Certificate

EC Type-Examination

Number: **1304-RED-0104 A1** Project file: C20200578

This certificate is issued in accordance with Article 17 and Annex III of the Radio Equipment Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014.

Product: **UVC Room Disinfection Device**

Type reference: **STRPR-D**

Trademark: SteriPro UVC disinfection technology

Applicant: **UVC Solutions d.o.o.**
Ljubljanska cesta 20, SI-3000 Celje, Slovenia

Manufacturer: UVC Solutions d.o.o.
Ljubljanska cesta 20, SI-3000 Celje, Slovenia

This EU-type examination certificate is given in respect of compliance of radio equipment with the essential requirements set out in Article 3 of the Radio Equipment Directive 2014/53/EU and concerns the product identified above and its compliance with the following essential requirements:

Essential Requirements	Assessed	Result
Health and safety **Article 3.1(a)**	Yes	Conform
Electromagnetic compatibility **Article 3.1(b)**	Yes	Conform
Radio spectrum **Article 3.2**	Yes	Conform
Radio equipment within certain categories or classes **Article 3.3**	Yes	Not applicable

Notified body: SIQ Ljubljana
Mašera-Spasićeva ulica 10, SI-1000 Ljubljana, Slovenia

Notification number: **1304**
This certificate replaces original certificate 1304-RED-0104 from 2020-06-30 due to typing error.

This certificate will remain valid as long as the circumstances relevant for its issue remain unchanged. This conformity assessment is limited to the essential requirements of the Radio Equipment Directive 2014/53/EU. Only products fulfilling all essential requirements of all applicable directives may be placed on the market and put into service. Products in compliance with all provisions of the applicable directives providing for the CE marking must bear this marking.

Date: 2020-07-07 **Authorized signature:** Zoran Svetik

SIQ Ljubljana, Mašera-Spasićeva ulica 10, SI-1000 Ljubljana, Slovenia
T +386 1 4778 100, F +386 1 4778 444, info@siq.si, www.siq.si

EU-Type Examination Certificate

Number: **1304-RED-0104 A1**

Ratings and technical description of product:

120-240 V-; 50-60 Hz; P_{RATED} = 2,3 kW
Maximum clock frequency: 2,4 GHz
Protection class: I

Intended use: Fixed use (disinfection of rooms)

Hardware version: Version 1

Temperature: maximum ambient of 45 °C while charging empty battery and 60 °C while discharging full battery without external power source

Place(s) of manufacture:

UVC Solutions d.o.o.
Ljubljanska cesta 20, SI-3000 Celje, Slovenia

Date: 2020-07-07

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Number: **1304-RED-0104 A1**

Technical description of built in RF module(s):

Product name: Industrial 802.11n Access Point containing MOXA IEEE 802.11 a/b/g/n

Type reference: AWK-1131A (containing WAPN008)

Trademark: MOXA

Manufacturer: MOXA Inc.

Frequency Range:	**T_X:**	**R_X:**
	2412-2472 MHz	2412-2472 MHz
	5180- 5320 MHz	5180- 5320 MHz
	5500-5720 MHz	5500-5720 MHz

Modulation: **802.11b:** DSSS, DBPSK, DQPSK, CCK
802.11g/n: OFDM, BPSK, QPSK, 16QAM, 64QAM
802.11a/n: OFDM, BPSK, QPSK, 16QAM, 64QAM

Transmitted Power: Max. 15,28 dBm (2,4G WiFi) + 2,9 dBi antenna
Max. 19,03 dBm (5G WiFi) + 2,34/2,8 dBi antenna

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Technical documentation and supporting evidence:

Health and safety - Article 3.1(a)

The protection of health and safety of persons and of domestic animals and the protection of property, including the objectives with respect to safety requirements set out in Directive 2014/35/EU, but with no voltage limit applying.

Testing Laboratory	Technical standards and specifications	Test Report No.
SIQ Ljubljana	EN 61010-1:2010	T223-0318/18
SIQ Ljubljana	EN 62311:2008	T251-0403/20

Electromagnetic compatibility - Article 3.1(b)

An adequate level of electromagnetic compatibility as set out in Directive 2014/30/EU.

Testing Laboratory	Technical standards and specifications	Test Report No.
SIQ Ljubljana	Draft EN 303 446-1 V1.1.0	T251-0407/18

Efficient use of radio spectrum - Article 3.2

Radio equipment shall be so constructed that it both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

Testing Laboratory	Technical standards and specifications	Test Report No.
TA Technology (Shanghai)	EN 300 328 V2.1.1	1740343R-RFCEP34V00 1740343R-RFCEP06V00
	EN 301 893 V2.1.1	1760111R-RFCEP34V00

Radio equipment within certain categories or classes - Article 3.3

(a) radio equipment interworks with accessories, in particular with common chargers;
(b) radio equipment interworks via networks with other radio equipment;
(c) radio equipment can be connected to interfaces of the appropriate type throughout the Union;
(d) radio equipment does not harm the network or its functioning nor misuse network resources, thereby causing an unacceptable degradation of service;
(e) radio equipment incorporates safeguards to ensure that the personal data and privacy of the user and of the subscriber are protected;
(f) radio equipment supports certain features ensuring protection from fraud;
(g) radio equipment supports certain features ensuring access to emergency services;
(h) radio equipment supports certain features in order to facilitate its use by users with a disability;
(i) radio equipment supports certain features in order to ensure that software can only be loaded into the radio equipment where the compliance of the combination of the radio equipment and software has been demonstrated.

Testing Laboratory	Technical standards and specifications	Test Report No.
/	/	/

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