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 CML 15.0085X**	Page 1 of 4
Status:	**Current**	Issue No: 3
Date of Issue:	2021-08-26	

Applicant:
Extronics Ltd
1 Dalton Way
Midpoint 18
Middlewich, Cheshire, CW10 0HU
United Kingdom

Equipment: **iRFID500 Tag Reader**

Optional accessory:

Type of Protection: **Intrinsic Safety**

Marking:

Ex ia IIC T4 Ga and Ex ia I Ma

Ex ia III C T135°C Da

Ta = -20°C to +55°C

Approved for issue on behalf of the IECEx
Certification Body:

L A Brisk

Position:

Certification Officer

Signature:
(for printed version)

Date:

2021-08-26

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:

Eurofins E&E CML Limited
Unit 1, Newport Business Park
New Port Road
Ellesmere Port, CH65 4LZ
United Kingdom

eurofins   cml

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Manufacturer: **Extronics Ltd**
1 Dalton Way
Midpoint 18
MIddlewich
Cheshire
CW10 0HU
United Kingdom

Additional
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 60079-0:2011   Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-11:2011   Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

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 Reports:

GB/CML/ExTR15.0087/00   GB/CML/ExTR17.0001/00   GB/CML/ExTR17.0206/00

Quality Assessment Report:

GB/EXV/QAR19.0010/01

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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The iRFID500 is an intrinsically safe handheld device designed to read passive RFID (Radio Frequency Identification) tags.

See Annex for full description

SPECIFIC CONDITIONS OF USE: YES as shown below:
See Annex for Conditions of Certification

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
Issue 3

Update to QAR link

Annex:

Certificate Annex IECEx CML 15.0085X Iss. 3.pdf

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Description

The iRFID500 is an intrinsically safe handheld device designed to read passive RFID (Radio Frequency Identification) tags.

It features an LCD display, indicating LEDs, sounder, vibrator, RF transceiver and a Bluetooth transceiver for communicating wirelessly with other electronic devices.

The electronic circuit board is housed in a plastic enclosure and is powered by an internal 3.7V rechargeable lithium ion battery. The unit is charged in the safe area via a USB socket in the base of the enclosure using the USB Charger Adapter model number iRFID500UC.

Conditions of Manufacture

None

Specific Conditions of Use

The following conditions relate to safe installation and/or use of the equipment.

    i.   The USB socket must not be used in the hazardous area

    ii.   Equipment must only be recharged with USB Charger Adapter model number iRFID500UC

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