Bambu Lab S1 3D Scanner
Disclaimer and Safety Guidelines

Disclaimer and Warning

Thanks for purchasing a Bambu Lab product. The information in this document affects your safety and your legal rights and responsibilities. Read this entire document carefully to ensure proper configuration before use. Failure to read and follow instructions and warnings in this document may result in serious injury to yourself or others, damage to your Bambu Lab product, or damage to other objects in the vicinity. This document and other collateral documents are subject to change at the sole discretion of Bambu Lab.

By using this product, you hereby signify that you have read this disclaimer and warning carefully and that you understand and agree you are solely responsible for your own conduct while using this product, and for any consequences thereof. You agree to use this product only for purposes that are proper and in accordance with all applicable laws, rules and regulations, and all terms, precautions, practices, policies, and guidelines Bambu Lab has made and may make available. Bambu Lab accepts no liability for damage, or injury or any legal responsibility incurred directly or indirectly from the use of the product. The user shall observe safe and lawful practices including, but not limited to, those set forth in this document.

Bambu Lab is a trademark of Shenzhen Tuozhu Technology Co., Ltd. and its affiliated companies. Names of products, brands, etc., appearing in this manual are trademarks or registered trademarks of their respective owner companies.

Before You Start

The following documents have been produced to help you safely operate and make full use of your Bambu Lab product:

- Disclaimer and Safety Guidelines
- Quick Start Guide

Check that you have all the included parts. Please review the entire Quick Start Guide before operating the product. Read the Disclaimer and Warning above to understand your legal rights and responsibilities. If you have any questions or problems during the installation, maintenance, or use of this product, please contact Bambu Lab or a Bambu Lab authorized dealer.

Safety Guidelines

General Safety

1) Please inspect and maintain this product regularly in accordance with the manufacturer's instructions. After maintenance, please confirm that the product is in proper working condition before turning it back on.

2) This product should be used by personnel who have undergone necessary training or possess the necessary knowledge and experience.
3) Installation and maintenance must be carried out by skilled personnel in accordance with the manufacturer's operating instructions and local safety regulations. Before operation, please ensure that the product is switched off and disconnected from the power supply.
4) Please do not touch the machine with wet hands, feet, or body, or while barefoot.
5) The Product is not allowed to be used by children. Please keep it out of reach of children.
6) This product is designed for indoor use only and must be stored in a dry environment.
7) Please use the scanner in an environment with a temperature ranging from -10 °C to 40 °C.
8) Please store and use the scanner in an environment with humidity below 85% to avoid condensation.
9) Please place and use the scanner in a well-ventilated environment.
10) Please do not place flammable, explosive, or other hazardous items near the scanner.
11) Please do not place the scanner near an open flame or in a high-temperature environment.
12) Please refrain from unauthorized modification, disassembly, or repair of the scanner, as any damage or loss incurred as a result will not be covered by the product warranty.
13) If the product is found to be damaged, deformed, or have other abnormalities, please stop using it immediately and contact after-sales service personnel for inspection and repair.

Optical and Laser Safety

1) This product is equipped with a built-in laser emitter. Please avoid direct viewing of the laser beam and its reflected beam.
2) Please do not directly view the laser light source through optical instruments (such as telescopes, camera lenses, etc.), to avoid damage to the retina caused by the amplified laser beam.
3) Do not aim at people's or animals' eyes, faces, skin, etc.
4) It is prohibited to use reflective surfaces (such as mirrors, glass, etc.) in the path of the laser beam to avoid accidental injury caused by laser reflection.
5) When the laser is operating, do not open any casing or panel of the product.

6) This product complies with the IEC 60825-1 laser product safety standard. Please refer to the product label to confirm the laser class and operate in accordance with the safety requirements of the corresponding class.
7) Some products are equipped with fill-in flashlights, which may not be suitable for people with photosensitive epilepsy. Please operate with caution.

Battery and Charging Safety

1) This product has a built-in lithium-ion battery. Please use the charger and charging cable provided with the product for charging. Using non original charging devices may increase the risk of fire and other hazards.
2) When charging, please stay away from flammable and explosive materials and operate in a supervised environment.
3) Do not expose the battery to sources of fire, high-temperature environments, extremely low air pressure or water.
4) Do not disassemble, puncture, squeeze or modify the battery.
5) If the battery is found to be swollen, leaking, discolored, overheated, or has other abnormal conditions, please stop using it immediately and contact after-sales service.
6) To prevent over discharge of the battery due to long-term disuse, please charge it to 40%-60% every 3 months using standard charging and discharging methods, and store it in a cool and dry place.
7) Do not use batteries to reverse charge other devices. This behavior is equivalent to excessive discharge, which can cause adverse reactions inside the battery and lead to serious damage, generating a large amount of gas, and may even cause chemical leaks.
8) Lithium batteries do not have memory effects and can be charged as needed. However, lithium batteries cannot be over discharged, otherwise irreversible capacity loss may occur. When the battery level is low, please charge it promptly.
9) When the lithium battery is fully charged, it is necessary to unplug the charger in a timely manner, otherwise overcharging will also affect the battery life.
10) During transportation, the maximum transportation temperature should not exceed 65 °C. Attention should be paid to moisture prevention, avoiding squeezing, collision, puncture, etc., to prevent liquid leakage, heating, fire, explosion, etc.

Disposal and Recycling

1) This product contains lithium-ion batteries, please do not dispose of it with household waste. Improper disposal of discarded batteries may pose risks of environmental pollution, fire, or chemical leakage.
2) Before disposal, please ensure that the battery has been discharged and the metal terminals have been insulated (such as with tape) to prevent short circuits and fires.
3) Please dispose of discarded products or batteries through designated electronic waste (WEEE) recycling points, battery recycling stations, or retail recycling channels in accordance with local regulations.

Wireless and Network

1) This product has a built-in wireless network module. Please comply with the radio frequency usage regulations of the country or region where you are using it.
2) Please turn off the wireless function of the product in areas sensitive to wireless signals, such as medical institutions and airplanes.
3) Please refrain from using the wireless function of this product in places where the use of wireless devices is prohibited.

Heat Dissipation and Ventilation

1) This product is equipped with a built-in cooling fan. When using, ensure that the air inlet and outlet are not obstructed to ensure proper heat dissipation.
2) Please do not insert foreign objects into the scanner's cooling vents or air vents.

VISIBLE LASER RADIATION Notice

DO NOT STARE INTO BEAM
Emission Wavelength: 450 nm ± 10 nm
Pulse Duration: 1-5 ms
Single Pulse Max Output: 19 μJ
Frequency: 90 Hz
Beam Divergence: Cross line 45° × 30°; Parallel line: 45° × 21.56°; Single line 45°.
CLASS 2 CONSUMER LASER PRODUCT
Classification to IEC 60825-1: 2014, EN 60825-1: 2014+A11:2021, BS EN 60825-1:2014+A11:2021, CAN/CSA-E60825-1:15, AS/NZS IEC 60825-1:2014 and EN 50689:2021.

Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed.3, as described in Laser Notice No. 56, dated May 8, 2019.

Compliance Information

FCC Compliance Notice

Supplier's Declaration of Conformity
Product name: Bambu Lab S1
Model Number: DS001
Responsible Party: Shenzhen Tuozhu Technology Co., Ltd. (Bambulab USA Inc)
Responsible Party Address: 8000 Centre Park Drive, STE 330, Austin, TX, 78754
We, Shenzhen Tuozhu Technology Co., Ltd. (Bambulab USA Inc), being the responsible party, declare that the above mentioned model was tested to demonstrate compliance with all applicableFCC rules and regulations.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Operation in the 5150–5250 MHz band is limited to indoor use to reduce the potential for harmful interference to co-channel mobile-satellite systems and shall not be used on airplanes.

ISED Compliance Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux CNR exempts de licence d'Innovation, Sciences et Développement économique Canada. L'exploitation est soumise aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage. (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

ISED Radiation Exposure Statement

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure; users can obtain Canadian information on RF exposure and compliance.

Le dispositif est conforme à l'exemption des limites d'évaluation de routine de la section 2.5 de la norme RSS-102 et à la conformité à l'exposition aux RF de la norme RSS-102. Les utilisateurs peuvent obtenir des informations canadiennes sur l'exposition aux RF et la conformité.

Operation in the 5150–5250 MHz band is limited to indoor use to reduce the potential for harmful interference to co-channel mobile-satellite systems and shall not be used on airplanes.

L'utilisation de la bande 5150–5250 MHz est limitée aux environnements intérieurs afin de réduire le risque de brouillage préjudiciable aux systèmes mobiles par satellite co-canal et ne doit pas être utilisée à bord des avions.

EU Compliance Statement

Hereby, Shenzhen Tuozhu Technology Co., Ltd. declares that the equipment Bambu Lab S1 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: **https://bambulab.com/en/euro-compliance**

In all EU member states, the operation of 5150-5250 MHz is restricted to indoor use only.

RF Exposure Information (SAR)

This device meets the EU requirements (2014/53/EU) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

This device is intended for hand-held operation only. The device complies with the European SAR limit of 4.0 W/kg (averaged over 10 g of tissue) for limbs.

The highest SAR value reported for hand-held (limb exposure) operation is 3.01 W/kg.

UK Compliance Statement

Hereby, Shenzhen Tuozhu Technology Co., Ltd, declares that the radio equipment type Bambu Lab S1 is in compliance with Radio Equipment Regulations 2017. The full text of the GB declaration of conformity is available at the following internet address: **https://bambulab.com/en/euro-compliance**

In UK, the operation of 5150-5250 MHz is restricted to indoor use only.

UK PSTI Compliance Statement

Bambu lab hereby declares that our devices comply with 2023 No. 1007 CONSUMER PROTECTION The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023. For more information about UK PSTI compliance, please visit: **https://bambulab.com/psti-compliance**

Environmentally Friendly Disposal

Old electrical appliances must not be disposed of together with the residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycle valuable raw materials and the treatment of toxic substances.

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