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Temodu 387

Temodu 2-in-1 Digital Microscope and Telescope Model 387 User Manual

Explore the microscopic and macroscopic worlds with ease.

INTRODUCTION

Thank you for choosing the Temodu 2-in-1 Digital Microscope and Telescope. This versatile device is designed to stimulate curiosity and provide an engaging way to explore both the microscopic and distant worlds. Featuring a 2-inch high-resolution screen, 1000x microscope magnification, and 10x telescope magnification, it's an ideal tool for educational discovery.



Image: A child and an adult observing nature with the Temodu 2-in-1 device.

WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- 1x Temodu 2-in-1 Microscope and Telescope
- 1x Type-C Charging Cable (adapter not included)
- 1x Wide Neck Lanyard
- 1x User Manual
- 1x Color Box

3 modalità di osservazione



Image: Visual representation of the package contents.

PRODUCT FEATURES

- **2-in-1 Functionality:** Seamlessly switches between microscope and telescope modes.
- **High-Resolution Display:** Equipped with a bright 2-inch IPS color screen for clear real-time viewing.
- **Microscope Mode:** Offers a fixed ultra-macro magnification up to 1000x with 4x digital zoom, ideal for examining small objects like fabrics, jewelry, stamps, skin, hair, coins, and plant trichomes.
- **Telescope Mode:** Provides 10x magnification with an observation distance of 3-1000 meters, suitable for birdwatching, learning, hiking, and enjoying outdoor views.
- **Photo and Video Recording:** Features built-in memory for up to 200 photos. A TF memory card (not included) is required for video recording.
- **Integrated LED Lighting:** 8 LED light sources with adjustable brightness ensure clear observation even in low-light conditions.
- **Rechargeable Battery:** Built-in 600 mAh lithium battery, rechargeable via Type-C port.
- **PC Connectivity:** Connects to a computer via Type-C cable for real-time viewing, photo, and video saving. Compatible with Windows 10, 11, and Mac OS X 11.0 and later.

Children's Microscopes and Telescopes



Image: Overview of the device's main features.

SETUP

1. Charging the Device

Before first use, fully charge the device. Connect the provided Type-C charging cable to the device's charging port and plug the other end into a USB power adapter (not included) or a computer USB port. The charging indicator will show the charging status. A full charge takes approximately 2 hours.

2. Inserting a Memory Card (Optional)

The device has built-in storage for photos. To record videos, a TF (microSD) memory card is required (not included). Locate the memory card slot on the side of the device and gently insert the TF card until it clicks into place. Ensure the card is inserted in the correct orientation.

Built-in Storage: 200 photos

(Included TF card slot, supports cards up to 128GB)



Note: This product does not include a memory card

Image: Information on built-in storage and memory card slot.

OPERATING INSTRUCTIONS

Power On/Off

Press and hold the power button (usually located on the top or side) for a few seconds to turn the device on or off.

Switching Between Microscope and Telescope Modes

To switch between microscope and telescope modes, press and hold the designated mode button (refer to the device's button layout for exact location). The screen will display the active mode.



Image: Visual comparison of microscope and telescope modes.

Microscope Mode

In microscope mode, place the device's microscope lens close to the object you wish to observe. Use the focusing tube (if applicable) to achieve a clear image. The device offers up to 1000x magnification and 4x digital zoom for detailed examination.



Image: Child using the device in microscope mode to observe coins.

Telescope Mode

In telescope mode, point the device's telescope lens towards a distant object. Adjust the focusing tube for a sharp view. The telescope provides 10x magnification for observing objects between 3 and 1000 meters away. For clear images in telescope mode, a viewing distance greater than 3 meters is necessary.



Image: Child using the device in telescope mode.

Photo and Video Functions

Press the dedicated photo button to capture still images. To record video, ensure a TF memory card is inserted, then press the video recording button. Your discoveries can be saved and shared.

Adjusting LED Lights

The device features 8 built-in LED lights for illumination in microscope mode. Use the light adjustment buttons to increase or decrease brightness as needed for optimal viewing.



Image: Demonstration of the 8 LED lights and brightness adjustment.

PC Connection Mode

Connect the device to a computer using the Type-C cable. Open the integrated camera software on your computer to view real-time images, capture photos, and record videos directly to your computer. This mode is compatible with Windows 10, 11, and Mac OS X 11.0 and later. **Note:** The physical buttons on the device do not function when connected to a computer in this mode.

Supports real-time imaging on PC



Windows Vista/XP/7/8/10/11 or higher



MacOS x 11.0 or superior



Image: Device connected to a PC for real-time viewing.

Product Demonstration Video

Your browser does not support the video tag.

Video: A detailed demonstration of the Temodu 2-in-1 Microscope and Telescope features and usage.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device's body. For lenses, use a specialized lens cleaning cloth and solution to avoid scratches.
- **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 device frequently. Charge it regularly, even if not in use for extended periods.
- **Avoid Impact:** Handle the device with care to prevent damage from drops or impacts.

TROUBLESHOOTING

- **Device does not turn on:** Ensure the battery is charged. Connect the device to a power source and try again.

- **Unclear image:** Adjust the focusing tube in both microscope and telescope modes. Ensure the lenses are clean and free from dust or smudges. In telescope mode, verify the observation distance is greater than 3 meters.
- **Cannot record video:** Check if a TF memory card is properly inserted. Ensure the card has sufficient free space.
- **PC connection issues:** Verify the Type-C cable is securely connected to both the device and the computer. Ensure your computer's operating system is compatible (Windows 10, 11, or Mac OS X 11.0+).
- **Buttons not working in PC mode:** This is normal behavior. Control the device functions through the computer's camera software when connected.

SPECIFICATIONS

Model Name	387
Brand	Temodu
Dimensions	13 x 12.9 x 8.4 cm
Weight	290 grams
Material	Plastic
Microscope Magnification	Up to 1000x (fixed ultra-macro, 4x digital zoom)
Telescope Magnification	10x
Display Screen	2-inch IPS Color Screen
Light Source	8 LED Lights (adjustable brightness)
Power Source	Built-in 600 mAh Lithium Battery
Charging Port	Type-C
Charging Time	Approx. 2 hours
Working Time	Approx. 2 hours
PC Compatibility	Windows 10, 11; Mac OS X 11.0 and later

WARRANTY AND SUPPORT

Your Temodu 2-in-1 Digital Microscope and Telescope is designed for reliability and performance. If you encounter any issues or if the product does not meet your expectations, please contact our technical assistance. Our customer service team is ready to provide support and ensure your satisfaction.

Please refer to your purchase documentation for specific warranty terms and contact information for technical support.