



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

Certificate No.: IECEx TUR 16.0024X Issue No: 0 Certificate history:  
Status: **Current** Page 1 of 3 Issue No. 0 (2016-05-24)  
Date of Issue: **2016-05-24**  
Applicant: **I-care sprl**  
Rue René Descartes 18  
B-7000 Mons  
**Belgium**  
Electrical Apparatus: **WI-Care range extender model WR3311120000**  
*Optional accessory:*  
Type of Protection: **Ex ia**  
Marking: **Ex ia IIC T4 Ga**

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


Dipl.-Ing. Klauspeter Graffi

*Position:*

Head of Certification Body

*Signature:  
(for printed version)*

*Date:*

  
\_\_\_\_\_  
2016-05-24

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

Certificate issued by:

**TUV Rheinland Industrie Service GmbH**  
Am Grauen Stein  
51105 Cologne  
Germany





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Manufacturer: **I-care sprl**  
Rue René Descartes 18  
B-7000 Mons  
Belgium

Additional Manufacturing  
location(s):

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 electrical apparatus 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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 2011</b> Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-26 : 2014-10</b> Edition:3.0	Explosive atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga

*This Certificate **does not** indicate compliance with electrical 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:

[DE/TUR/ExTR16.0024/00](#)

##### Quality Assessment Report:

[DE/TUR/QAR16.0004/00](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

Wi-care range extender model WR331112000

The Equipment is supplied by a certified associated apparatus.

### Electrical parameters

$U_i = 4,5 \text{ V}$

$I_i = 800 \text{ mA}$

$P_i = 0,9 \text{ W}$

$C_i = 12,44 \text{ }\mu\text{F}$

$L_i = 4 \text{ }\mu\text{H}$

$T_a = -20^\circ\text{C to } +85^\circ\text{C}$

### CONDITIONS OF CERTIFICATION: YES as shown below:

Electrostatic hazards, all precautions shall be taken to avoid all risks of electrostatic charges on the enclosure when the equipment is used in zones where gases of the group IIB or IIC are present.