options such as processors, modems, cameras, and lights.

**Please see annex for additional information.**

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

- **WARNING:** To reduce the risk of ignition due to electrostatic discharge, avoid contact with the Analynk antenna (if fitted) while an explosive atmosphere is present. Clean only with a damp cloth. Do not use chemical cleaners. Do not repair the flameproof joints.



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

Issue 1: Update of manufacturing location address. No update of ExTR for this issue.

**Annex:**

[Annex to IECEx UL 20.0131X Issue 1.pdf](#)



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## TYPE DESIGNATION

Communications Module, Inspection Module, and Drive Camera Module

## PARAMETERS RELATING TO THE SAFETY

Inspection Module and Drive Camera Module: 36VDC, 18W maximum

Communications Module: 36V DC, 52W maximum

## MARKING

		ExRobotics B.V. Effenseweg 1 4838 BA Breda The Netherlands	
CE 0539	Year of manufacture	2021	
Communications Module			
CCB-SW-003342	Serial number	#001	
IECEX UL 20.0131X UL 20 ATEX2460X			
II 2G Ex db IIB T4 Gb			
-40°C ≤ Ta ≤ +60°C		<i>See Instructions</i>	
<b>WARNING</b>	<b>WARNING</b>	<b>WARNING</b>	
OPEN ONLY IN NON- HAZARDOUS AREA	DO NOT OPEN WHEN ENERGISED	USE FASTENERS WITH YIELD STRESS ≥ 700 Nmm <sup>2</sup>	

		ExRobotics B.V. Effenseweg 1 4838 BA Breda The Netherlands	
CE 0539	Year of manufacture	2021	
Drive Camera Module			
CCB-SW-003342	Serial number	#002	
IECEX UL 20.0131X UL 20 ATEX2460X			
II 2G Ex db IIB T4 Gb			
-40°C ≤ Ta ≤ +70°C		<i>See Instructions</i>	
<b>WARNING</b>	<b>WARNING</b>	<b>WARNING</b>	
OPEN ONLY IN NON- HAZARDOUS AREA	DO NOT OPEN WHEN ENERGISED	USE FASTENERS WITH YIELD STRESS ≥ 700 Nmm <sup>2</sup>	



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ExRobotics B.V.  
Effenseweg 1  
4838 BA Breda  
The Netherlands

CE 0539	Year of manufacture 2021	
Inspection Module		
CCB-SW-003342	Serial number #002	
IECEX UL 20.0131X UL 20 ATEX2460X		
II 2G Ex db IIB T4 Gb		
-40°C ≤ Ta ≤ +70°C <i>See Instructions</i>		
 <b>WARNING</b> OPEN ONLY IN NON- HAZARDOUS AREA	 <b>WARNING</b> DO NOT OPEN WHEN ENERGISED	 <b>WARNING</b> USE FASTENERS WITH YIELD STRESS ≥ 700 Nmm <sup>-2</sup>