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› Creality Scan Bridge for CR-Scan Otter Instruction Manual

Creality ScanBridge_Otter

Creality Scan Bridge for CR-Scan Otter Instruction Manual

Model: ScanBridge_Otter | Brand: Creality

1. INTRODUCTION

The Creality Scan Bridge is an innovative accessory designed to enhance the portability and efficiency of your 3D scanning experience, specifically optimized for the **CR-Scan Otter** 3D scanner. This device facilitates wireless data transmission and screen mirroring, allowing for a more flexible and collaborative workflow.

With its advanced features like WiFi 6 connectivity, fast charging, and smart application integration, the Scan Bridge redefines how you interact with your 3D scanner, making outdoor and on-site scanning more convenient and worry-free.

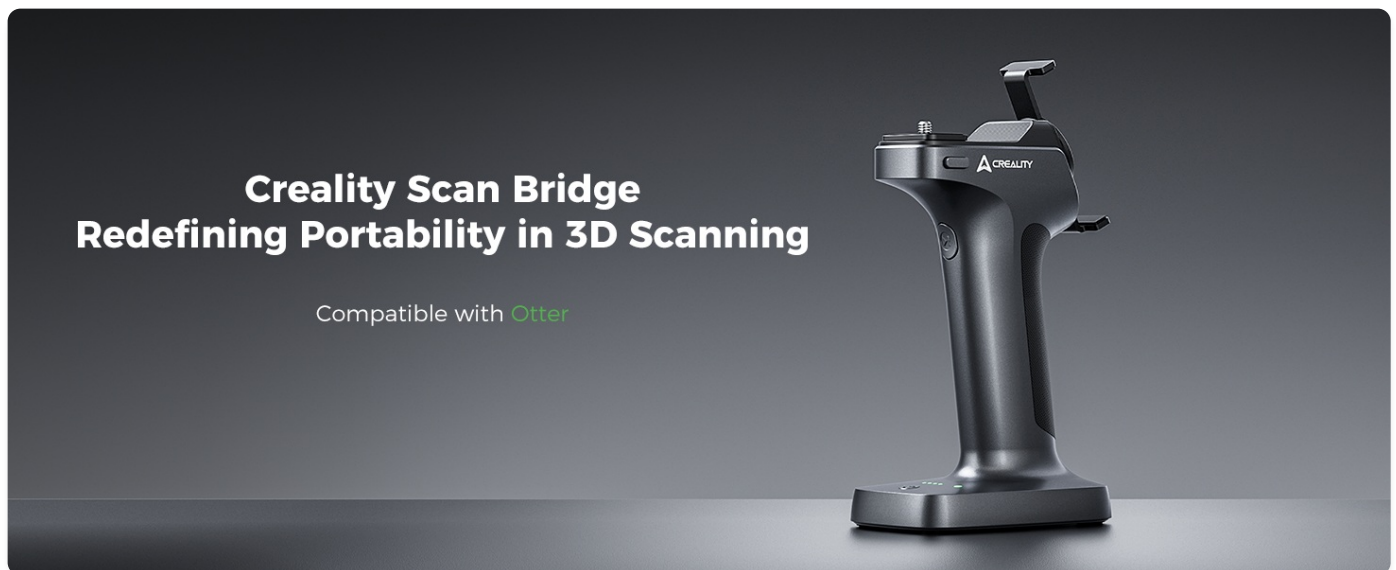


Image: The Creality Scan Bridge, highlighting its role in portable 3D scanning.

2. KEY FEATURES

- **Portable WiFi 6 Wireless Scan:** Supports wireless screen mirroring, enabling real-time projection of scanned images to mobile devices for multi-terminal collaboration and inspection.
- **Wireless Screen Mirroring:** Equipped with an advanced lossless data compression algorithm, allowing quick and easy transfer of scans over Wi-Fi 6 from the scanner to your computer or mobile device. Laser mode up to 45fps, NIR mode up to 20fps.
- **Creality Scan Smart Phone Application:** Supports direct scanning via the Creality Scan app on your smartphone, offering convenience and ease of use.

- **Large Capacity & Fast Charging:** Charges to 80% in just 1.5 hours. Features a 36000mWh battery (Airplane Safe) for continuous scanning up to 4 hours. Includes a Type-C interface for universal compatibility.
- **Intelligent Power-saving:** Automatically powers off when idle for a period of time to conserve battery life.
- **Lightweight and Compact:** Ergonomic design ensures comfortable use for extended periods, weighing approximately 474g.



Image: A user demonstrating the portability of the Creality Scan Bridge during a 3D scanning operation.

WiFi 6 AX6000

Fast Data Transmission



Image: Visual representation of the Creality Scan Bridge's WiFi 6 AX6000 fast data transmission capability and lightweight design.

3. SETUP GUIDE

3.1 What's in the Box

- ScanBridge Otter unit
- Necessary cables (Type-C)
- Mobile phone clip
- Portable case (if included in package)

Lightweight Portable Case



Image: The Creality Scan Bridge and its included accessories, neatly arranged with the portable case.

3.2 Initial Setup

1. **Charge the Scan Bridge:** Before first use, fully charge the Scan Bridge using the provided Type-C cable and a compatible power adapter. The device supports fast charging, reaching 80% in approximately 1.5 hours.
2. **Attach the Mobile Phone Clip:** Securely attach the magnetic mobile phone clip to the designated area on the Scan Bridge. This allows you to mount your smartphone for real-time viewing and control.
3. **Connect your CR-Scan Otter:** Connect your CR-Scan Otter 3D scanner to the Scan Bridge using the appropriate cable. The magnetic quick setup ensures a secure and stable connection.
4. **Power On:** Press the Power ON/OFF button to turn on the Scan Bridge. Observe the working status display for battery level and connection status.

Magnetic Quick Setup & Working Status Display



Image: Close-up of the magnetic quick setup mechanism and the LED indicators for working status display on the Scan Bridge.

4. OPERATING INSTRUCTIONS

4.1 Connecting to Your Device

1. **Download Creality Scan App:** Ensure you have the Creality Scan application installed on your smartphone.
2. **Establish WiFi Connection:** Turn on the Scan Bridge and your smartphone's Wi-Fi. Connect your smartphone to the Scan Bridge's Wi-Fi network.
3. **Launch Creality Scan App:** Open the Creality Scan app. The app should automatically detect and connect to the Scan Bridge and the attached CR-Scan Otter.

Creality Scan Smart Phone Application



CrealityScan

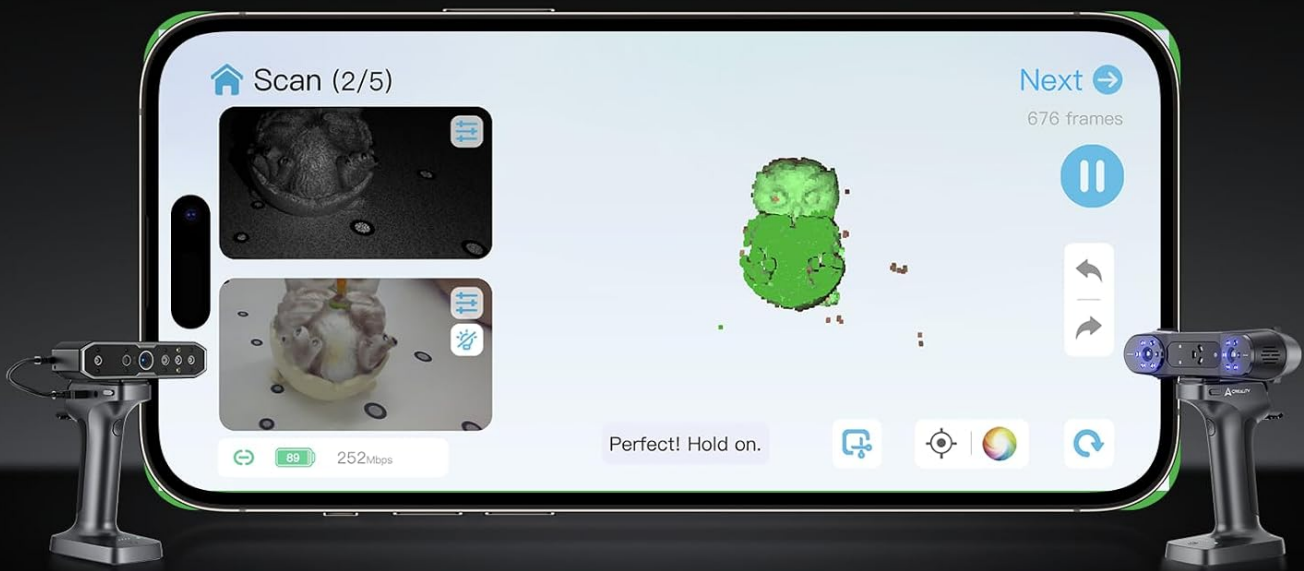


Image: Screenshot of the Creality Scan smartphone application interface, showing a 3D scan in progress.

4.2 Wireless Screen Mirroring

Once connected, the Scan Bridge enables real-time wireless screen mirroring of the 3D scanning process to your smartphone or computer. This feature allows for immediate visual feedback and collaborative viewing.

- **Real-time Projection:** View the scanned object and progress directly on your mobile device's screen.
- **Multi-terminal Collaboration:** Share the live scan feed with others for inspection or demonstration purposes.
- **High Transmission Rate:** Experience smooth data transfer with laser mode up to 45 frames per second (fps) and NIR mode up to 20 fps.

Wireless Screen Mirroring

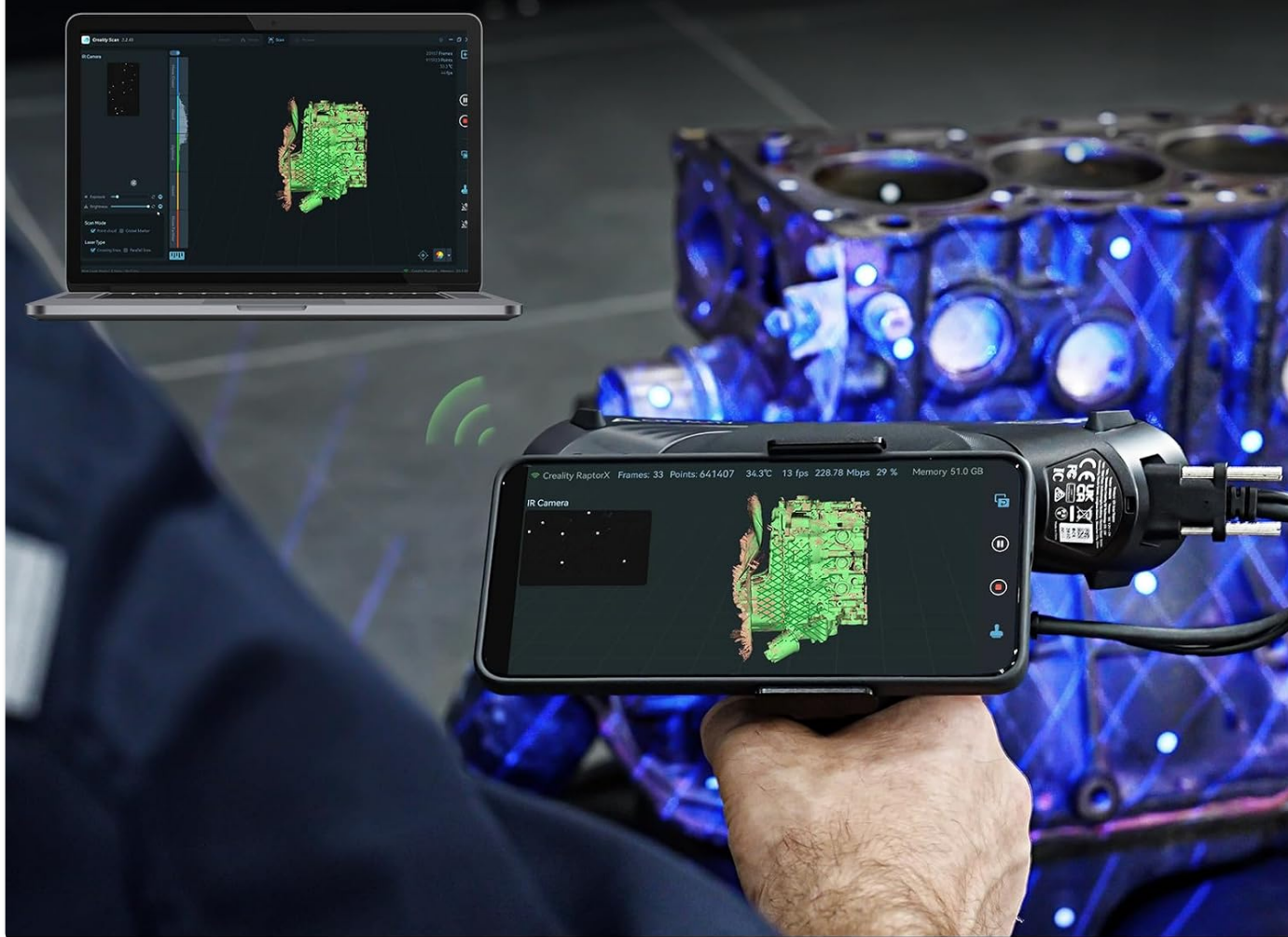


Image: Illustration of wireless screen mirroring functionality, showing the scan data displayed on both a smartphone and a laptop.

4.3 Scanning Operation

Use the Scan/Pause button on the Scan Bridge to control the scanning process directly. Refer to your CR-Scan Otter's manual and the Creality Scan app for detailed instructions on specific scanning modes and techniques.

5. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the Scan Bridge. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Utilize the portable case for protection during transport and storage.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the device regularly, even if not in active use. The intelligent power-saving feature helps conserve battery during idle periods.
- **Firmware Updates:** Periodically check the Creality official website or the Creality Scan app for any available firmware updates for the Scan Bridge to ensure optimal performance and compatibility.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

- **Device not powering on:**
 - Ensure the battery is charged. Connect to a power source and allow it to charge for a few minutes before attempting to power on again.
 - Check the Type-C cable and power adapter for any damage.
- **Unable to connect to Wi-Fi:**
 - Ensure the Scan Bridge is powered on and its Wi-Fi indicator is active.
 - Restart both the Scan Bridge and your smartphone/computer.
 - Check your device's Wi-Fi settings to ensure you are selecting the correct network.
- **No real-time display in Creality Scan app:**
 - Verify that the CR-Scan Otter is properly connected to the Scan Bridge.
 - Ensure the Creality Scan app is updated to the latest version.
 - Check the Wi-Fi connection stability between your device and the Scan Bridge.
- **Slow data transmission:**
 - Ensure there are no significant obstructions between the Scan Bridge and your receiving device.
 - Minimize interference from other wireless devices.
 - Confirm that your receiving device supports Wi-Fi 6 for optimal performance.

If you encounter issues not listed here, please refer to the official Creality support resources or contact customer service.

7. SPECIFICATIONS

Specifications

Product name:	Scan Bridge
Compatible scanner models:	CR-Scan Otter
WiFi protocol:	WiFi6 (and below)
Frequency band:	5GHz
Transmission rate:	Laser mode up to 45fps NIR mode up to 20fps
Battery type:	Lithium battery
Battery capacity:	36000mWh
Fast charging power:	30W
Fast charging protocol:	PD/AFC/FCP
Charging interface:	Type-C
Communication interface:	USB-A/USB3.0
Power supply interface:	DC12V/USB5V
Mobile phone clip:	Magnetic type
Power ON/OFF button:	Mechanical type
Scan/Pause button:	Mechanical type
Dimension:	194mm x 120mm x 82mm
Weight:	474g
Working temperature:	-10°C to 40°C
Working humidity:	0-90%RH



Image: Detailed specifications table for the Creality Scan Bridge.

Feature	Detail
Product Name	Scan Bridge
Compatible Scanner Models	CR-Scan Otter

WiFi Protocol	WiFi 6 (and below)
Frequency Band	5GHz
Transmission Rate (Laser Mode)	Up to 45fps
Transmission Rate (NIR Mode)	Up to 20fps
Battery Type	Lithium battery
Battery Capacity	36000mWh
Fast Charging Power	30W
Fast Charging Protocol	PD/AFC/FCP
Charging Interface	Type-C
Communication Interface	USB-A/USB3.0
Power Supply Interface	DC12V/USB5V
Mobile Phone Clip	Magnetic type
Power ON/OFF Button	Mechanical type
Scan/Pause Button	Mechanical type
Dimension	194mm x 120mm x 82mm
Weight	474g
Working Temperature	-10°C to 40°C
Working Humidity	0-90%RH

8. WARRANTY AND SUPPORT

Creality products typically come with a limited warranty. Please refer to the warranty card included with your product or visit the official Creality website for detailed warranty terms and conditions specific to your region.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Creality customer service through their official channels. You can often find support information, FAQs, and contact details on the [Creality Official Store on Amazon](#) or their dedicated support website.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question