

BIXOLON®

Declaration of Conformity



Type of equipment: WLAN Interface
Brand Name /Trade Mark: BIXOLON
Type designation /model: IFJ-WD
Manufacturer: BIXOLON CO., LTD. (Address: 20, Pangyoyeok-ro, 241beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, 13494, Republic of Korea)

In accordance with the following Directives:

2014/53/EU Radio Equipment Directive (RED)
2015/863/EU RoHS Directive 2011/65/EU Annex II and its amendment (EU) 2015/863 on the restriction of hazardous substances in electrical and electronic equipment

The following harmonized European standards and technical specifications have been applied:

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|----------------------|---|
| EN 301 489-1 V2.2.3 | Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements |
| EN 301 489-17 V3.2.4 | Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems |
| EN 61000-3-2:2014 | Limits for harmonic current emissions (equipment input current up to and including 16 A per phase) |
| EN 61000-3-3:2013 | Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current \leq 16 A per phase and not subject to conditional connection |
| EN 301 489-3 V2.1.1 | Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; |
| EN 300 328 V2.2.2 | Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; |
| EN 301 893 V2.1.1 | 5 GHz RLAN; |
| EN 300 440 V2.1.1 | Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; |
| EN IEC 63000:2018 | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances |

Test report issued by EMC: CTK Co., Ltd. / RF: CTK Co., Ltd., HCT Co., Ltd.

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

The CE Marking on the products and/or their packaging signifies that BIXOLON Co., Ltd. holds the reference technical file available to the European Union authorities.

DoC No.: BXLDoC-22-0006
Place and date of issue: 20, Pangyoyeok-ro 241beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, 13494, Republic of Korea / 2022-05-18
Authorized Signatory: Name: Hyunchall Roh (Title: CEO)
Signature:

Hyunchall Roh
BIXOLON CO., LTD.