

EU DECLARATION OF CONFORMITY

Radio equipment: **RR5i v2** with product numbers **BB-RR2B52V0XY-ZZZZ**,
RR5i v2 with product numbers **BB-RR2F52VWXY-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, www.advantech-bb.com

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

Object of the declaration:

GSM-R router **RR5i v2** – Equipment for wireless data transmission in:
GSM-R, GSM, WiFi and WMBUS networks.
Specifications based on product number (P/N):

BB-RR2B52V0XY-ZZZZ (basic version),
BB-RR2F52VWXY-ZZZZ (full version), 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:
0 (no expansion port), **1** (ETH), **2** (RS232), **3** (RS485), **4** (RS422), **5** (MBUS),
6 (CNT), **7** (WIFI), **8** (WMBUS), **9** (SDH).
- 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: 900/1800/1900 MHz (cellular networks)
2.4 GHz (WiFi networks)
868 MHz (WMBUS networks)

POS-2017-148_RR-75i-v2_EN

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).

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

Telecom: ETSI EN 301 511 V9.0.2 (2003-03), ETSI TS 151 010-1; (3GPP TS 51.010-1), 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 301 489-7 V1.3.1 (2005-11), 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
EN 62311:2008

Conformity is declared based on these sources:

Testing protocol	Protocol number	Laboratory
Telecom, EMC, Safety (cellular module)	DoC_2014_53_EU_TRM-5(ext)_17-05-23	Triorail GmbH & Co. KG, Luitpoldstrasse 2a, 85276 Pfaffenhofen, Germany
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)	RC1180-MBUS_Declaration_of_Conformity_20170511	Radiocrafts AS, Oslo, Sandakerveien 64, NO-0484 OSLO, NORWAY
EMC of the device	PO-2017-27	Advantech B+B SmartWorx s.r.o.
Safety of the device	PO-2013-03	Advantech B+B SmartWorx s.r.o.

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

Usti nad Orlici

06/19/2017

Pavel Pospíšil, executive director