

EU DECLARATION OF CONFORMITY

Radio equipment: **LR77 v2** with product numbers **BB-LR2B71V0XY-ZZZZ**,
LR77 v2 with product numbers **BB-LR2F71VWXY-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, www.advantech.cz

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

Object of the declaration:

LTE router **LR77 v2** – Equipment for wireless data transmission in LTE, HSPA+, UMTS, GSM, WiFi and WMBUS networks. Specifications based on product number (P/N):

BB-LR2B71V0XY-ZZZZ (basic version),
BB-LR2F71VWXY-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 other hardware versions (of antenna connections), or combination of both, or is empty.

Retune bands: 800/850/900/1800/1900/2100/2600 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** (RoHS2) and **2015/863/EU** (RoHS3).

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

Radio: EN 301 511 V12.5.1, EN 301 908-2 V13.1.1,
EN 301 908-13 V13.1.1, EN 300 328 V2.2.2,
EN 300 220-2 V3.1.1

EMC: EN 301 489-1 V2.2.3, EN 301 489-17 V3.1.1, EN 301-489-3 V2.1.1, EN
61000-6-2 :2019, EN 61000-6-3 :2020, EN 301 489-52 V1.1.0

Safety: EN 62368-1: 2014 + AC :2017

RoHS: EN IEC 63000 :2018

Conformity is declared based on these sources:

Testing protocol	Protocol number	Laboratory
Radio (LTE module)	M17-0171-06-TEC	CETECOM GmbH Im Teelbruch 116 45219 Essen, Germany
Radio, 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-2017-30	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

05/31/2022



Pavel Pospíšil, executive director