

**BIXOLON®**

# Declaration of Conformity



**Type of equipment:** WLAN Interface  
**Brand Name /Trade Mark:** BIXOLON  
**Type designation /model:** IFX-WDa  
**Manufacturer:** BIXOLON CO., LTD. (Address: 344 Pangyo-ro Bundang-gu, Seongnam-si, Gyeonggi-do, 13493, 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:**

|                           |   |
|---------------------------|---|
| 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 IEC 61000-3-2:2019     | Limits for harmonic current emissions (equipment input current up to and including 16 A per phase)  |
| EN 61000-3-3:2013+A1:2019 | 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 V2.3.2       | 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.:** BXLDcC-24-0036  
**Place and date of issue:** 344 Pangyo-ro Bundang-gu, Seongnam-si, Gyeonggi-do, 13493, Republic of Korea / 2024-10-14

**Authorized Signatory:** Name: Hyunchall Roh (Title: CEO)  
Signature:

*Hyunchall Roh*  
BIXOLON CO., LTD.