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MEDINBOX AIR

INSTALLATION GUIDE



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Introduction

This manual contains all the necessary information to use Medinbox Air, If you require any assistance, feel free to contact our Customer Support.

Warning and Precautions

Intended Use

Medinbox Air is intended to provide screen sharing and audio/video connectivity which can be used in a medical setting for technical support, education, training, information sharing, and peer-to-peer consultation.

Contra-Indication

Medinbox Air is not intended to be used in lieu of an attending physician with responsibility for clinical decisions.

Warning



Medical procedures must be conducted by trained and qualified physicians in the interventional lab or operating room. Medinbox is not to be used by a physician connected remotely to direct clinical actions or decisions to the attending physician completing the procedure.

Medinbox undertakes all reasonable precautions and technologies to anonymize all data collected in the context of the system in accordance with the provisions of the Personal Data Regulations. When using the system, you must take all necessary care to ensure that you do not collect personal data or identifying features, such as (but not limited to) the patient's name, face, or personal health information.


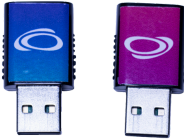
PART 1: BAG'S CONTENT

I. Main components :

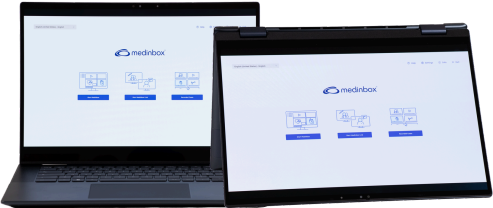

1. Cameras

| | |
|---|--|
| 2 AIRcam | 2 flexible tripods |
|  |  |



2. Audios & Micros

| | |
|---|---|
| 2 headsets | 2 dongles USB |
|  |  |

3. Laptop & Keyboard

| | |
|---|--|
| 1 Touchscreen Laptop 360° | 1 Mini Keyboard |
|  |  |

4. Video Converter & USB Hub


| | |
|---|--|
| 1 Video converter Multi to USB | 1 USB Hub |
|  |  |


II. Cables :

List of cables in the backpack :

- 2 USB A to C cables 5m (AIRcam)
- 1 USB A to B cable (converter)
- 1 DVI cable 2m
- 1 x 2m VGA cable
- 3 adapters (VGA/DVI, DVI/HDMI, DVI/DP)
- 1 x 5m Ethernet cable
- 1 USB power adapter
- Notebook power supply
- 2 USB dongles

III. Weight & Dimensions :

| Packaging | Dimensions | Weight (filled) |
|---|--|------------------|
|  | 50 x 30 x 20 cm 1.64 x 0.98 x 0.66 ft | 8 kg 17.6 lbs |

| Bag | Dimensions | Weight (filled) |
|---|--|--------------------|
|  | 29 x 21 x 47 cm 0.95 x 0.69 x 1.54 ft | 7.5 kg 15.4 lbs |

PART 2: INSTALLATION GUIDE

I. Preconisations before arrival

This manual contains all the necessary information to use Medinbox Air, If you require any assistance, feel free to contact our Customer Support.

1. Authorisations from Hospital

Before filming an intervention, ask the hospital for authorisation. The hospital ensures that the patient has given their consent.

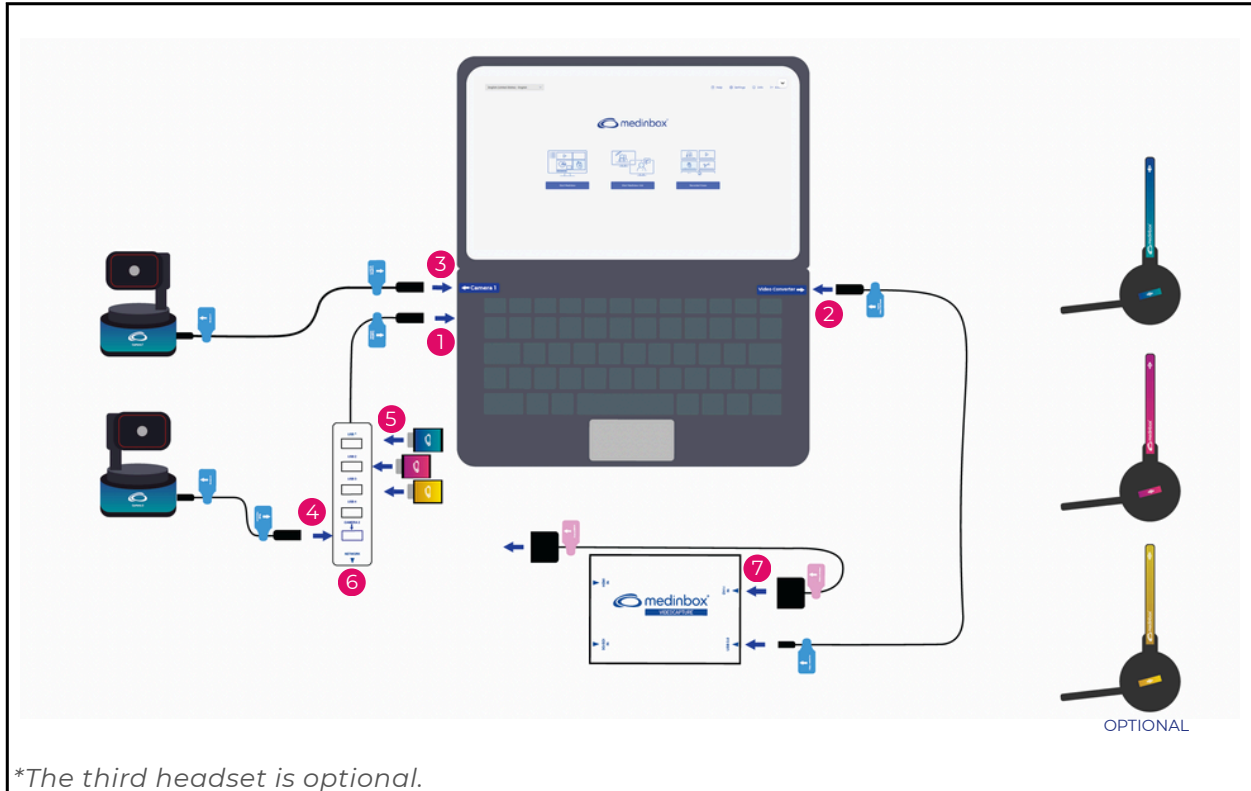
2. IT Authorisation - if connected to the internet of the hospital

- **Step 1:** Give the *Medinbox Network matrix document* to the Hospital IT service so they can open the ports for use of Teams, Zoom or Medinbox Link.
You will need to access these ports except only in case of a system upgrade or remote control, then the entire matrix will be required to maintain proper system use.
- **Step 2:** Communicate your mac address to the hospital IT service for accessing internet. Connecting internet via :
 - Hospital wifi : give the MAC address of the PC so they authorise the connection.
 - Ethernet cable : give the MAC address of the USB hub so they can authorise the connection.

3. Check Bluetooth headsets functionality

Ensure that the Bluetooth headsets are fully charged. We recommend plugging them in the night before.

II. Day of Installation : Connection procedure



• **Step 1: Connecting the Cables to the Laptop**

Plug in the power supply.

Note: Depending on the distance to the nearest power outlet, an extension cord may be required.

Connect the following components:

- The USB hub on the left of the laptop (no. 1 in the diagram on page 7).
- The video converter on the right-hand side of the laptop (no. 2 in the diagram on page 7).
- AIRcam 1 (camera) on the left-hand side of the laptop (no. 3 on diagram page 7).
- AIRcam 2 (camera) on the USB hub (no. 4 on diagram page 7).

Note: The AIRcam 2 is only intended for the last USB port on the USB Hub. Connecting it to any other port will result in system incompatibility.

- Headphone dongles on the USB Hub (#5 on diagram page 7).
- Internet cable on USB Hub (no. 6 on diagram page 7). **Optional*
- The desired video sources on the video converter (no. 7 on diagram page 7).

• **Step 2: Setting Up the Laptop - Mounting and Connecting to Wi-Fi**

Position the cart in the desired location.

Remove the laptop from the backpack and place it on the cart.

You can use it either in standard laptop mode or in tent mode by folding it accordingly.

Note: See page 11 for a visual reference of the setup.

Important: The user must request a suitable cart or table from the hospital in order to properly set up the laptop.

Power on the laptop after all cables have been connected, and enter the password provided with the system.

You can connect the laptop to the Wi-Fi network at any time – either before logging in or after reaching the desktop, by clicking the network icon in the bottom-right corner of the screen.

Make sure the hospital IT department has been informed and that you have the necessary permissions to connect to the network.

• **Step 3: Connecting the keyboard to the laptop**

1/ Installation procedure:

- Remove the USB receiver from its slot inside the battery compartment on the back of the keyboard.
- Connect the receiver to the USB port of the device you wish to use with the keyboard.
- Switch on the keyboard by turning the power switch to ON.
- To confirm, the blue LED lights up.

2/ Make sure the keyboard battery is fully charged:

- A steady blue signal indicates that the keypad is switched on, paired and that the battery is fully charged.
- If the light flashes blue, the battery is low. Use the supplied cable to recharge the battery.
- A steady red signal indicates that the battery is charging.

3/ To establish a connection with a new USB receiver :

- Insert the newly acquired receiver into the USB port.
- Switch on the keypad by pressing the “F1” key: the orange LED flashes rapidly, indicating that the keypad is in search mode.
- Hold down the “F1” key for 3 seconds, then release. The blue LED lights up to confirm pairing.

4/ Guidelines for mouse movements :

- Left mouse = Click once **1**
- Right mouse = Double-click = or click on **2**
- Scrolling screen = Two-finger scrolling



- **Step 4 : Installing and connecting cameras**

- Use the flexible tripods to install the cameras in the desired locations. – *Note:*
This could be on an IV pole or on the large display for example.
- Plug the cameras cables into the back of the associated cameras (camera 1 or camera 2).
- When using the software, cameras colour change according to the activation of some options :
 - Green : Camera is activated
 - Blue : Body Tracking
 - Violet : Screen Grabbing

- **Step 5 : Connecting the Headsets :**

1. **Activating the Dongle:**

Before starting the pairing process, press and hold the dongle button for 3 seconds to activate it.



2. **Turning on the Headset:**

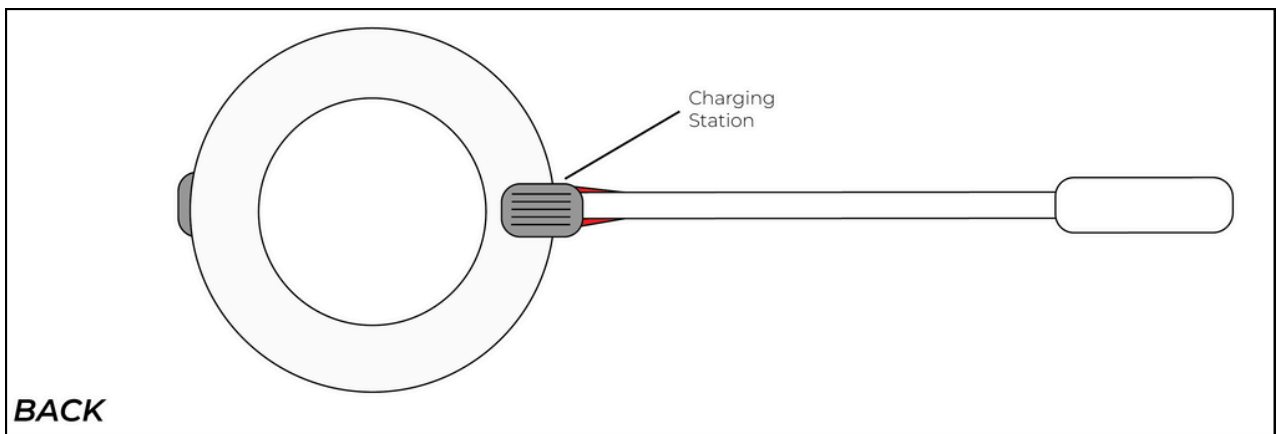
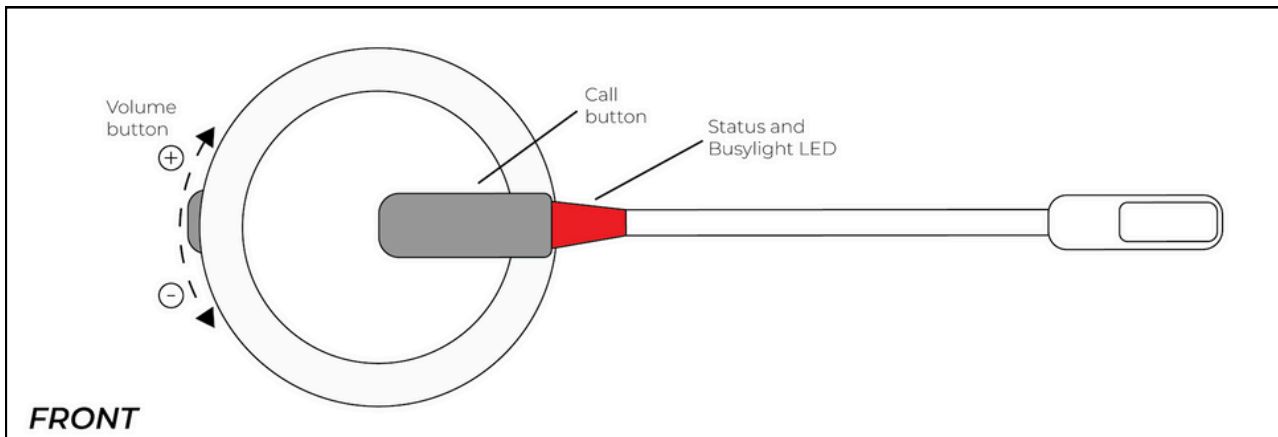
Press and hold the call button (located at the center of the ear cup) for 3 seconds. The ear cup will power on and flash blue.

3. **Preparing the Ear Cup for Connection:**

Press both the call button and the volume button simultaneously. A sound signal will announce "GAP Pairing" when the ear cup is ready.

Using the Headset During a Session:

- **Switching on:** Check that the indicator light is red. If it is, the headset is already on. If not, hold down the call button for 3 seconds to activate the headset. The headset is ready for use when the status light stays on.
- **Hanging Up:** Press the call button (located at the center of the ear cup).
- **Mute :** Click on the color of your headset, then select "MUTE" from the system, to deactivate it. **DO NOT CLICK ON THE "MUTE" BUTTON ON THE HEADSET.**
- **Adjusting the Volume:** Use the button at the back of the ear cup. Press up to increase the volume and down to decrease it.



Adding a second headset :

Press the call button on the primary headset. A voice prompt will play in the primary headset to accept the additional headset to the conference. The audio will now be shared between headsets. By default, the additional headset will be muted.

Switching off the headset :

- At the end of the session, press the Call button a few seconds on the primary headset, or dock the primary headset in the base to switch off the headset. You'll hear "Power off" to confirm.
- Repeat the same action to switch off the second headset.

• **Step 6 : Launch Medinbox Software & Check of parameters preferences**

Check that the settings match your preferences :

- Orientation of cameras : Cameras are set to auto but can be fine-tuned if needed.
- Connection with streaming video platform chosen (zoom, teams, etc).

7. Final result : Medinbox Air installed – teepee and laptop modes

| Medinbox Air installed in Teepee mode | Medinbox Air installed with laptop mode |
|---|--|
|  A black Medinbox Air device is shown in its Teepee mode. The screen displays the Medinbox logo at the top center, followed by three large, light-blue icons representing different modes: Teepee mode, Laptop mode, and Tablet mode. Below each icon is a blue button with the mode name. The device is tilted back, and the background is white. |  A black Medinbox Air device is shown in its Laptop mode. The screen displays the Medinbox logo at the top center, followed by three large, light-blue icons representing different modes: Teepee mode, Laptop mode, and Tablet mode. Below each icon is a blue button with the mode name. The device is open flat, and the background is white. |


APPENDIX: Compliance Information

(((SYNERGY)))

EU

Declaration of Conformity

No. AHB552826TPC-02001

1. Battery information:
 Battery model: AHB552826TPC-02
 Battery category: Rechargeable Li-Ion Battery Pack
 Electrical Rating: 4.2Vdc, 335mAh, 1.3Wh
2. Manufacturer information:
 Manufacturer Name: SYNergy ScienTech Corp
 Headquarters:
 Address: 6F-3, No.9, Prosperity 1st Rd., East Dist., Hsinchu Science Park, Hsinchu, Taiwan 30078
 Telephone: 886-3-5643700
3. This declaration of conformity is issued under the sole responsibility of the manufacturer.
 Declarer: SYNergy ScienTech Corp.
6F-3, No.9, Prosperity 1st Road, Hsinchu Science Park,
Hsinchu, Taiwan, 30078

4. Object of the declaration.
Rechargeable Li-Ion Battery Pack, Battery dimensions length: 26mm width: 28mm thickness: 55mm
For the corresponding traceability information on the battery body, please refer to the specification document.
5. The object of the declaration described in point 4 is in conformity with the relevant Union harmonisation:
 - Following the provisions of Cadmium, Lead and Mercury comply with the limits of the Regulation (EU) No 2023/1542 (As per the Article 6 and Annex I of the EU battery Regulation).
 - Following Article 13 (point 3), Article 19 and Article 20 of the Regulation (EU) No 2023/1542
6. References to the relevant harmonised standards or the common specifications used or references to the other technical specifications in relation to which conformity is declared:
 - Following the provision of REACH Annex XVII
 - Directive 2006/66/EC and Amendment 2013/56/EU.
 - IEC 62133-2:2017; IEC 62133-2:2017/AMD1:2021
7. Additional information:
 N/A

Signed for and on behalf of:
 Place of issue: 688 Nanhe Road, Economic & Technical Development Zone, Kunshan, Jiangsu, China
 Name: Jack Lu Function: QA Director Signature: Jack Lu 6/9 2024

Version 1.0



EU DECLARATION OF CONFORMITY

Name and Address of the manufacturer:
Dell Inc.
One Dell Way
MS: PS4-30
Round Rock, Texas USA 78682

Name and address of the authorised representative:
Dell Products Europe
Raheen Business Park
Limerick, Ireland
Contact: <https://support.dellproductcompliance.com>

This declaration of conformity is issued under the sole responsibility of Dell, Inc.

| OBJECT OF THE DECLARATION | |
|-------------------------------------|-------------------|
| Type of Object.....: | Portable Computer |
| Regulatory Model.....: | P133F |
| Regulatory Type ¹: | P133F001 |
| Trade/Manufacturer name.: | Dell |

The object of the declaration described above is in conformity with the following Directives:

- DIRECTIVE 2014/53/EU 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 and repealing Directive 1999/5/EC
- DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
- DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 21 October 2009 establishing a framework for the setting of eco design requirements for energy related products.

The object of the declaration described above has been assessed by the Notified Body TÜV Rheinland LGA Products GmbH with identification number 0197 against the essential requirements in Clause 3.2 of 2014/53/EU and the Type Examination Certificate Number RT 60173331 0001 was issued.

The object of the declaration is in compliance with the following European standards, regulations, and technical references:

| | |
|---------------|---|
| SAFETY | EN IEC 62368-1:2020 +A11:2020 EN IEC 62311:2020 EN 50566:2017 |
| EMC | EN 55032:2015 +A11:2020 EN 55035:2017 +A11:2020 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 |
| RoHS | EN IEC 63000:2018 |

¹ Regulatory Type uniquely identifies the product Tracking Number, radio, apparatus and EEE which is the object of this DoC.

ENERGY EN 50564:2011
EN 50563:2011/A1:2013
EN 62623:2013
Commission Regulation (EU) No. 617/2013
Commission Regulation (EU) No. 801/2013
Commission Regulation (EC) No. 1275/2008
Commission Regulation (EU) No. 2019/1782

RADIO EN 300 328 V2.2.2
EN 301 893 V2.1.1
EN 300 440 V2.2.1
EN 303 687 V1.1.1

SUPPLEMENTARY INFORMATION: The object of this declaration has been tested and found to comply with the electromagnetic compatibility (EMC) limits for a Class B digital device pursuant to the listed directives, regulations and standards. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential or business environment. Optional devices, such as radios, conform to the noted standard when the Dell Inc. provided devices are installed in the product. The equipment was tested in a typical configuration.

Round Rock, Texas, USA

Place of Issue

Hsiao, Greg

Full Printed Name

02/06/2024

Date Issue

Regulatory Principal Engineer

Position/Title

CDP133F001 2402

Dell Document Control



Signed for and on behalf of Dell Inc.



Verificate of Conformity

Certificate No.: 17ZCTE0703002EC

Applicant : Unisheen Technology CO.,LTD.
Address : Rm715, Block1, Huayun Building, Zhenxing Rd, Futian District, Shenzhen, China

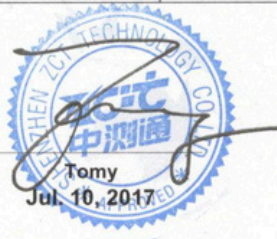
Manufacturer : Unisheen Technology CO.,LTD.
Address : Rm715, Block1, Huayun Building, Zhenxing Rd, Futian District, Shenzhen, China

Product : Video Capture Box

Brand Name : UNISHEEN

Model No. : UC3200H, UC3000H, UC3200S, UC3200HS, UC3500

| Requirement | Applied Standards | Document Evidence | Result |
|---------------|--|---------------------------------|---------|
| EMC Directive | 2014/30/EU | Test Report: 17ZCTE0703002ER | Conform |
| EMC Standards | EN 55032:2015 EN 55024:2010/A1:2015 EN 61000-3-2:2014 EN 61000-3-3:2013 | | |



Remark: This Certification of Conformity has been issued on a voluntary basis. ZCT confirms that a Technical Construction File (TCF) is existent for the above listed product(s). The TCF satisfactorily covers the essential requirements of the above listed Directive(s). Other relevant Directives have to be observed in case they are applicable. This Document is only valid for the equipment and configuration described and in conjunction with the TCF detailed above. Whereas the Manufacturer is responsible of the certification of the product(s) and not exempted to perform all the necessary activities before placing the product(s) on the market. The Manufacturer is also responsible of the internal production control to ensure the product(s) are in compliance with the essential requirements of the above mentioned Directive(s). It is recommended that the product bear the CE mark, the notified body number(s) as depicted to the right, only when all the essential requirements have been met, and has been filed with the European Commission. This certificate can be checked for validity at www.renzhengjiance.com

Shenzhen ZCT Technology Co., Ltd.

3/F., Building 5, Hongsheng Industrial Zone, Bao'an Road, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China.
 ☎ : 400-669-6965 ☎ : 86-755-23702323, ✉ : admin@renzhengjiance.com, 🌐 : http://www.renzhengjiance.com.



Shenzhen BALUN Technology Co., Ltd.

Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055.

VERIFICATION OF CONFORMITY

Certificate No.: BL-SZ2330823D01
Applicant: REMO TECH Co., Ltd
Address: Room 220, Building 6Qianhai Shenzhen-Hong Kong Youth Innovation and Entrepreneur Hub, Nanshan District, Shenzhen, China
Manufacturer: REMO TECH Co., Ltd
Address: Room 220, Building 6Qianhai Shenzhen-Hong Kong Youth Innovation and Entrepreneur Hub, Nanshan District, Shenzhen, China
Product: OBSBOT Tiny 2
Brand name: OBSBOT
Model name: OWB-2204-CE

The submitted sample of the above product has been tested according with following standards. Standard(s) used for showing compliance with the essential requirements in the **RED directive 2014/53/EU**:

| Applied Standards: | Report No.: |
|---|------------------|
| EN 55032: 2015+A1: 2020 EN 55035: 2017+A11: 2020 EN IEC 61000-3-2: 2019+A1: 2021 EN 61000-3-3: 2013+A2: 2021 | BL-SZ2330823-401 |



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Date of Issue: April 25, 2023

Tel: +86 755 66850100 Fax: +86 755 61824271 Email: qc@baluntek.com web: www.baluntek.com



Shenzhen BALUN Technology Co., Ltd.

Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, ShenZhen, Guangdong Province, P. R. China 518055.

ATTESTATION OF CONFORMITY

Certificate No.: BL-SZ2330823D02

Applicant: REMO TECH Co., Ltd

Address: Room 220, Building 6Qianhai Shenzhen-Hong Kong Youth Innovation and Entrepreneur Hub, Nanshan District, Shenzhen, China

Manufacturer: REMO TECH Co., Ltd

Address: Room 220, Building 6Qianhai Shenzhen-Hong Kong Youth Innovation and Entrepreneur Hub, Nanshan District, Shenzhen, China

Product: OBSBOT Tiny 2

Brand name: OBSBOT

Model name: OWB-2204-CE

The submitted sample of the above product has been tested according with following standards. Standard(s) used for showing compliance with the **UK Electromagnetic Compatibility Regulations 2016(S.I. 2016/1091)**:

| Test Standards: | Report No.: |
|---|------------------|
| BS EN 55032: 2015+A1: 2020 BS EN 55035: 2017+A11: 2020 BS EN IEC 61000-3-2: 2019+A1: 2021 BS EN 61000-3-3: 2013+A2: 2021 | BL-SZ2330823-401 |



(Technical Director)

Date of Issue: April 25, 2023

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