

Declaration of Conformity

We, Airmar Technology Corporation, hereby declare under our sole responsibility that the product(s) listed below conform to the essential requirements and other relevant provisions of the Radio Equipment Directive 2014/53/EU.

Item	Description
Product	DST820
Description	Smart multisensor with Bluetooth connectivity for depth, speed and temperature
Manufacturer	Airmar Technology Corporation
Address	35 Meadowbrook Drive, Milford, NH, USA
Result	PASS

The following harmonized standards have been applied, demonstrating conformity:

RED Article	Requirement Area	Standards
3.1(a)	Safety	EN IEC 62368-1:2020+A11:2020
3.1(b)	EMC	ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-17 V3.3.1, EN 60945:2002
3.2	Radio Spectrum	EN 300 328 supported by Bluetooth module certification / integration documentation, not necessarily DST820 full-product RF testing

The DST820 has been assessed against the applicable safety requirements of RED Article 3.1(a). Compliance with EN IEC 62368-1:2020+A11:2020 has been demonstrated through testing performed by Nemko Canada Inc. and documented in Test Report REP173177

The Bluetooth radio functionality within the DST820 is provided by a Raytac MDBT50Q series module. The module has been independently evaluated for applicable Bluetooth radio performance requirements, including EN 300 328, and is incorporated into the DST820 without

Sensing Technology

modification to the module's RF circuitry, output power, modulation characteristics, or operational parameters.

The antenna configuration used within the DST820 remains consistent with the module manufacturer's approved integration guidance and does not exceed applicable gain or performance limits. No additional RF elements or design changes have been introduced that would alter the radio performance characteristics of the module.

Product-level EMC verification has been conducted on the DST820 to assess the integrated product configuration. Testing included applicable EMC and marine equipment requirements, including ETSI EN 301 489-1, ETSI EN 301 489-17, and EN 60945, supporting the conclusion that the DST820 does not introduce non-compliant emissions or adverse EMC interactions as a result of integration.

The DST820 is therefore declared to be in conformity with the applicable requirements of Directive 2014/53/EU, based on the technical documentation currently maintained by Airmar Technology Corporation.

This Declaration of Conformity is issued under the sole responsibility of Airmar Technology Corporation. The conformity assessment procedure has been applied in accordance with the applicable requirements, and technical documentation is maintained to support this declaration. We hereby affirm that design, manufacturing, and integration processes ensure continued compliance of the product.



David Colford
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