



Czech Metrology Institute

Okružní 31, 638 00 Brno

phone. +420 545 555 111, fax +420 545 222 728, www.cmi.cz

Notified Body Id. No.:1383



TESTCOM – Certifying Body for Certification of Products No. 3136,
accredited by CAI according to ČSN EN ISO/IEC 17065:2013
Hvožd'anská 3, 148 00 Praha 4; phone: +420 271 192 158, e-mail: fsebek@cmi.cz

EU-type examination CERTIFICATE

(Radio Equipment Directive 2014/53/EU, Annex III)

No. 0120-CC-V0007-21

| | |
|-------------------------------|---|
| Product: | Reference node for Real Time Location System |
| Trade name / brand name | Anchor Vista Omni |
| Model / Type: | Omni |
| Manufacturer | Sewio Networks s.r.o. |
| Manufacturer address: | JIC INMEC, Purkyňova 649/127, 612 00 BRNO, Czech Republic |
| Software version: | RTLS Studio 2.4; FW 3.1 |
| Hardware version: | 1.6 |
| Frequency bands of operation: | 3774 – 4243,2 MHz (range 1) & 6240 – 6739,2 MHz (range 2) WIFI 2,4 GHz |

The Notified Body No.:1383 - Czech Metrology Institute,
after the examination of the technical documentation as drawn by the manufacturer,
announces

that the essential requirements of Article 3.1a, 3.1b and Article 3.2
of Radio Equipment Directive 2014/53/EU (Government Decree No.: 426/2016 Coll.).
have been met.

The conformity assessment on the radio equipment listed above and as described in Annex 1 to
this EU-type examination certificate has been carried out in accordance with Annex III (module B) of
RADIO Equipment Directive 2014/53/EU (Government Decree No.: 426/2016 Coll., Annex 3).

A list of documentation forming the basis for the EU-type examination is provided in Annex 2 to
this EU-type examination certificate.

This EU-type Examination certificate relates only to the documents as provided to CMI.

Brno, May 11, 2021



Dr. Pavel Klenovský
Head of Notified Body

Annex 1 to EU-type examination certificate for RED 2014/53/EU

No.: 0120-CC-V0007-21

Model: Omni

Date of issue: May 11, 2021

Anchor is a real time location system (RTLS) transceiver which gathers radio signals from mobile locators called Tags and forwards the signal to RTLS Studio (via Ethernet or Wi-Fi) which provides estimation locator's position.

Details of operation:

Frequency range: 3774 – 4243,2 MHz (CH2) and 6240 – 6739,2 MHz (CH5)

WI-FI 2,4 GHz

UWB Radiated Power CH2: - 41,3 dBm/MHz

UWB Radiated Power CH5: - 41,3 dBm/MHz

UWB Antenna Anchor Vista Omni: Omnidirectional

WiFi Antenna 2,4 GHz Omnidirectional

Environment: Industrial, Warehouse Manufacturing,
Retail, Sports Tracking, Livestock

Placement: Indoor / Outdoor I

Power supply: PoE 802.3af or DC 48 V (Passive PoE)

Power Requirements: 2,5 W

Operating Conditions: - 20° to +60°C, 20% - 85% humidity

Warm-up Time: Immediate

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Hvoždanská 3
148 00 Praha 4

Annex 2 to EU-type examination certificate for RED 2014/53/EU

No.: 0120-CC-V0007-21

Model: Omni

Date of issue: May 11, 2021

1. Test report:

| | Report number: | Dated: |
|----------------|---------------------------|-----------------|
| RA | 8551-PT-R0010-19 | April 12, 2019 |
| RA | 8551-PT-R0147-19 | June 20, 2019 |
| RA | 50068130003 (TÜVReinland) | May 26, 2017 |
| RA | NN206G1N (TÜVReinland) | July 16, 2020 |
| EMC | 8551-PT-E0010-19 | March 20, 2019 |
| EMC | 8551-PT-E0075-21 | March 29, 2021 |
| EMC | 10058459003 (TÜVReinland) | May 25, 2017 |
| Product Safety | 8551-PT-B0010-19 | January 4, 2019 |
| RF safety | Manufacturer Calculation | March 6, 2019 |

2. Certificate: Certificate_of_Acceptance_ETIC S-SEC-092-2017
(TÜV Rheinland_Taiwan_Ltd)

3. Technical Documentation Provided:

Anchor Vista Omni_User Manual
Anchor Vista Technical Documentation description
Anchor Vista Risk Assessment Vista Omni
Anchor Vista Construction Manual
Anchor Vista Block Diagram
Anchor Vista EN62311 Test Report
Anchor Vista DoC Omni
Čestné prohlášení Sewio Networks s.r.o.
Magnum 3453 ABS Resin Technical Information STYRON
Description SW - 2021_05_13_Sewio_Anchor_Vista_Omni_FW_RTLS_Studio_SW.zip

4. Standards used to demonstrate conformity with the essential requirements of Radio Equipment Directive 2014/53/EU:

| | |
|-------------------------------|--|
| Radio Spectrum (Article 3.2): | ETSI EN 302 065-2 V2.1.1 ETSI EN 300 328 V2.2.2 |
| EMC (Article 3.1.b): | ETSI EN 301 489-1 V2.1.1 ETSI EN 301 489-17 V3.1.1 ETSI EN 301 489-33 V2.2.0 |
| Product Safety (Article 3.1a) | ČSN EN 62 368-1:2014 +Opr.1:2016, +A11:2017 |
| RF Safety (Article 3.1a) | EN 62311: 2008 |

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Annex 2 to EU-type examination certificate for RED 2014/53/EU

No.: 0120-CC-V0007-21

Model: Omni

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Additional information:

This is Class 2 device.

Radio Equipment Directive 2014/53/EU, Article 10.4: Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the radio equipment has been placed on the market.

Radio Equipment Directive 2014/53/EU, Article 10.6: Manufacturers shall ensure that radio equipment which they have placed on the market bears a type, batch or serial number or other element allowing its identification, or, where the size or nature of the radio equipment does not allow it, that the required information is provided on the packaging, or in a document accompanying the radio equipment.

Radio Equipment Directive 2014/53/EU, Article 10.7: Manufacturers shall indicate on the radio equipment their name, registered trade name or registered trade mark and the postal address at which they can be contacted or, where the size or nature of radio equipment does not allow it, on its packaging, or in a document accompanying the radio equipment. The address shall indicate a single point at which the manufacturer can be contacted. The contact details shall be in a language easily understood by end-users and market surveillance authorities.

Radio Equipment Directive 2014/53/EU, Article 10.8: Manufacturers shall ensure that the radio equipment is accompanied by instructions and safety information in a language which can be easily understood by consumers and other end-users, as determined by the Member State concerned. Instructions shall include the information required to use radio equipment in accordance with its intended use. Such information shall include, where applicable, a description of accessories and components, including software, which allow the radio equipment to operate as intended. Such instructions and safety information, as well as any labelling, shall be clear, understandable and intelligible.

The following information shall also be included in the case of radio equipment intentionally emitting radio waves:

- (a) frequency band(s) in which the radio equipment operates;
- (b) maximum radio-frequency power transmitted in the frequency band(s) in which the radio equipment operates.

Radio Equipment Directive 2014/53/EU, Article 10.9: Manufacturers shall ensure that each item of radio equipment is accompanied by a copy of the EU declaration of conformity or by a simplified EU declaration of conformity. Where a simplified EU declaration of conformity is provided, it shall contain the exact internet address where the full text of the EU declaration of conformity can be obtained.

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Radio Equipment Directive 2014/53/EU, Article 10.10: In cases of restrictions on putting into service or of requirements for authorization of use, information available on the packaging shall allow the identification of the Member States or the geographical area within a Member State where restrictions on putting into service or requirements for authorization of use exist. Such information shall be completed in the instructions accompanying the radio equipment.

Radio Equipment Directive 2014/53/EU, Article 19.2: On account of the nature of radio equipment, the height of the CE marking affixed to radio equipment may be lower than 5 mm, provided that it remains visible and legible.

Radio Equipment Directive 2014/53/EU, Article 20.1: The CE marking shall be affixed visibly, legibly and indelibly to the radio equipment or to its data plate, unless that is not possible or not warranted on account of the nature of radio equipment. The CE marking shall also be affixed visibly and legibly to the packaging.

Radio Equipment Directive 2014/53/EU, Annex III, Module B7: The manufacturer shall inform the notified body that holds the technical documentation relating to the EU-type examination certificate of all modifications to the approved type that may affect the conformity of the radio equipment with the essential requirements of this Directive or the conditions for validity of that certificate. Such modifications shall require additional approval in the form of an addition to the original EU-type examination certificate.

In accordance with Notified Body guidance; if there are no changes, a Notified Body EU-type examination certificate has a validity of 10 years from the date of issue.

The Declaration of Conformity under Directive 2014/53/EU or a copy thereof must be supplied with each device.

Device designation:



all EU

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