

# EU-Type Examination Certificate

## 1622 - RED - 204004

In compliance with Directive (EU) No 2014/53 of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment (RED), this certificate applies to the product(s)

**Product: SwitchBot Hub Mini**  
**Model: W0202200, W0202201, W0202202, W0202203, W0202204, W0202205**

Placed on the market under the name or trade mark of

**Woan Technology (Shenzhen) Co., Ltd.**  
Room 101-116, Building B4, Yintian Industrial Zone, Xixiang Street, Bao'an District,  
Shenzhen, Guangdong, P.R.China, 518102

This certificate attest that all provisions concerning the assessment and verification of performance described in the standard(s)

Art. 3.1a): EN 62368-1:2014+A11:2017  
EN 62311:2020

Art. 3.1b): ETSI EN 301 489-1 V2.2.3  
ETSI EN 301 489-17 V3.2.4

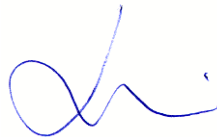
Art. 3.2): ETSI EN 300 328 V2.2.2

as per Annex III (Module B) for the performance set out in this certificate, are applied.

This certificate was first issued on **September 30, 2020**

This certificate consists of 3 pages  
Certificate revision: 1.0

**For NEMKO (Notified Body 1622)**  
Ottawa, Canada, on    Sep 30, 2020             
Authorized signatory:



Xu Jin, Senior Technical Assessor

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This certificate has been granted by Nemko North America, Inc. 303 River Road, Ottawa, Ontario, K1V 1H2, Canada

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This certificate remains valid, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Nemko. Should the specified regulations or standards be amended, the products are to be re-approved prior to being placed on the market.

Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against Nemko for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel in the establishment or issuance of this document, and in connection with any activities for which it may provide

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## ANNEX 1 – PRODUCT SPECIFICATIONS

### PRODUCT DESCRIPTION

Equipment type: Wideband data transmission equipment  
Model/type: W0202200, W0202201, W0202202, W0202203, W0202204, W0202205  
Brand/trade name: SwitchBot  
Supply voltage: AC 230V  
Rated power: -  
Hardware version: V1.4  
Software version: V1.7-1.9

### TECHNICAL CHARACTERISTICS

Transmitter type: -  
Intended purpose: Wideband transmission  
Frequency range: 802.11b/g/n: 2412 - 2472 MHz  
Bluetooth 4.0+BLE: 2402 – 2480 MHz  
Transmit power: 802.11b/g/n: 0.053 Watts  
Bluetooth 4.0+BLE: 0.00057 Watts  
Modulation type: 802.11b/g/n: DSSS and OFDM  
Bluetooth 4.0+BLE: GFSK  
Maximum duty cycle: -  
Number of channels: 802.11b/g/n: 13  
Bluetooth 4.0+BLE: 40  
Channel separation: 802.11b/g/n: 5 MHz  
Bluetooth 4.0+BLE: 2 MHz  
Antenna type: PIFA antenna  
Maximum antenna gain: 3.66 dBi

### MANUFACTURER

Name: Woan Technology (Shenzhen) Co., Ltd.  
Address: Room 101-116, Building B4, Yintian Industrial Zone, Xixiang Street, Bao'an District,  
Shenzhen, Guangdong, P.R.China, 518102

### ADDITIONAL INFORMATION

None.

## ANNEX 2 - SCHEDULE OF APPROVAL

### SCOPE OF EXAMINATION

- |  |         |
|--|---------|
| <input checked="" type="checkbox"/> Protection of Health and Safety, according to Article 3(1)(a).     | Conform |
| Standards: EN 62368-1:2014+A11:2017<br>EN 62311:2020   |         |
| <input checked="" type="checkbox"/> Electromagnetic Compatibility (EMC), according to Article 3(1)(b). | Conform |
| Standards: ETSI EN 301 489-1 V2.2.3<br>ETSI EN 301 489-17 V3.2.4                                       |         |
| <input checked="" type="checkbox"/> Radio Spectrum Use, according to Article 3(2).                     | Conform |
| Standards: ETSI EN 300 328 V2.2.2  |         |
| <input checked="" type="checkbox"/> Special Radio Features, according to Article 3(3)(a)-(f).          | N/A     |
| Standards: N/A   |         |

### MARKING OF PRODUCT

The Manufacturer and Type Designation shall be applied to the product in a visible location.  
The equipment shall carry the CE marking of the European Union.

### TYPE EXAMINATION DOCUMENTATION

#### Test report(s)

- EMC test report by Shenzhen Huatongwei International Inspection Co., Ltd.  
Test Report Number: CHTEW20090188
- Radio test report by Shenzhen Huatongwei International Inspection Co., Ltd.  
Test Report Number: CHTEW20090186, CHTEW20090187
- Safety test report by Shenzhen Huatongwei International Inspection Co., Ltd.  
Test Report Number: CHTSE20090179
- Health test report by Shenzhen Huatongwei International Inspection Co., Ltd.  
Test Report Number: CHTEW20090189

#### Additional documentation

- RED technical file by **Woan Technology (Shenzhen) Co., Ltd.**

### ADDITIONAL INFORMATION

None.

<< End of certificate >>