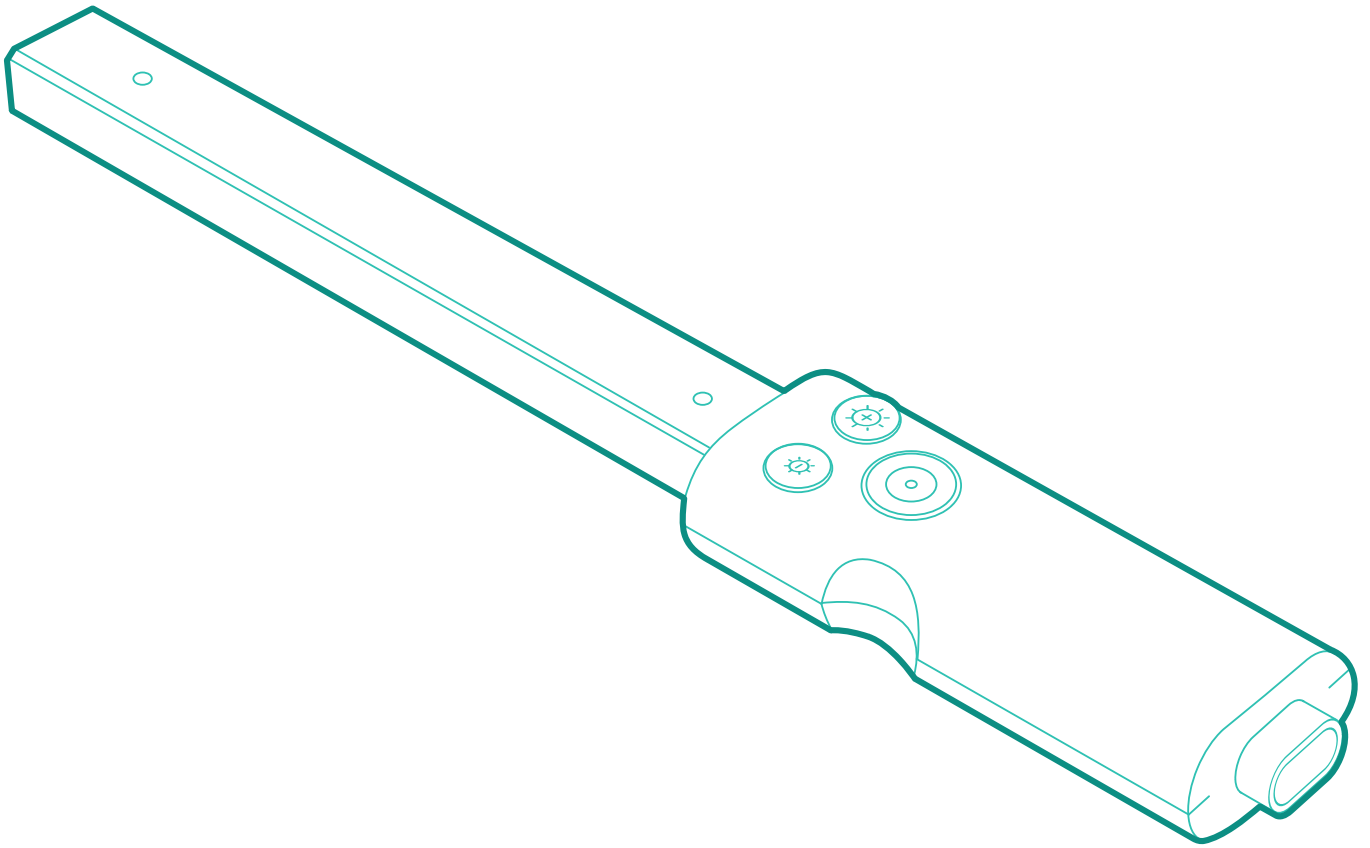




KEIYO

SD-C0001US

USB Camera Unit

Ver.1.0

Please be sure to read before use



Thank you very much for purchasing this product.

Please be sure to read this manual and the "For safe use" section carefully before using the device to ensure proper operation. Also, keep this manual in a safe place for future reference.

For safe use

For safety, please handle the device correctly according to the instruction manual.



Warning

This warning indicates the possibility of death or serious injury if handled improperly. To use safely, please strictly follow these warnings.

- If you notice any abnormal odors or other issues, please contact the distributor.
- Do not disassemble or modify this device. It may cause fire or electric shock.
- Keep out of reach of small children.
- Never look directly into the laser beam or point it at people.
- Never shine the laser beam into your eyes.
- Shining the laser on mirrors or reflective surfaces may cause eye injury from reflected light.
- Do not perform operations, disassemble, modify, or adjust the device beyond what is described in this manual, as it may cause dangerous radiation exposure.



Caution

This caution describes the risk of injury if handled improperly. Please be sure to follow these precautions.

- Do not place the device in humid or dusty locations as it may cause fire or electric shock.
- Do not place on unstable surfaces such as wobbly or tilted stands or areas with strong vibrations. It may fall and cause injury or damage.
- Do not place heavy objects on the device. Items may fall and cause injury or damage.
- If water, liquid, or foreign objects (such as metal fragments) enter the device, it may cause fire or electric shock. In such cases, contact the distributor.

Specifications

- Model: SD-C001US
- Power Supply: DC 5V (using external USB-C power)
- Current Consumption: 150mA
- Recommended Operating Temperature: -20°C to 60°C
- Recommended Storage Temperature: -20°C to 70°C
- Dimensions: 249mm x 36mm x 19mm
- Weight: 55g
- Maximum Laser Pointer Output: <1mW / Wavelength: 650nm
- Shooting Distance: 20mm to 35mm
- IP Rating: IP65
- Accessories: USB-C Cable (1.0m), Protective Cap

Specifications may change without notice for improvements.

Laser Safety Standards

North American Compliance (US)

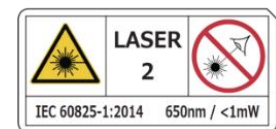
This product is a Class 2 Laser Product.

Do not stare into the beam.

Avoid exposure - Laser radiation is emitted from this aperture.

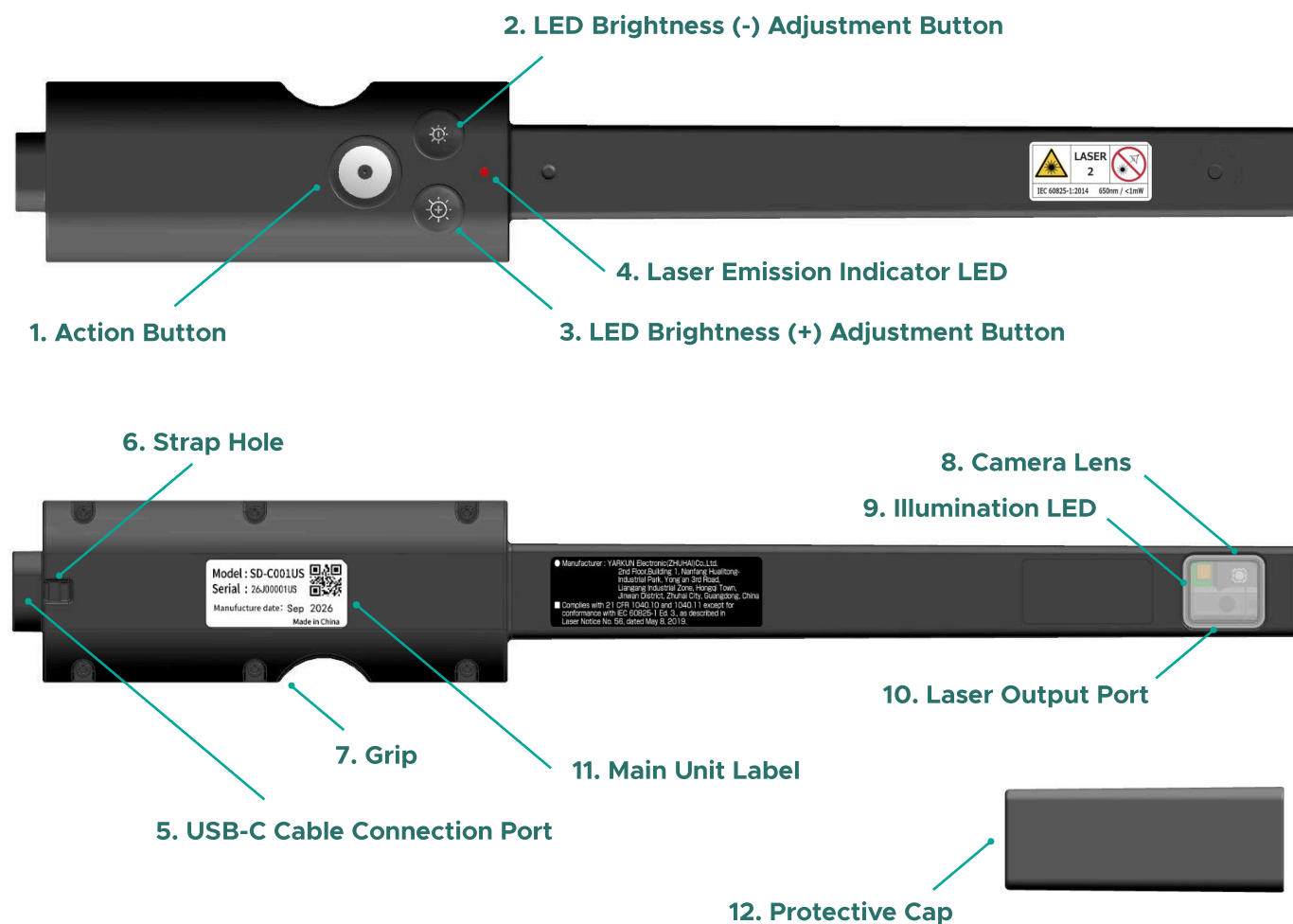
- Wavelength: 650nm
- Maximum output power: < 1mW
- Beam Diameter (max): approx. 1–3mm
(distance 20mm–50mm)
- Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.

- Manufacturer: YARKUN Electronic(ZHUHAI)Co.,Ltd.
2nd Floor,Building 1, Nanfang Hualitong Industrial Park, Yong'an 3rd Road, Liangang Industrial Zone, Hongqi Town, Jinwan District, Zhuhai City, Guangdong, China
- Date of Manufacture: Refer to the product label
- US Importer: ADVICS North America, Inc. 1650 Kingsview Dr. Lebanon, Ohio 45036, U.S.A.



Names of Parts

Main Unit



Description

1. The laser pointer is activated while pressing the action button.

* Depending on the application used, additional functions such as shooting may be triggered.

2. Adjust the illumination LED to dim.

3. Adjust the illumination LED to brighten.

4. The laser emission status is indicated by a red LED.

5. Connect the USB-C cable.

6. Attach a strap or cord for easy carrying or to prevent dropping by securing it to your wrist. (Strap or cord not included)

7. Grip area for holding the device.

8. Camera lens section.

9. Illumination LED section.

10. Laser output port.

11. Serial number and model name are printed on the device.

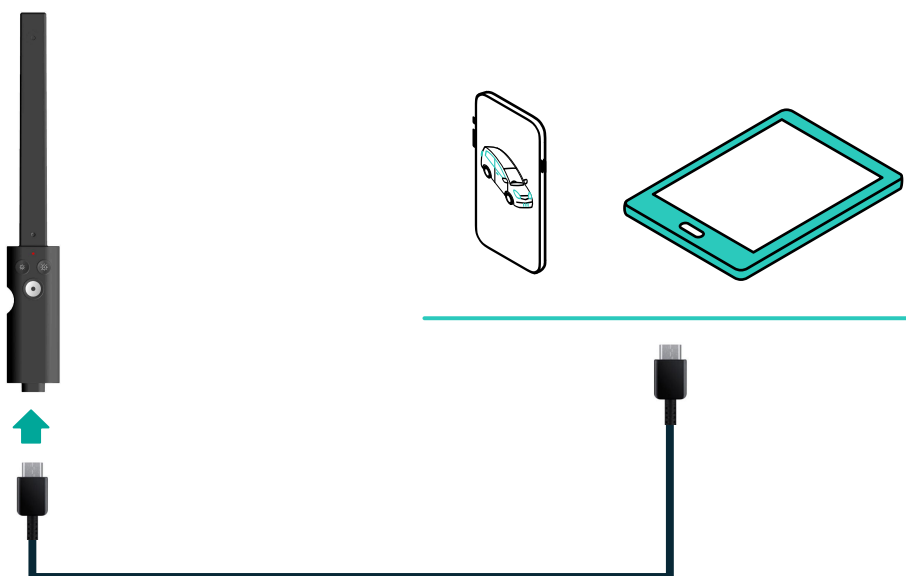
12. Protective cover for the camera lens at the tip. Please attach it when storing for protection.

Functions and Usage of the Device

This device is a USB camera unit designed for shooting in narrow or dark spaces.

1. Connect to compatible smartphones or tablets via USB-C cable (iPhone is not supported).

* Depending on the app used, this device may not be supported or usable.



2. No specific USB camera app is designated. It can be used with general USB camera apps.

3. Point the camera lens at the area you want to capture and take photos.

4. Adjust the illumination LED brightness as needed using the adjustment buttons.

5. The laser emits while pressing the action button.

* The laser emission indicator LED lights red during emission.

* Depending on the application, additional actions such as shooting may occur.



Caution

- Warning for excessive battery consumption: This device uses power from smartphones, tablets, PCs, etc., so prolonged use may rapidly drain the battery.
- Using high-quality video recording or the built-in LED lighting for extended periods may cause the camera head or connected device to become hot. This is normal, but avoid prolonged direct skin contact to prevent burns.
- Avoid using the device when the connected device's battery is low, as power supply may be unstable, causing disconnections or video interruptions.
- Handling Precautions: Do not apply excessive force when connecting the device or connectors to prevent damage to device terminals or connectors.

Storage Instructions

Unopened Devices

- Store in a cool, dry place away from direct sunlight.
- Do not store in high-temperature places such as inside a car exposed to direct sunlight. (Storage temperature: -20°C to 70°C)
- If the product is submerged due to flooding or similar, do not use it and contact the distributor.

Previously Opened Devices

- Store away from oils, moisture, and direct sunlight.
- Do not store in high-temperature places such as inside a car exposed to direct sunlight. (Storage temperature: -20°C to 70°C)
- If the laser output port becomes dirty, gently wipe it with a soft cloth. (Do not use hard cloths or abrasives as they may cause scratches.)
- If the product is submerged due to flooding or similar, stop using it and contact the distributor.

Related Services

This device can connect with the 【BRAKEPAD SCAN】 app to visualize brake pad wear.

BRAKEPAD SCAN App Download



App for Android

<https://link.brakepad-scan.com/android-global/>



App for iPad

<https://link.brakepad-scan.com/ios-global/>