

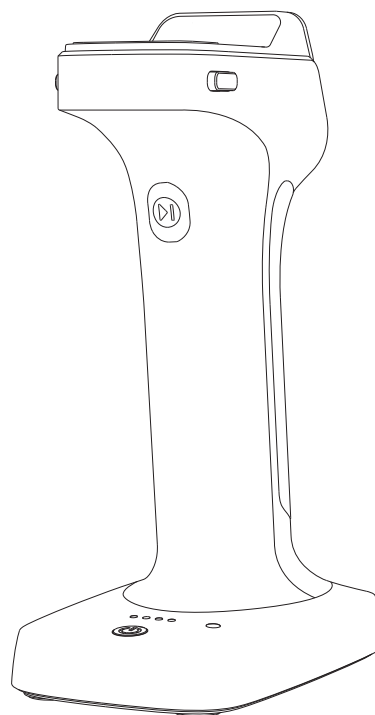
产品名称:无线手柄快速指南
单页尺寸:210X140MM
封面材质:210G铜版纸,双面过哑胶
内页材质:128G铜版纸,双面过哑胶
装订工艺:无线胶装
印刷工艺:四色印刷

—— 红色为出血线

Scan Bridge

Quick Guide

Small To Large. Scan It, Make It

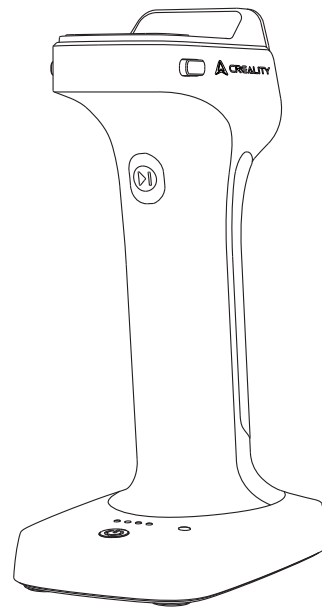


1. PRODUCT INTRODUCTION

Scan Bridge is a data bridge with a built-in WiFi 6 network card and battery. It can transmit the data of the 3D scanner to a computer or mobile phone for processing via a wireless network, thereby realizing wireless 3D scanning. Compatible with 3D scanners such as CR-Scan Raptor, Creality RaptorX and CR-Scan Otter .

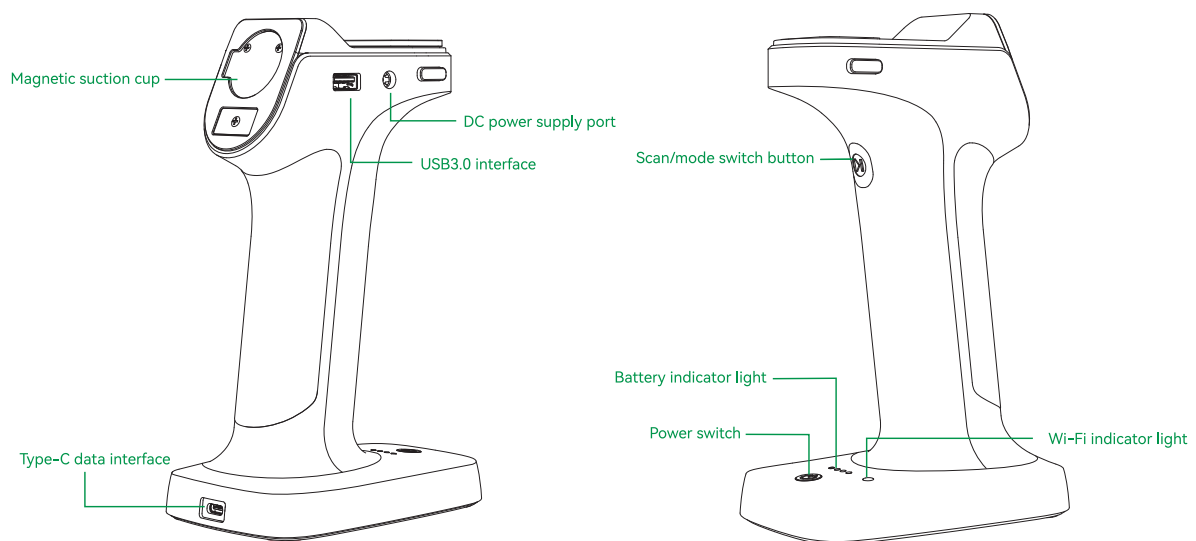
Key Features:

High-speed data transfer via WiFi 6
A mobile phone can be used as the scanner's display
Equipped with large-capacity battery (can achieve continuous scanning for more than 3 hours)
30W fast charging (full charge in 2.5 hours)
Intelligent power-saving



2. DEVICE INFORMATION

2.1 Equipment Introduction



2.2 Button/Interface Description

button	Scan bridge feedback	Indicator light feedback
	Press once to turn on the power; Long press (≥2s) to turn off the power; Long press (≥10s) to force shutdown.	WiFi indicator light turns blue
	Press once to start scanning, press again to pause. Long press (≥3s) to end scanning. Double-click to switch between 7-line laser or 17-line cross laser.	/
	Supports up to 30W fast charging for the scan bridge.	/
	12V_DC power supply interface, Provides power to the 3D scanner.	/
	USB3.0 communication interface,Transfers data between the scanner and the scan bridge.	/

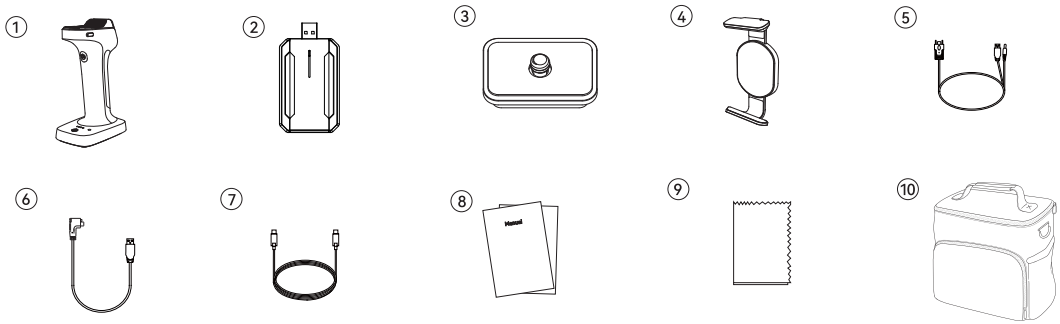
2.3 Indicator Light Description

Battery indicator	Scan bridge feedback
	4 lights on: Power 75%-100%
	3 lights on: Power 50%-74%
	2 lights on: Power 15%-49%
	1 light on: Power <15% (charging recommended)
WiFi Status Indicator	Indicator light feedback
	Steady blue light during startup, flashing blue when the W-Fi is ready.
	Steady green light when WiFi successfully connects with software.
	Steady red light when WiFi or upgrade fails.
	Steady yellow light during OTA upgrade.

2.4 Scan Bridge Parameters

Product Name	Scan Bridge
Compatible scanner	CR-Scan Otter, CR-Scan Raptor, Creality RaptorX
WiFi Protocols	WiFi6, backward compatible
Frequency band	5GHz
Transfer rate	Up to 50fps (laser line mode) Up to 30fps (infrared mode)
Battery Type	Lithium battery
Battery capacity	5000mAh (2 pcs)
Fast charging power	30W
Fast charging protocol	PD/AFC/FCP
Charging port	Type-C
Communication interface	USB-A/USB3.0
Power supply interface	DC12V/USB5V
Mobile phone holder	Magnetic
Power switch button	Mechanical
Scan switch button	Mechanical
size	193.7mm x 119.8mm x 81.7mm
weight	444g
Operating temperature	-10°C to 40°C
Operating humidity	0-90%RH

3. PACKING LIST



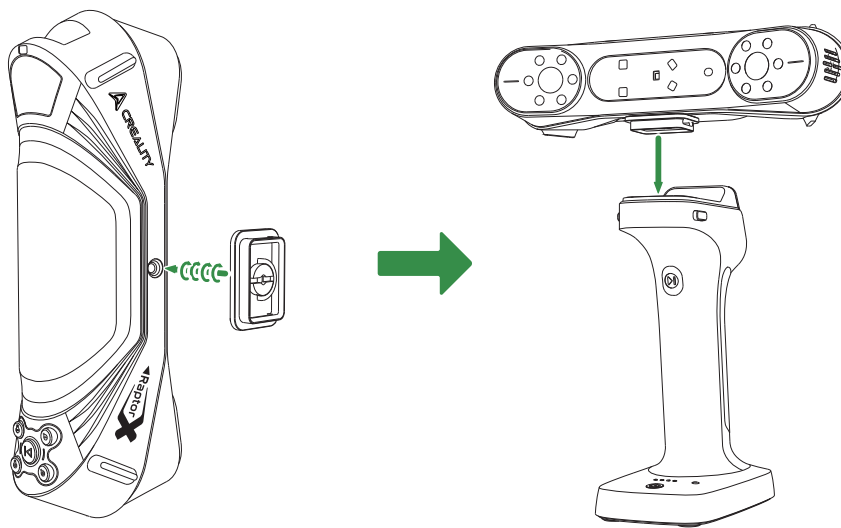
1. Scan Bridge	6. Scan Bridge data cable (only for otter version)
2. WIFI 6 USB Wireless Adapter(only for raptor series version)	7. Fast charging data cable
3. Hand-tightening quick-release card	8. Quick Operation Guide Certificate & Warranty Card
4. Magnetic phone holder	9. Desiccant
5. Scan Bridge data cable (only for raptor series version)	10. Accessory bag

4. WIRELESS SCANNING CONNECTION

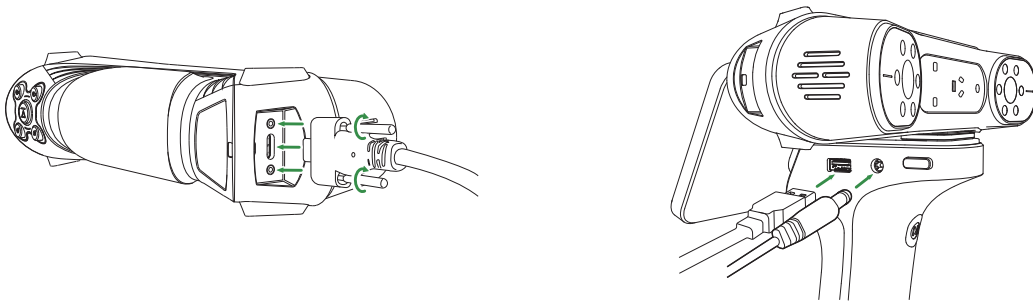
Since the Scan Bridge have different accessories for the Raptor series and the Otter series, the wireless connection of the Raptor and Otter series will be explained below.

4.1 Wireless Connection RaptorX/Raptor

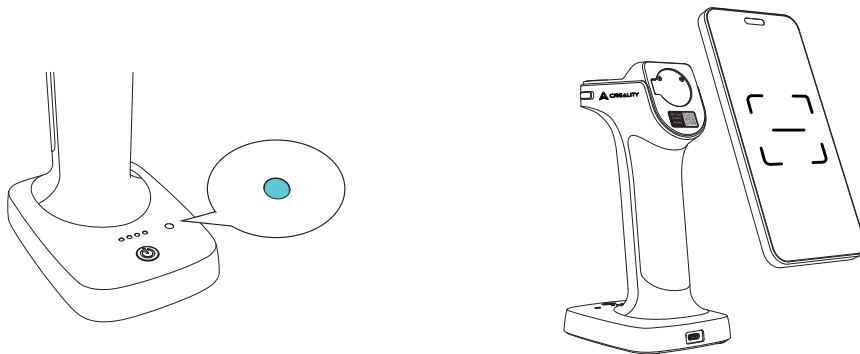
1. Install the RaptorX/Raptor scanner onto the Scan Bridge as shown in the diagram.



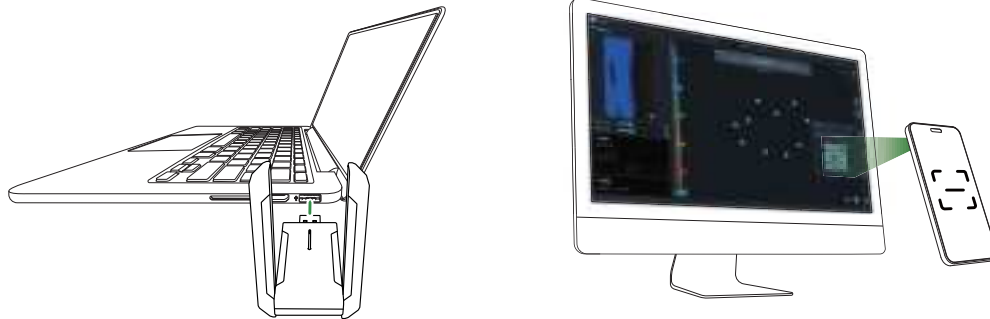
2. Connect the USB 3.0 data cable to the 3D scanner and the scan bridge as shown in the figure.



3. Short press the power switch. When the WiFi status indicator turns blue and flashes, it means that WiFi is ready. Use your mobile phone to scan the wireless QR code of the scan bridge to connect to WiFi, as shown in the figure.



4. Insert the Wireless adapter into the USB 3.0 port of the computer, connect the wireless network card to the wireless network of Scan Bridge , open the Creality Scan software on the computer , select Wireless Display in the function bar on the right side of the software, and scan the Wireless Display QR code with your mobile phone to ensure that the software screen on the computer can be synchronized to the mobile phone , as shown in the figure .



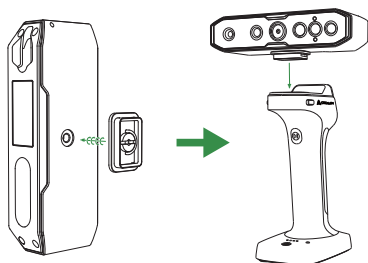
5. Clip the magnetic phone clamp on the phone, then fix it on the scan bridge, and then you can start wireless scanning, as shown in the picture.



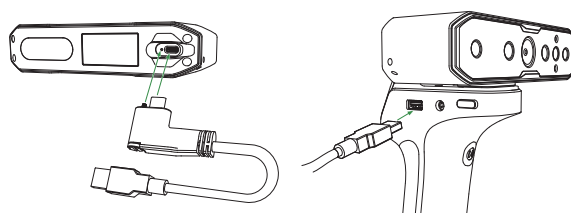
4.2 Wireless Connection Otter

4.2.1 Scan directly with your phone

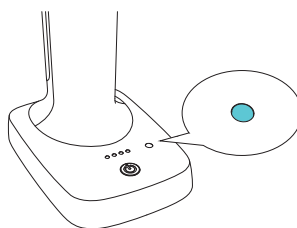
1. Install the Creality Scan APP on your phone.
2. Install the Otter scanner onto the Scan Bridge as shown in the figure.



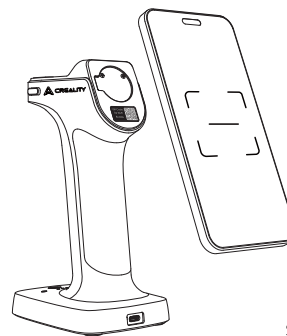
3. Connect the data cable between the 3D scanner and Scan Bridge as shown in the figure .



4. Short press the power switch. When the WiFi status indicator turns blue and flashes, it means that WiFi is ready. Use your mobile phone to scan the wireless QR code of the scan bridge to connect to WiFi, as shown in the figure.

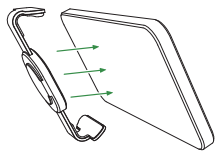


Step 1

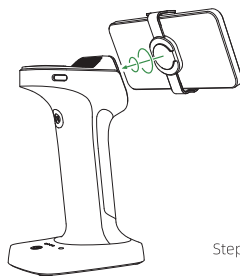


Step 2

5. Clip the magnetic phone clamp on the phone, then fix it on the scan bridge, open the Creality Scan software on the phone, and then start wireless scanning, as shown in the picture.



Step 3



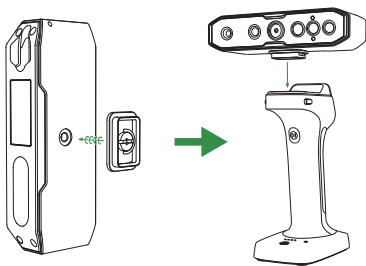
Step 4



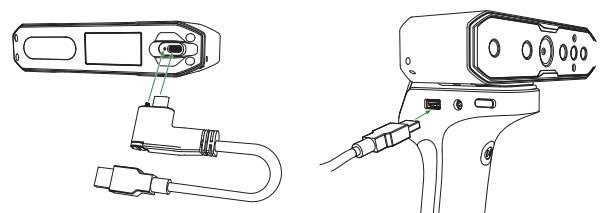
Step 5

4.2.2 Scan with a computer and use your phone as a screen

1. Install the Otter scanner onto the Scan Bridge as shown in the figure. A click indicates that the installation is successful.



2. Connect the data cable between the 3D scanner and Scan Bridge as shown in the figure.



3. Connect your computer to the Scan Bridge wireless network, open the Creality Scan software on the computer, select Wireless Display in the function bar on the right side of the software, and scan the Wireless Display QR code with your mobile phone to ensure that the software screen on the computer can be synchronized to the mobile phone, as shown in the figure.



4. Clip the magnetic phone holder onto the phone, then fix it on the scan bridge, and then you can start wireless scanning, as shown in the figure.



5. FAQs

1. Can the wireless controller be connected to multiple mobile phones and computers?

The wireless controller cannot be connected to multiple computers or mobile phones for scanning at the same time. If you change the device for scanning, you need to disconnect the previous connection first and reconnect the target device before you can scan normally.

2. What should I pay attention to when upgrading the wireless controller firmware?

When upgrading the firmware, you must first ensure that the power of the handle is greater than 25%. During the firmware upgrade process, keep the device stable and do not move it at will to prevent changes in the network environment from affecting the firmware upgrade, which may cause the device to crash in serious cases.

3. What should I do if the wireless controller cannot be connected on the APP or software side?

Long press the power button to turn off the wireless controller, then short press the power button to turn it on, wait for about 30 seconds, then search the wireless list of your phone or computer, search for the WiFi with the same WiFi name as the bottom of the wireless controller to connect. If you still cannot connect, try restarting the APP or software and try again.

4. What should I do if scanning is slow when connected to a scanner using a wireless controller?

Check whether the computer has correctly installed the driver of the wireless network card. After inserting the wireless network card, there is a driver in My Computer. Please install it correctly. After the installation is complete, you can query the WiFi6 device in the device manager. You can try to disable the wireless network card that comes with the machine to avoid connection errors. During the scanning process, try to ensure that there is no large gap between the computer and the wireless handle.

5. How to charge the wireless controller?

When only one of the power indicator lights on the wireless controller is on, please charge it in time. For charging, please bring your own charging head for existing electronic products on the market, connect it to the fast charging data cable, and plug it into the type-c port at the rear end of the controller base to charge. When all four lights are not flashing, it means it is fully charged. Under normal circumstances, a 20V-1.5A (30W) charging head can be fully charged in only 2.5 hours, and the charging time of other charging heads varies according to the power.

6. TROUBLESHOOTING

● What to do if the system cannot recognize the scanner :

Confirm that the device cables are properly connected

If the device is connected correctly, try to reconnect the power cord to see if the scanner can be reconnected.

If it is still not connected, please connect the USB cable of the device first, then plug in the power cord

● The Win computer cannot connect to the scanner;

If you are using a desktop computer, it is recommended to connect to the USB 3.0 port on the back of the host;

Confirm that you are using Windows 10/11 64bit system;

The installation path of the scanner software Creality Scan must be in an all-English path.

● What to do if you can't see the preview video stream in the application on Windows system?

Check whether the computer configuration meets the minimum configuration requirements of the scanner;

Check that the device is powered using the adapter that comes with the package and make sure it is connected properly;

Open the Windows Device Manager and check whether there is a "Creality RaptorX..." related camera in "Cameras";

Open Windows Settings - Privacy - Camera, confirm whether the system camera permission is turned on, and confirm whether the desktop application has permission to access the camera.

● What should I do if I can't see the preview video on the Mac application?

Check whether the computer configuration meets the minimum configuration requirements of the scanner;

Check that the device is powered using the adapter that comes with the package and make sure it is connected properly;

The scanner is updated to the latest firmware version;

Use a separate USB Type A to Thunderbolt or USB3 adapter. Try not to use a multi-function, multi-device USB C adapter.

Install CrealityScan directly in the App directory. Do not install it in a subdirectory under the App directory.

● In Windows system, what should I do if the USB3.0 interface is recognized as USB2.0?

You can try to quickly re-insert the USB cable, or first connect the USB cable to the USB 3.0 port on the PC, and then connect it to the USB type-C port on the scanner. For more questions,

please refer to the Creality Wiki: <https://wiki.creality.com/3d-scanner>

Comunidad de Facebook
Análisis, información compartida
y localización de fallos

Creality wiki
La guía paso a paso para
ayudarle a empezar



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REACH



FCC statements:

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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

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. 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.

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types CRP04SB has also been tested against this SAR limit.

The highest SAR value reported under this standard during product certification for use when properly worn on the body is 1.575 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 0mm from the body.

To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 0mm separation distance between the user's body and the back of the handset.

The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be Avoided.

The device for operation in the band 5150 – 5350 MHz (for IC: 5150-5250 MHz) is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

“5150 à 5250 MHz Pour usage intérieur seulement”

IC statements:

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:

this device may not cause interference, and

this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada RSS exemptes de licence standard(s).

Son fonctionnement est soumis aux deux conditions suivantes:

(1) cet appareil ne peut pas provoquer d'interférences, et

(2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device has been tested for compliance with IC SAR values at a typical operating near the body. To ensure that RF exposure levels below the levels tested, use accessories with this equipment to maintain a minimum separation distance of 0mm between the body of the user and the device. These accessories should not contain metallic components. It is possible that the accessories used close to the body that do not meet these requirements are not consistent with the SAR limits and it is advisable to avoid using them.

Ce dispositif a été testé pour la conformité avec les valeurs SAR à un fonctionnement typique près du corps. Pour assurer que les niveaux d'exposition aux radiofréquences en deçà des niveaux testés, utiliser des accessoires avec cet équipement pour maintenir une distance de séparation minimale de 0mm entre le corps de l'utilisateur et l'appareil. Ces accessoires ne doivent pas contenir des composants métalliques. Il est possible que les accessoires utilisés près du corps qui ne répondent pas à ces exigences ne sont pas compatibles avec les limites SAR et il est conseillé d'éviter de les utiliser.

CE:

Declaration of Conformity Hereby, Shenzhen Creality 3D Technology Co., Ltd. declares that the radio equipment type Scan Bridge is in compliance with directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: www.creality.com



The SAR limit of Europe is 2.0 W/kg for the head and Body, 4.0W/kg for the limbs. Device type Scan Bridge has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use when properly limbs is 1.204W/kg. This device was tested for typical body-worn operations with the back of the handset kept 0cm from the body. To maintain compliance with RF exposure requirements, use accessories that maintain a 0cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.

5150 – 5350 MHz can be used indoor only.



Frequency bands and power

Frequency bands and power

Radio	Frequency	Power
5G	5150-5350 MHz	10W
5G	5150-5350 MHz	10W

Warning:- replacement of a battery with an incorrect type that can defeat a safeguard;
 - disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
 - leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and
 - a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

This product can be used across EU member states.

Do not use the device in the environment at too high or too low temperature, never expose the device under strong sunshine or too wet environment.

The suitable temperature for the product and accessories is -10 °C ~ 40 °C .