

## **EU DECLARATION OF CONFORMITY**

**Radio equipment:** **XR5i v2** with product numbers **BB-XR2F00VWXY-ZZZZ**

**Name and address of the manufacturer:**

Advantech B+B SmartWorx s.r.o., Sokolska 71, Kerhartice, 562 04 Usti nad Orlici, CZ,  
phone +420 465 524 421, [cellularsales@advantech-bb.com](mailto:cellularsales@advantech-bb.com), [www.advantech-bb.com](http://www.advantech-bb.com)

*This declaration of conformity is issued under the sole responsibility of the manufacturer.*

**Object of the declaration:**

Router **XR5i v2** – Equipment for data transmission and for wireless data transmission in WiFi and WMBUS networks. Specifications based on product number (P/N):

**BB-XR2F00VWXY-ZZZZ**, where:

- V** stands for expansion PORT1 and can be only:  
**0** (no expansion port), **1** (ETH), **2** (RS232), **3** (RS485), **4** (RS422), **5** (MBUS),  
**6** (CNT), **9** (SWITCH – only when full version).
- W** stands for expansion PORT2 and can be only:  
**7** (WIFI),  
**8** (WMBUS).
- X** stands for these options only:  
**1** – plastic enclosure,  
**2** – metal enclosure.
- Y** stands for these options only:  
**0** – no accessories,  
**1** – set – accessories with EU power supply,  
**2** – set UK – accessories with UK power supply,  
**3** – set AU – accessories with Australia power supply,  
**4** – set US – accessories with US power supply.
- ZZZZ** stands either for optional software user modules, or other firmware versions, which may not support all of the hardware specifications mentioned above, or is empty.

**Retune bands:** 2.4 GHz (WiFi networks)  
868 MHz (WMBUS networks)

*The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:*

Directive **2014/53/EU** (Radio Equipment Directive),

Directive **2011/65/EU** (RoHS).

POS-2017-146\_XR-5i-v2

References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:

**Telecom:** ETSI EN 300 328 V2.1.1 (2016-11), ETSI EN 300 220-2 V3.1.1 (2017-02)  
**EMC:** ETSI EN 301 489-1 V2.1.1 (2016-11), ETSI EN 301 489-17 V3.1.1 (2017-02),  
ETSI EN 301 489-3 V2.1.1 (2017-03)  
**Safety:** EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 + AC:2011

Conformity is declared based on these sources:

Testing protocol	Protocol number	Laboratory
Telecom, EMC, Safety (WiFi module)	EU Declaration of Conformity 04-26-17	Sagrad, Inc., 202 West Drive, Melbourne, FL 32904 USA
Telecom, EMC, Safety (WMBUS module)	<i>RC1180-MBUS_Declaration_of_Conformity_20170511</i>	<i>Radiocrafts AS, Oslo, Sandakerveien 64, NO-0484 OSLO, NORWAY</i>
EMC of the device	PO-2017-23	Advantech B+B SmartWorx s.r.o.
Safety of the device	PO-2011-13	Advantech B+B SmartWorx s.r.o.

Signed for and on behalf of  
Advantech B+B SmartWorx s.r.o.

Ústí nad Orlicí

06/19/2017

Pavel Pospíšil, executive director