

EU DECLARATION OF CONFORMITY

Radio equipment: **ICR-4461** with product numbers **ICR-4461XXY-ZZZZ**

Name and address of the manufacturer:

Advantech Czech s.r.o., Sokolská 71, Kerhartice, 562 04 Ústí nad Orlicí, CZ,
phone +420 465 524 421, cellular.info@advantech.cz, www.advantech.cz

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

Object of the declaration:

Ultra-high-speed 5G router **ICR-4461** – Equipment for wireless data transmission in 5G, LTE, HSPA+, UMTS, GNSS and WiFi networks. Specifications based on product number (P/N):

ICR-4461XXY-ZZZZ, where:

XXY stands for these options only:

- “**W3**” – Router is equipped with 2x2 WiFi module,
- “**S**” – Router is PoE equipped,
- “**W3S**” – Router is equipped with 2x2 WiFi module and PoE.

-ZZZZ **contains a string of variable length** which stands either for optional software user modules, or other firmware versions

Retune bands: 700/800/850/900/1500/1800/2100/2300/2500/ 2600/3500/3700 MHz
(cellular networks),

2.4/5 GHz (WiFi networks),

1176.45, 1561.098, 1575.42, 1597.5 MHz (GNSS 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 301 908-1 V15.1.1, EN 301 908-2 V13.1.1, EN 301 908-13 V13.2.1, EN 301 908-25 V15.1.1, EN 303 413 V1.2.1, EN 301 893 V2.1.1, EN 300 328 V2.2.2

EMC: EN 301 489-1 V2.2.3, EN 301 489-17 V3.1.1, EN 301 489-19 V2.2.0, EN 301 489-52 V1.2.1

Safety: EN 62368-1:2020 + A11:2020

Health: EN IEC 62311:2020

RoHS: EN IEC 63000 :2018

Conformity is declared based on these sources:

Testing protocol	Protocol number	Laboratory
Radio, EMC, Safety (cellular module)	Quectel_RM520N-GL_CE(RED)_Certificate	PHOENIX TESTLAB GmbH Königswinkel 10 D-32825 Blomberg, Germany www.phoenix-testlab.de
Radio, Safety, EMC (WiFi module)	SparkLAN_WPEA-251ACNI(BT)_EC Declaration_of_Conformity_v1.1_20201103.pdf	SparkLAN Communications, Inc. 8F., No.257, Sec 2, Tiding Blvd, Neihu District 11493, Taiwan
Safety of the device	PO-2021-31	Advantech Czech s.r.o. Sokolská 71, 562 04 Ústí nad Orlicí, Czech Republic
Health of the device	PO-2023-94	Advantech Czech s.r.o. Sokolská 71, 562 04 Ústí nad Orlicí, Czech Republic
EMC of the device	PO-2021-52	Advantech Czech s.r.o. Sokolská 71, 562 04 Ústí nad Orlicí, Czech Republic

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

Usti nad Orlici

02/02/2024

Pavel Pospíšil, executive director