JJN electronics ltd

DECLARATION OF CONFORMITY

Manufacturers Name and Address:
JJN Electronics Ltd, 3rd floor, Crown House, 151 High Rd, Loughton IG10 4LG, UK JJN Electronics Ltd (Brand JJN Digital) herewith declares conformity of the product:

Product name / designation:	Electronic Device Detector
Type:	EDD-24XT
Version:	-

with applicable regulations:

EC Declaration of Conformity (DoC)

EU directive 2014/53/EU
RoHS 2 Directive 2011/65/EU

EN61000-6-3
European Generic emission standard, part1: Domestic, commercial and light industry environment

EN61000-6-4

European immunity standard, part1: Domestic, commercial and light industry environment

IEC 62311:2019
Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz)

ETSI EN 301 489-17 V3.2.2 (2019-12)
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU

EN IEC 63000:2018
Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances (IEC 63000:2016), replaces standard EN 50581:2012 for assessing the technical documentation in support of compliance assessment of Directive 2011/65/EU (RoHS 2).

CEPT ERC Recommendation 70-03 for the 2.4 GHz and 5 GHz Frequency Bands:
11c2 2446 – 2454 MHz >500mW<=4W ≤ 15% duty cycle
Power levels above 500 mW are restricted to be used inside the boundaries of a building and the duty cycle of all transmissions should in this case be ≤ 15% in any 200 ms period (30 ms on /170 ms off)

ETSI EN 300 328
The ETSI EN 300 328 is a Harmonized European standard which applies to Wideband transmission systems operating in the 2.4 GHz band.
1 RF Output Power 3.2 4.3.1.2 or 4.3.2.2
2 Power Spectral Density 3.2 4.3.2.3 Only for non-FHSS equipment
3 Duty cycle, Tx-Sequence, Tx-gap 3.2 4.3.1.3 or 4.3.2.4 Only for non-Adaptive equipment

Mr. Justin Nestola
Director
Date 18/09/2024