

EU DECLARATION OF CONFORMITY

Radio equipment: **ICR-2031-XXXX** and **ICR-2431-XXXX**

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:

Industrial cellular routers **ICR-2031** and **ICR-2431** – Equipment for wireless data transmission in LTE, HSPA+, UMTS and GSM networks. Specifications based on product number (P/N):

ICR-2031W-XXXX and
ICR-2431W-XXXX, where:

W stands for these options only:

“empty” – router is not WiFi equipped,
“W” – router is WiFi equipped,

X stands for **a string of variable length** which stands either for optional software user modules, or other firmware versions.

Retune bands: 700/800/900/1800/2100/2300/2500/2600 MHz (Cellular networks),
2.4/5 GHz (WiFi 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 301 908-1 v15.0.1, EN 301 908-2 v13.1.1,
EN 301 908-13 v13.1.1, EN 301 893 v2.1.1, EN 300 328 v2.2.2

EMC: ETSI EN 301 489-1 v2.2.3, ETSI EN 301 489-17 v3.1.1,
ETSI EN 301 489-52 v1.2.1, IEC 61000-6-2:2016, IEC 61000-6-3 :2020

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

RoHS: EN IEC 63000 :2018

Conformity is declared based on these sources:

Testing protocol	Protocol number	Laboratory
Radio, EMC. Safety (cellular module)	E1177-211097	Timco Engineering, Inc. 849 NW State Road 45 Newberry, Florida 32669
Radio, EMC. Safety (WiFi module)	CE DoC from 7/11/2022	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd., Xindian Dist., New Taipei City 23144, Taiwan
Safety of the device	PO-2023-37	UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, Denmark
EMC of the device	PO-2020-45 PO-2023-56	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

08/25/2023

Pavel Pospíšil, executive director