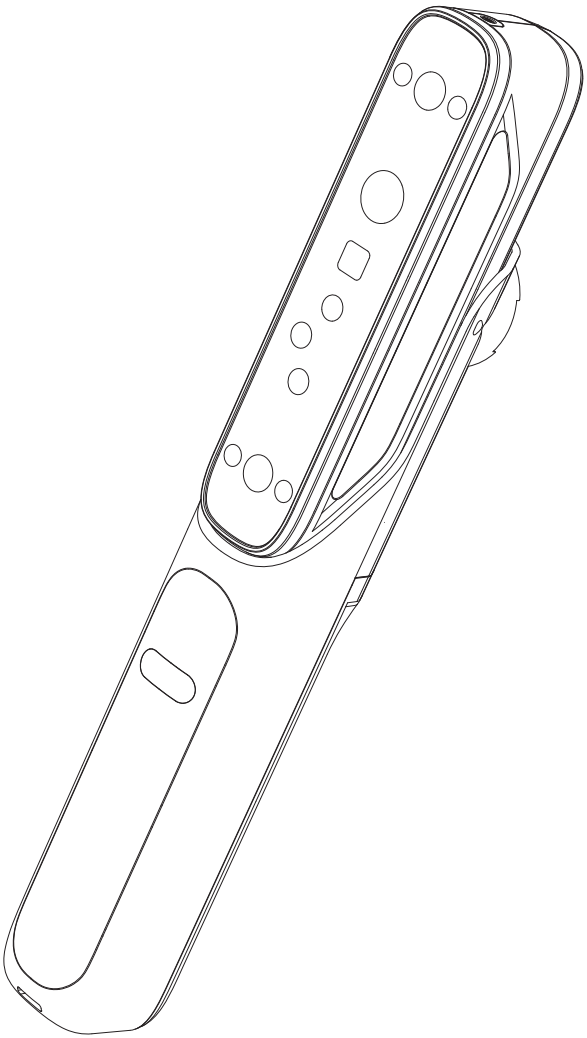
SHINING 3D

For More Shining Ideas



EINSTAR EZ GO

Quick Start Guide

COMPLIANCE

LVD/EMC Directive
This product complies with the European Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU.

WEEE Directive-2012/19/EU
The product this manual refers to is covered by the Waste Electrical & Electronic Equipment (WEEE) Directive and must be disposed of in a responsible manner.

This device complies with "IEC 60825-1:2014 Safety of laser products".

Federal Communications Commission (FCC) Certified.

Restriction of Hazardous Substances Certified.

Korea Certification Certified.

Regulatory Compliance Mark.

Welcome!

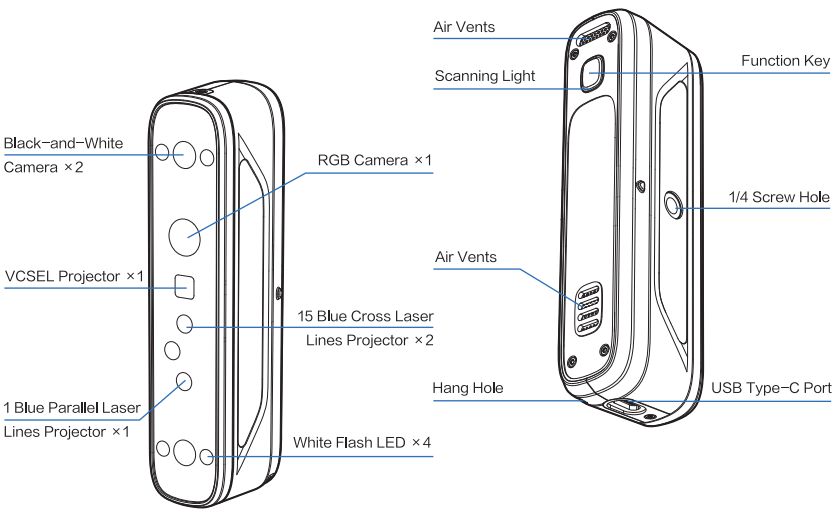
Thank you for purchasing the EINSTAR EZ GO scanner.
We hope you enjoy scanning with your new scanner.

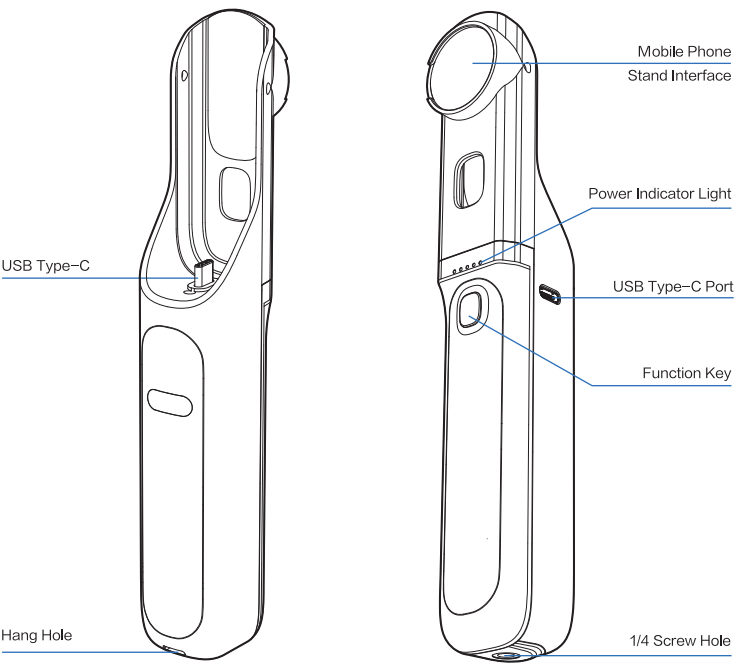
You can log in to our user platform **passport.shining3d.com** to get more information.
This Quick Start Guide (QSG) will help you get started.
For technical support, please visit our support center **support.einstar.com**.

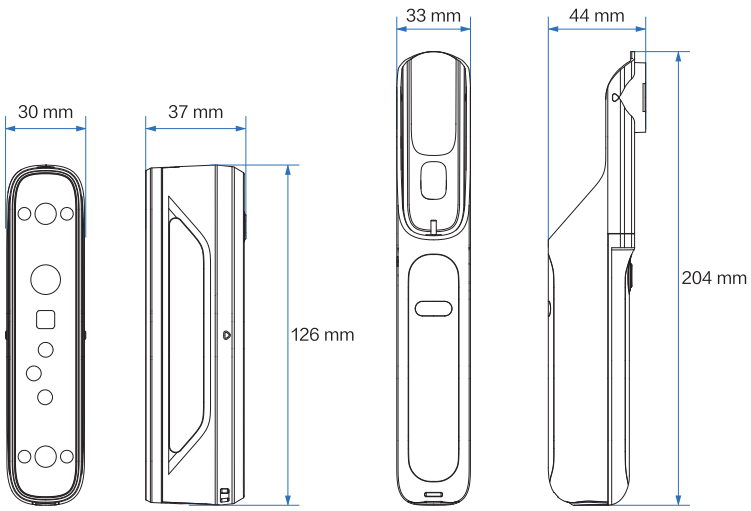
Access the official Wiki via the QR code or URL below to get the complete user guide and more information.

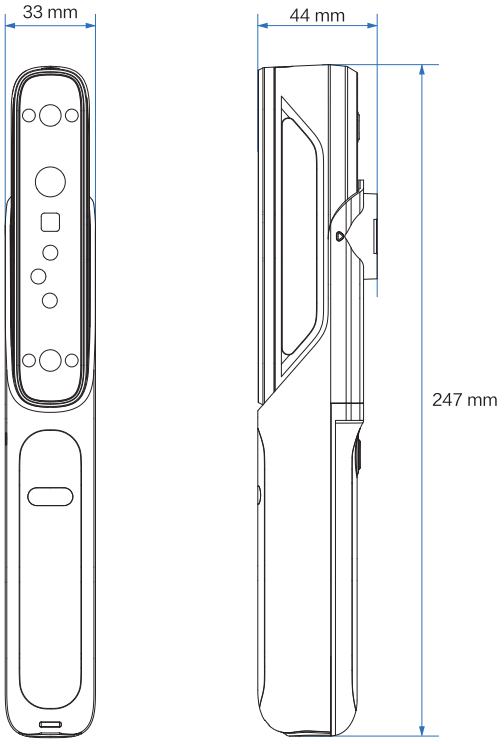
EINSTAR Wiki:
https://wiki.einstar.com

01 Appearance






30 mm
37 mm
126 mm
33 mm
44 mm
204 mm


33 mm
44 mm
247 mm

02 Safety Instructions

Read these instructions carefully before use and operate the device in accordance with the guidelines.

1. General Safety

Danger

· Do not use the device in flammable, explosive, or potentially explosive environments.

Caution

· Do not disassemble, modify, or attempt to repair the device without authorization.
· Immediately cease operation if the device, cables, or charger are damaged.
· Keep the device away from high temperatures, liquids, moisture, open flames, and excessive dust.
· Power off the device and disconnect it from the power supply before cleaning, maintenance, or long-term storage.
· Use only original or manufacturer-approved power adapters, chargers, batteries, and cables.

2. Laser Safety

This product is classified as a Class 1 laser product, in accordance with IEC/EN 60825-1:2014. Under reasonably foreseeable conditions of normal use, it is considered safe with respect to laser radiation.

3. Battery & Electrical Safety

· Use only original batteries and charging equipment.
· Do not disassemble, short-circuit, crush, heat, or incinerate the battery.
· Keep batteries and the charging case out of reach of children.
· Do not charge or use the device in high-temperature, humid environments or in close proximity to open flames.
· Ensure adequate ventilation during charging. Prevent liquids from entering the charging port or charging equipment.
· Ensure the power adapter is properly connected. Do not place the plug directly on wet surfaces.

4. EMC & Wireless Information

· This device may cause radio interference in residential environments.
· When operating in the 5150 – 5250 MHz band, this device is restricted to indoor use only.

Disposal & Recycling

Separate Collection:

This device must not be disposed of with unsorted household waste. At the end of its service life, it must be collected separately and sent for proper treatment and recycling.

Batteries:

Removable waste batteries must be removed non-destructively from the device before handing it over to a collection point.

Return Options (for private households where applicable):
Retailers of electrical and electronic equipment are legally obliged to take back waste equipment free of charge. In addition, municipal collection points are available for the return of waste equipment.
Data Protection:
The end user is responsible for deleting all personal data from the waste equipment prior to disposal.

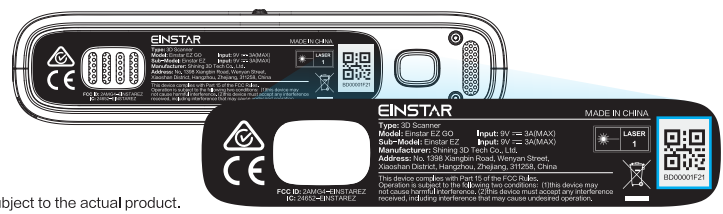
The crossed-out wheeled bin symbol on the product indicates that this device must be collected separately from unsorted municipal waste at the end of its life.

03 Specification

Parameter	Description
Device dimensions (3D Scanner)	126 mm × 30 mm × 37 mm
Device weight (3D Scanner)	125 g
Device dimensions (Handle)	204 mm × 33 mm × 44 mm
Device weight (Handle)	163 g
Rated Input Voltage	DC 9 V
Rated Input Current	3 A
Light source	15-line blue laser × 2 + 1-line blue laser + VCSEL infrared
Working distance	Laser: 160 ~ 550 mm IR Infrared: 160 ~ 800 mm
Working temperature	-10 ℃ ~ 40 ℃
Working humidity	0 % ~ 90 % RH (non-condensing)
Light source	Class 1
Battery type (EINSTAR GO)	Lithium polymer battery (5400 mAh)
Data format	STL, OBJ, PLY, 3MF, ASC
Interface	USB Type-C

Frequency Range (RF)

Wi-Fi (5G):
Band 1: 5150-5250 MHz (TX/RX), 5.1 GHz Wi-Fi: < 23 dBm (e.i.r.p.)
Band 4: 5725-5850 MHz (TX/RX), 5.8 GHz Wi-Fi: < 23 dBm (e.i.r.p.)



* The label is subject to the actual product.

Note:
The serial number can be found on the back of the scanner or on the back of the calibration board, and has the format: "BD00001F21".

04 Connect Your Scanner

You can connect the scanner to your phone/tablet via the EXStar Mobile app, or to your computer via the EXStar Hub software.

STEP 1 Power On

EINSTAR EZ GO:

Connect the scanner to the official EINSTAR GO. Press and hold the button on the handle to power on the scanner. The indicator light on the device blinking blue rapidly indicates that the scanner is powered on and waiting for connection. (Figure 1)

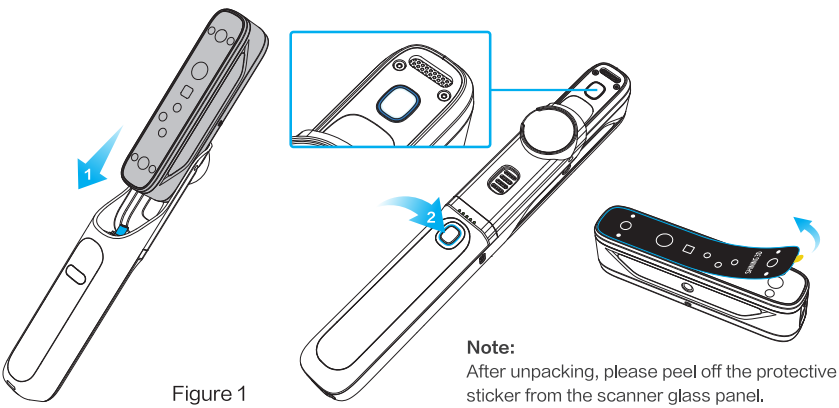


Figure 1

Note:
After unpacking, please peel off the protective sticker from the scanner glass panel.

EINSTAR EZ:

Wired use: Connect the scanner to the corresponding device using the included data cable. The scanner powers on automatically when connected.

Wireless use: Provide sufficient power to the scanner using a fast-charging power bank or adapter. The scanner powers on automatically when connected. (Figure 2)

Wired use

Wireless use

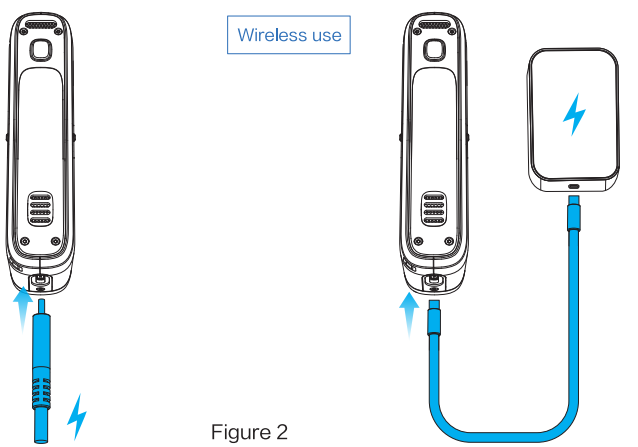


Figure 2

STEP 2 Connect to a Phone/Tablet

Software Installation

1. Install EXStar Mobile from an official source.
   For iPhone/iPad, download it from the App Store.
   For Android devices, visit https://www.shiningspace.com/download-center to download the app.
2. When launching the app for the first time, please read and agree to the Privacy Policy and Terms of Use.

Software Download QR Code

Device Configuration

	OS Requirements	Device	Minimum Requirements	Recommended Requirements
Android	Android 15+	Phone, Tablet	• Qualcomm Snapdragon 8 Gen 2 or later • RAM: 8 GB or more	• Qualcomm Snapdragon 8 Elite (Gen 4) or later • RAM: 12 GB or more
Apple	iOS 26+	iPhone	• iPhone 14 series (A15) or later • RAM: 6 GB or more	• iPhone 15 Pro / Pro Max (A17 Pro) or iPhone 16 series or later • RAM: 8 GB or more
	iPadOS 26+	iPad	• iPad (A16) or later • RAM: 6 GB or more	–
		iPad mini	• iPad mini (A17 Pro) or later • RAM: 6 GB or more	–
		iPad Air	• 2022 model (M1) or later • RAM: 6 GB or more	• 2024 model (M2) or later • RAM: 8 GB or more
		iPad Pro	• 2021 model (M1) or later • RAM: 6 GB or more	• 2022 model (M2) or later • RAM: 8 GB or more

Device Connection

The EINSTAR EZ GO supports both wireless and wired connection methods.

Wireless Connection

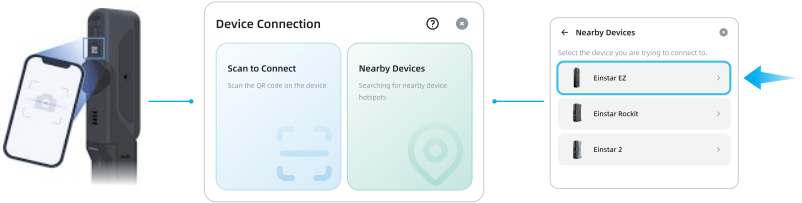
Power supply

EINSTAR EZ GO: Use EINSTAR GO to power the scanner.
EINSTAR EZ: Use a fast-charging power bank or power adapter to power the scanner.

When the scanner has sufficient power, its hotspot turns on automatically, and the indicator light flashes blue.

Method 1:
Connect by Scanning the QR Code
Click the entry on the page, then use your phone/tablet camera to scan the QR code on the EINSTAR EZ device to connect.

Method 2:
Connect via Nearby Devices
Follow the on-screen instructions to select the scanner connection.



Wired Connection

EINSTAR EZ GO:

Keep EINSTAR GO connected to the scanner to supply power. Open EXStar Mobile, then connect EINSTAR GO to your phone or tablet using the supplied data cable. Wait for the app to recognize the device, then verify the device information on the home page.



EINSTAR EZ:

Phones and tablets usually cannot provide sufficient power to the scanner. This may prevent the scanner from powering on or cause insufficient power after connection. For wired use, connecting the scanner to a computer is recommended.

Note:
For iPhones with a Lightning connector, please use a wireless connection.

STEP 3 Connect to a Computer

Software Installation

1. Download EXStar Hub from the official Download Center: https://www.shiningspace.com/download-center.
   Check the system requirements and complete the installation.
2. Open EXStar Hub and keep it running.

Software Download QR Code

Recommended Configuration – Windows

	Recommended Configuration
CPU	Intel Core i7–13700H or higher
GPU	NVIDIA GeForce RTX 3060 Laptop GPU or higher
Graphics Memory	⩾6 GB
RAM	⩾32 GB, DDR5 dual-channel
Interface	USB Type-C
Operating System	Windows 10 Pro (64-bit), Windows 11 Pro (64-bit)

Recommended Configuration – macOS

	Recommended Configuration
CPU	M1 Max / M1 Ultra / M2 Max / M2 Ultra / M3 Pro / M3 Max / M3 Ultra / M4 Pro / M4 Max / M5
RAM	⩾24 GB
Interface	USB Type-C
Operating System	macOS (Tahoe 26.2 and later)

Device Connection

Wireless Connection

Power supply

EINSTAR EZ GO: Use EINSTAR GO to power the scanner.
EINSTAR EZ: Use a fast-charging power bank or power adapter to power the scanner.

When the scanner has sufficient power, its hotspot turns on automatically, and the indicator light flashes blue.

Make sure the scanner is powered on and the indicator light is flashing blue.
Open the device connection page in the software and follow the on-screen instructions to select and connect to the current EINSTAR EZ.

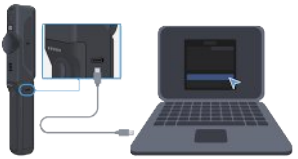


Wired Connection

Launch EXStar Hub .

EINSTAR EZ GO:

Connect the EINSTAR GO with the scanner connected to the computer using the supplied data cable.
Make sure the scanner is powered on.



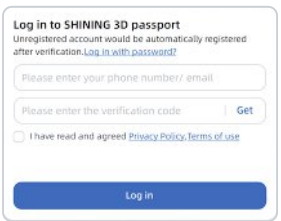
EINSTAR EZ:

Connect the scanner directly to the computer using the supplied data cable. The scanner powers on automatically when connected.

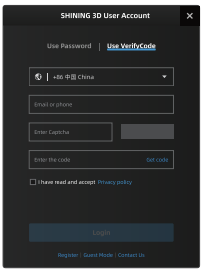


STEP 4 Scanner Activation

When connecting an inactive device for the first time, follow the software instructions to sign in to your SHINING 3D Passport account and activate the device while connected to the Internet.



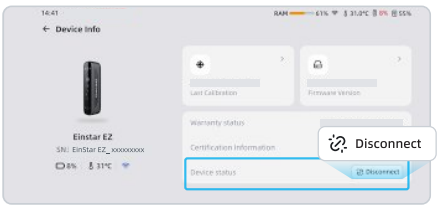
EXStar Mobile



EXStar Hub

STEP 5 Disconnection

After completing the scan and saving the project, disconnect the wireless connection in the software. For wired use, exit the software before disconnecting the data cable. Before connecting the scanner to another phone or computer, disconnect it from the current device.



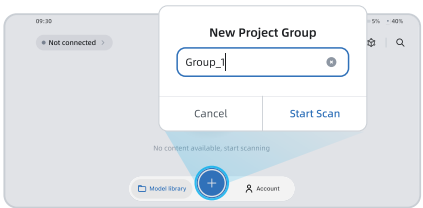
EXStar Mobile



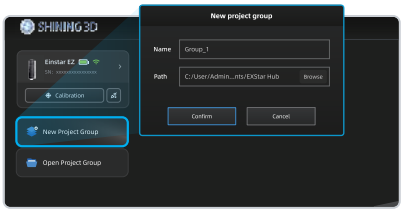
EXStar Hub

05 First Scan

1. Create a project in the software. Select the appropriate scanning mode and settings for the object.

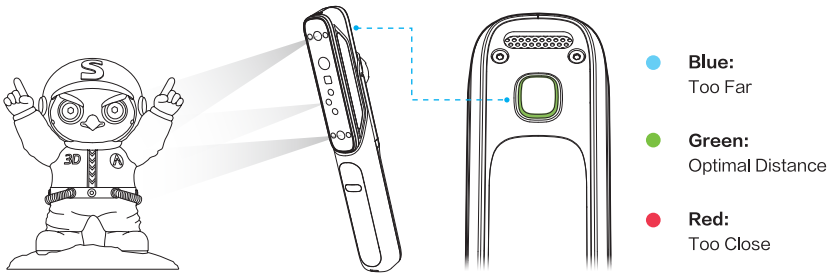


EXStar Mobile

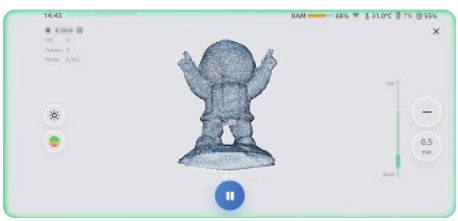


EXStar Hub

2. Check the distance and brightness indicators in the preview. Adjust the scanner position accordingly.



3. Start scanning in the software. On the scanning page, short-press the button on the scanner to start or pause scanning. If connected to EINSTAR GO, you can also short-press the button on EINSTAR GO.
When moving the scanner, maintain sufficient overlap between adjacent views and follow the tracking indicators.

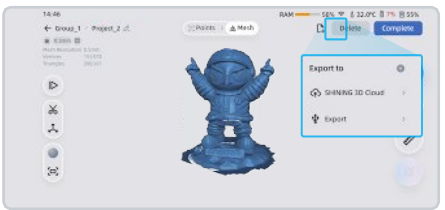


EXStar Mobile

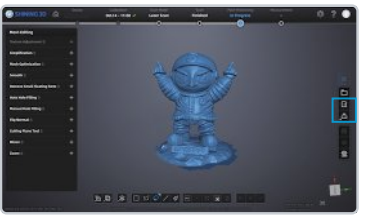


EXStar Hub

4. After scanning, follow the on-screen instructions to process and save the project. Export the results as needed.



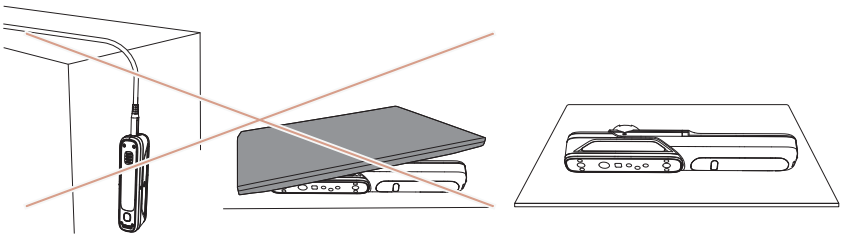
EXStar Mobile



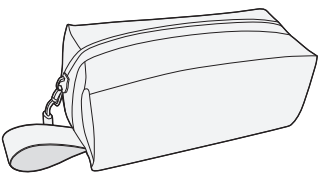
EXStar Hub

06 Safe Handling

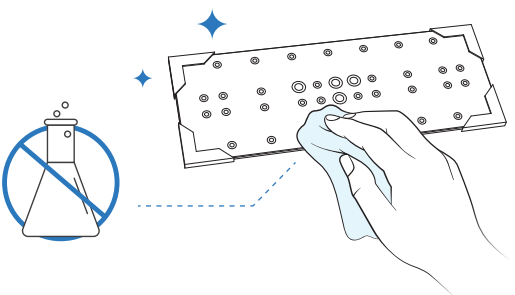
- Avoid dropping, hanging or applying force to the scanner.
- Place the scanner on a soft blanket when not in use.



- After use, lay flat on a horizontal surface or place in a carrying case.



- If you need to clean the scanner or calibration tools, gently wipe them with a soft cloth. Do not use chemicals or alcohol.



SHINING 3D

Technical Support

Register at support.einstar.com to submit a support ticket and track your ticket status.
User manual: Get user manual from www.einstar.com–Support--Manual

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