

BIXOLON®

Declaration of Conformity

UK CA

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:

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 <= 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 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.: BXLDoC-24-3036
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.