

**BIXOLON®**

# Declaration of Conformity



**Type of equipment:** WLAN Interface  
**Brand Name /Trade Mark:** BIXOLON  
**Type designation /model:** IFJ-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:**

RER 2017 (S.I 2017/1206)	Radio Equipment Regulations 2017
ECR 2016 (S.I 2016/1091)	Electromagnetic Compatibility Regulations 2016
EE(S)R 2016 (S.I 2016/1101)	Electrical Equipment (Safety) Regulations 2016
Regulations 2012 (S.I. 2012/3032)	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

**The following harmonized UK 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 WLAN;
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 UKCA Marking on the products and/or their packaging signifies that BIXOLON Co., Ltd. holds the reference technical file available to the UK authorities.**

**DoC No.:** BXLDcC-24-3024  
**Place and date of issue:** 344 Pangyo-ro Bundang-gu, Seongnam-si, Gyeonggi-do, 13493, Republic of Korea / 2024-10-08

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

*Hyounchall Roh*  
BIXOLON CO., LTD.