**Preparation**

### Device List

**Standard Pack**
- Power adapter
- Power cable
- USB cable
- Tumbler
- Scanner arms
- Calibration board
- Landscape board support
- USB cable
- Mirror/leather/wooden plate
- Phone holder mount

**Industrial Pack (optional)**
- Ring light
- Tumbler
- Tumbler support
- USB cable
- Power adapter
- Power cable

**Color Pack (optional)**
- Tumbler support

---

**PC Requirement**

- **OS:** Win 7/Win 10 (x64)/Mac
- **USB Port:** Two USB Ports, at least one USB 3.0
- **Firmware:** 3.60 or newer
- **Graphic Card:** NVIDIA GTX 950 or higher
- **Graphic Memory:** 4GB or more
- **CPU:** i5 or higher

---

**Preparation**

**Installation**

### Hardware Installation

#### 2. Industrial Pack

1. **STEP 01**
   - Mark the scanner base on the table and place the scanner on the base.

2. **STEP 02**
   - Plug the USB cable into the USB port of the turntable and connect it to the computer. Connect the power cable to the turntable.

---

### Software Installation

#### Software Download

1. **STEP 01**
   - Download the software and run manual from comeback.shining3d.com/software/download

#### License Activation

1. **STEP 02**
   - After successful installation, open the device to login, then register the software and activate the device. The format of activation is "Activation Key". Enter your computer is the user computer column in the Internet.

---

**Calibration**

1. **STEP 01**
   - Follow the instructions on the software to calibrate the scanner.

2. **STEP 02**
   - Do local activation and find the license in the USB drive.

3. **STEP 03**
   - Online Activation

4. **STEP 04**
   - Local Activation

5. **STEP 05**
   - Online Activation
Calibration

HD Calibration
- Only required for handheld HD Scan
- Hold the scanner vertically to the base for calibration
- Adjust the distance until you find the proper distance

White Balance Calibration
- Only required for Color Pack
- Hold the scanner vertically to the base for calibration
- Use the Color Pack to adjust the white balance

The first time installing the software, calibration is required by default. Calibration is also required for the following:
- 1 month change
- After device enduring bumpy transportation
- After device accuracy loss
- Device being uninstalled for a long time, e.g., 21 days
- 3 times using the Color Pack, the texture camera’s position has been changed.

Fixed Scan

Handheld HD Scan

Handheld Rapid Scan

Scanning Tips

Scan Mode Selection
- Use handheld Rapid Scan mode when:
  - A fast scanning experience is needed
  - Color texture is required (path Color Pack installed)
  - Objects with great geometry for feature alignment
- Use handheld HD Scan mode when:
  - Objects are hard to scan or big to scan or too flat for scanning
  - You need to scan objects with a high level of detail and accuracy in a short time
  - Color texture is not available even with Color Pack installed
  - Use handheld with Tomatoes mode when:
    - High accuracy and high resolution is required
    - Object: Tangerine within 0.5 (15mm) which may not cover most real-world targets
    - Object: Big target (no black object)
    - Object: Support a 6mm diameter with high geometry features, can also work
      - In places with local noise through feature alignment
      - Use handheld with Tomatoes mode when
      - High accuracy and high resolution is required
      - Object is too big or heavy to scan or too flat

Summary

Technical Support

Available at the moment: Scan for anatomy (www.3dmscan.com)
email: service@3dmscan.com

APAC Region

EMEA Region

Americas Region

www.shining3d.com
www.3dmscan.com