**Creality Bridge for Otter**

# Creality Scan Bridge for Otter User Manual

Model: Bridge for Otter

## 1. Introduction

The Creality Scan Bridge for Otter is an advanced data transmission device designed to enhance the wireless capabilities of your Creality CR-Scan Otter 3D scanner. Featuring a built-in WiFi 6 network card, it facilitates seamless, high-speed wireless transfer of 3D scanner data to your computer or mobile phone, streamlining your scanning workflow. This manual provides detailed instructions for setting up, operating, and maintaining your Scan Bridge to ensure optimal performance.




Image: The Creality Scan Bridge, designed for use with the Creality CR-Scan Otter 3D scanner, showcasing its form factor and how the scanner attaches.

## 2. Key Features

- **Powerful Data Transmission:** Equipped with a WiFi 6 network card for high-speed wireless data transfer (up to 50fps in laser line mode, 30fps in infrared mode) to computers or mobile phones.
- **Mobile Phone Compatibility:** Allows your mobile phone to serve as the scanner's display for convenient operation.
- **Long-lasting Battery:** Large-capacity battery supports over 3 hours of continuous scanning.
- **Fast Charging:** Supports 30W fast charging, reaching full charge in approximately 2.5 hours.
- **Intelligent Power-saving:** Automatically powers off when idle to conserve battery life.
- **User-Friendly Design:** Features a magnetic suction cup for easy installation, intuitive buttons, and clear indicator lights.
- **Broad Compatibility:** Specifically designed for the Creality CR-Scan Otter, with specialized data cables for

seamless integration.




Image: The Scan Bridge highlighting its compatibility with various Creality 3D scanners, including Otter, Raptor, and RaptorX, and mentioning specialized data cables.




Image: Visual representation of the Scan Bridge's key features: fast charging via Type-C, a 5000mAh large capacity battery, magnetic quick setup for the scanner, and clear LED indicators for battery and Wi-Fi status.

## 3. What's in the Box

- Scan Bridge (Otter Version)
- Hand-tightening quick-release card
- Magnetic phone holder
- Fast charging data cable
- Suspenders
- Scan Bridge data cable (for Otter version)
- Accessory bag




| | |
|---|---|
| 1、Scan Bridge | 5、suspenders |
| 2、Hand-tightening quick-release card | 6、can Bridge data cable ( only for otter version) |
| 3、Magnetic phone holder | 7、Accessory bag |
| 4、Fast charging data cable | |

Image: A layout of all components included in the Scan Bridge package, clearly labeled with numbers corresponding to the list of items.

# 4. Equipment Introduction and Setup

## 4.1 Device Overview

Familiarize yourself with the various ports, buttons, and indicators on the Scan Bridge:




Image: Detailed diagram illustrating the various components and interfaces of the Scan Bridge, including its magnetic suction cup, power ports, data interfaces, and control buttons.

## 4.2 Button and Interface Description

| Icon | Description |
| --- | --- |
| | **Power Button:** Press once to turn on. Long press (≥2s) to turn off. Long press (≥10s) for force shutdown. |
| | **Scan/Mode Switch Button:** Press once to start scanning, press again to pause. Long press (>3s) to end scanning. Double-click to switch between 7-line laser and 17-line cross laser modes. |
| | **Type-C Data Interface:** Supports up to 30W fast charging for the Scan Bridge. |
| | **12V DC Power Supply Interface:** Provides power to the 3D scanner. |

| Icon | Description |
| --- | --- |
|  | **USB3.0 Communication Interface:** Transfers data between the scanner and the Scan Bridge. |

### 4.3 Initial Setup

Before first use, ensure the Scan Bridge is fully charged. Connect a compatible USB-C charger to the Type-C data interface.
To install the Otter scanner onto the Scan Bridge:

1. Align the Otter scanner with the magnetic suction cup on the Scan Bridge.
2. Gently press the scanner onto the Scan Bridge until it clicks into place, indicating a secure connection.
3. Connect the specialized data cable between the Otter scanner and the Scan Bridge's USB3.0 interface.

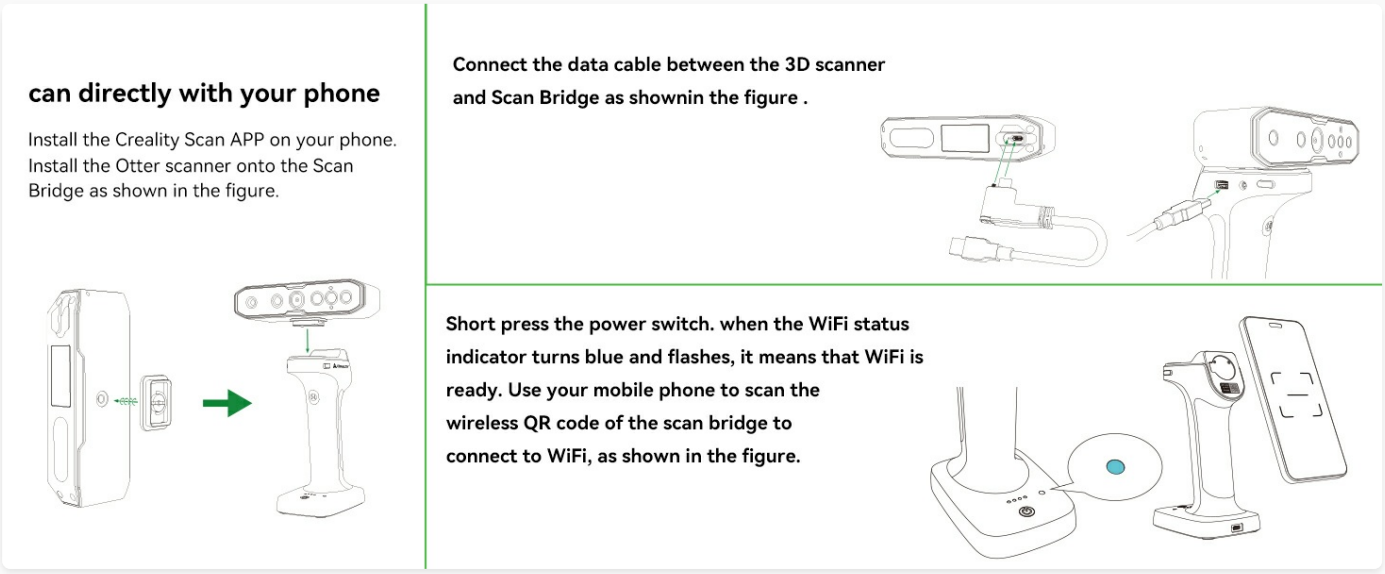



Image: Step-by-step visual guide for attaching the Otter scanner to the Scan Bridge and connecting the necessary data cable.

## 5. Operating Instructions

### 5.1 Wireless Scanning with Mobile Phone

To use your mobile phone as the display and control for the scanner:

1. Install the "Creality Scan" APP on your mobile phone.
2. Ensure the Otter scanner is securely installed on the Scan Bridge and connected via the data cable.
3. Short press the power switch on the Scan Bridge. The Wi-Fi status indicator will turn blue and flash, indicating Wi-Fi is ready.
4. Use your mobile phone to scan the wireless QR code displayed by the Scan Bridge to connect to its Wi-Fi network.
5. Clip the magnetic phone holder onto your phone, then fix it onto the Scan Bridge.
6. Open the Creality Scan software on your phone and begin wireless scanning.

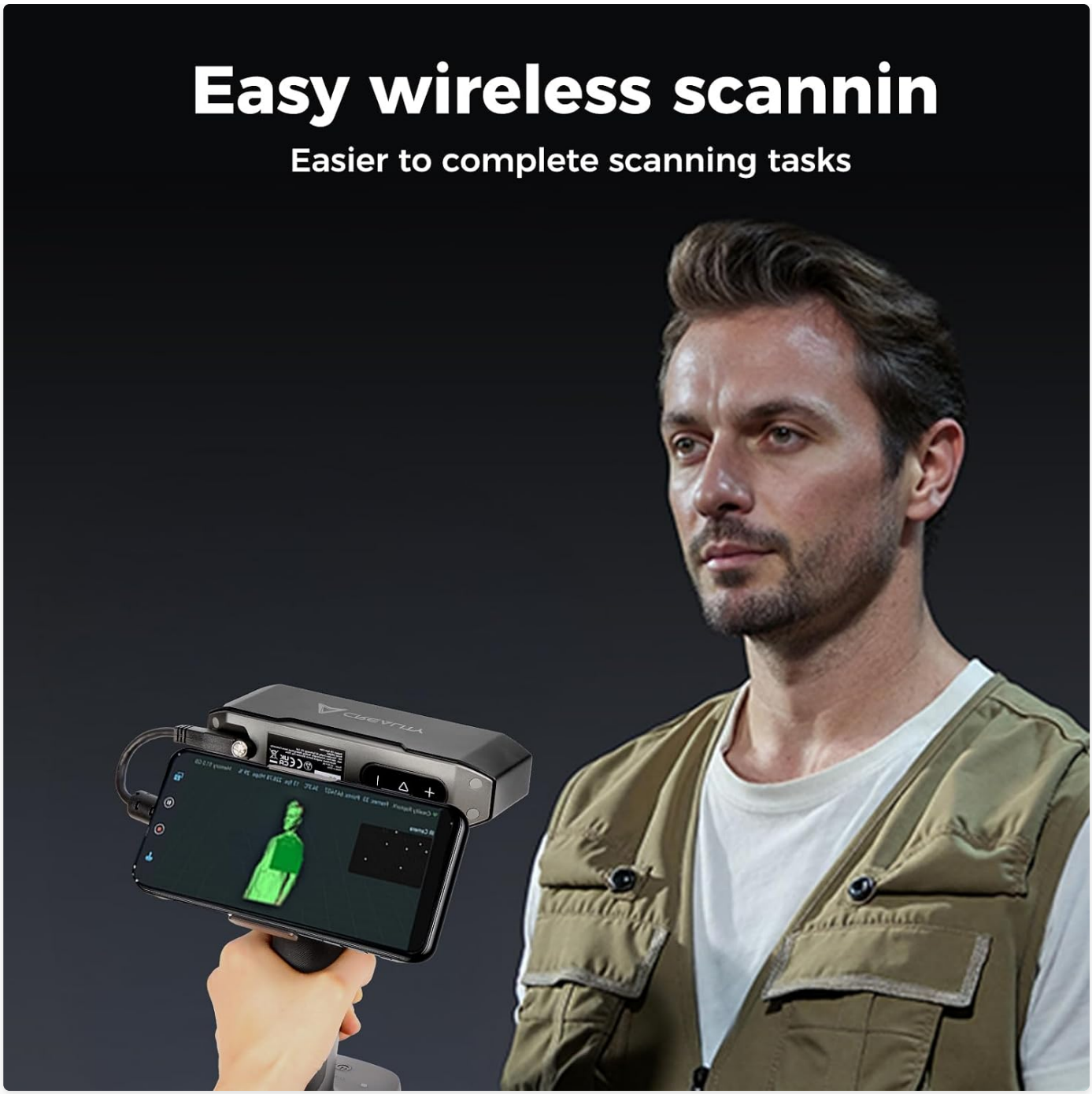
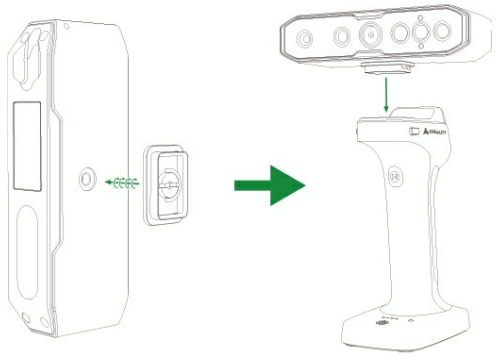



Image: A user demonstrating the ease of wireless scanning by using the Scan Bridge with a smartphone as the display.

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

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



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

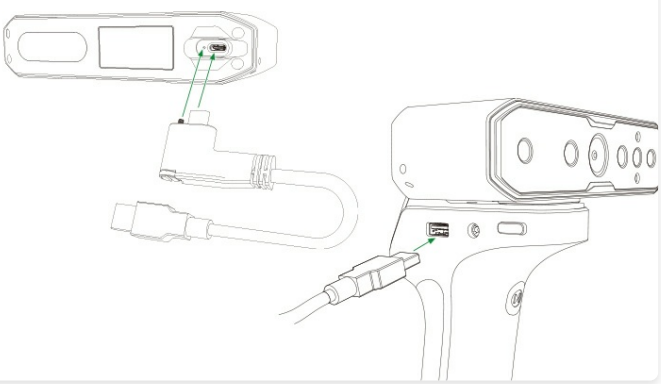


Image: Instructions on how to clip the magnetic phone clamp onto a smartphone and then attach it to the Scan Bridge for wireless

operation.

### 5.2 Scanning with Computer (Phone as Screen)

For computer-based scanning while using your phone as a secondary display:

1. Ensure the Otter scanner is securely installed on the Scan Bridge and connected via the data cable.
2. Connect your computer to the Scan Bridge's wireless network.
3. Open the Creality Scan software on your computer.
4. In the software's function bar, select "Wireless Display".
5. Scan the Wireless Display QR code with your mobile phone to synchronize the software screen to your phone.
6. You can now proceed with scanning using the computer software, with your phone mirroring the display.

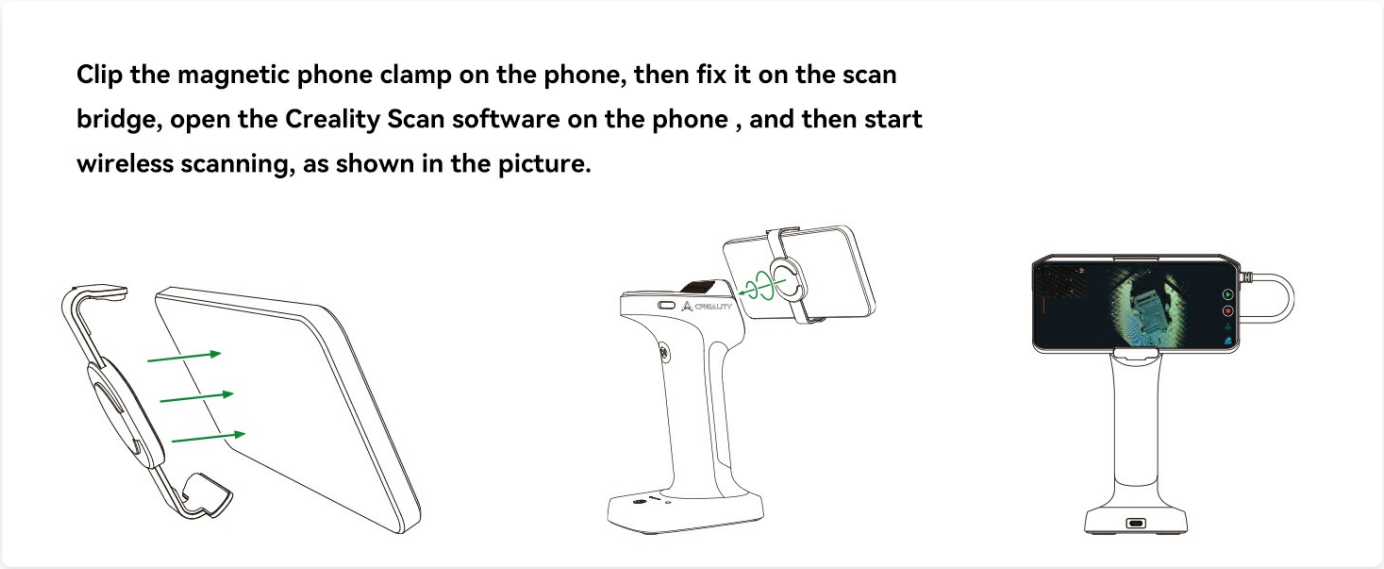



Image: Visual guide for connecting the Scan Bridge to a computer and setting up a smartphone to act as a wireless display for the scanning software.

## 6. Maintenance

- **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.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Firmware Updates:** Periodically check the official Creality website or the Creality Scan APP for firmware updates to ensure optimal performance and compatibility.

## 7. Troubleshooting

This section addresses common issues and provides solutions:

- **Device Connection Limitations:** Ensure the Scan Bridge is within range of your computer or mobile device's Wi-Fi. Obstructions can affect signal strength.
- **Firmware Upgrade Precautions:** Always follow official instructions for firmware upgrades. Do not power off the device during an upgrade.

- **Connection Issues (APP/Software):**
  - Verify the Scan Bridge's Wi-Fi indicator is blue and flashing.
  - Ensure your mobile phone or computer is connected to the Scan Bridge's Wi-Fi network.
  - Restart the Creality Scan APP/software and the Scan Bridge.
- **Slow Scanning Problems:**
  - Check for strong Wi-Fi signal.
  - Ensure no other high-bandwidth activities are occurring on the network.
  - Verify the scanner's settings (e.g., resolution) are appropriate for your system's capabilities.
- **Charging Instructions:** Use a 30W compatible Type-C charger for optimal fast charging. If charging is slow, check the charger and cable.
- **System Recognition Issues (Windows/Mac):**
  - Ensure necessary drivers are installed (if applicable, usually handled by software).
  - Try a different USB port on your computer.
  - Restart your computer and the Scan Bridge.
- **Video Preview Problems:**
  - Check Wi-Fi connection stability.
  - Ensure the Creality Scan APP/software is up to date.
  - Reduce the scanner's frame rate settings if available.

## 8. Specifications

| Attribute | Detail |
|---|---|
| Model Number | Bridge for Otter |
| Package Dimensions | 9.8 x 9.29 x 5.71 inches |
| Item Weight | 2.73 Pounds |
| Batteries | 2 Lithium Ion batteries required (included) |
| Manufacturer | Creality |
| ASIN | B0DLNP2XR3 |
| Country of Origin | China |
| Wireless Standard | WiFi 6 (5GHz band) |
| Max Transmission Rate (Laser Line Mode) | 50fps |
| Max Transmission Rate (Infrared Mode) | 30fps |
| Battery Life (Continuous Scanning) | Over 3 hours |
| Charging Time (30W Fast Charging) | Approx. 2.5 hours |

## 9. Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official Creality website. For technical support, troubleshooting assistance, or to download the latest software and firmware, please visit the Creality support page or contact their customer service directly.

**Creality Official Website:** www.creality.com

**Creality Store on Amazon:** Visit the Creality Store

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Anonymous

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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.

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