

## EU DECLARATION OF CONFORMITY

**Radio equipment:** **ER75i v2** with product numbers **BB-ER2B51V0XY-ZZZZ**,  
**ER75i v2** with product numbers **BB-ER2F51VWXY-ZZZZ**

**Name and address of the manufacturer:**

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

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

**Object of the declaration:**

EDGE router **ER75i v2** – Equipment for wireless data transmission in:  
GPRS, EDGE, WiFi and WMBUS networks.  
Specifications based on product number (P/N):

**BB-ER2B51V0XY-ZZZZ** (basic version),

**BB-ER2F51VWXY-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:** 850/900/1800/1900 MHz (cellular networks)  
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).

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 V12.5.1 (2017-03), 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), Draft ETSI EN 301 489-52 V1.1.0 (2016-11), ETSI EN 301 489-17 V3.1.1 (2017-02), ETSI EN 301 489-3 V2.1.1 (2017-03)

**Safety:** EN 62368-1:2020

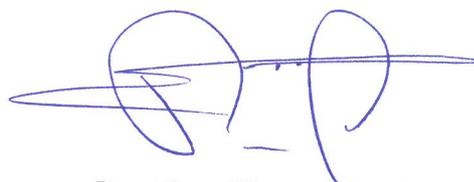
Conformity is declared based on these sources:

Testing protocol	Protocol number	Laboratory
Telecom, EMC, Safety (cellular module)	M17-0189-01-TEC	Gemalto M2M GmbH, Werinherstrasse 81, 81541 München, 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-2017-25	Advantech B+B SmartWorx s.r.o.
Safety of the device	PO-2020-053	Advantech Czech s.r.o

Signed for and on behalf of  
Advantech Czech s.r.o.

Usti nad Orlici

12/14/2020



Pavel Pospíšil, executive director