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## TOMLOV DM9 Pro

# TOMLOV DM9 Pro Digital Microscope User Manual

Model: DM9 Pro

Brand: TOMLOV

## INTRODUCTION

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The TOMLOV DM9 Pro Digital Microscope is an advanced observation tool featuring a 7-inch HD IPS screen, 10X-1200X magnification, and versatile connectivity options. Designed for detailed inspection, it is ideal for applications such as circuit board soldering, watch repair, plant observation, jewelry appraisal, and coin identification. This manual provides detailed instructions to help you set up, operate, and maintain your microscope for optimal performance.

## WHAT'S IN THE BOX

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- 7-Inch HDMI Digital Microscope x1
- Adjustable Aluminum Alloy Stand x1
- 32GB Micro SD Card x1
- Remote Control x1
- Light Barrier x1
- USB Cable x2
- HDMI Cable x1

## PRODUCT OVERVIEW

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Familiarize yourself with the main components and features of your TOMLOV DM9 Pro Digital Microscope.



Image: The complete TOMLOV DM9 Pro Digital Microscope setup, including the main unit with 7-inch screen, adjustable aluminum alloy stand, remote control, and a 32GB Micro SD card.

# FHD 1080P IPS Screen

Enjoy vivid & immersive images



IPS



16MP



7-Inch Full HD



Image: Close-up of the 7-inch HD IPS screen, highlighting its 1080P resolution and vivid image quality compared to other displays.

## Ideal for Coin Collecting



Image: Illustration of the 8 adjustable LED lights surrounding the microscope lens and the 2 additional gooseneck side lights, providing comprehensive illumination.

### SETUP

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1. **Assemble the Stand:** Connect the adjustable aluminum alloy bracket to the base. Ensure it is securely fastened using the provided knob.
2. **Attach the Microscope Unit:** Carefully place the microscope unit (with the screen) onto the stand. Tighten the two knobs to secure it in position.
3. **Power Connection:** Connect the microscope to a power source using one of the provided USB cables. Note that a power adapter is not included.
4. **Insert SD Card:** Insert the 32GB Micro SD card into the designated slot on the microscope unit. This is required for saving photos and videos.

**TOMLOV**

## **Ideal for Coin Collecting**

DM9 Pro



Image: Step-by-step visual guide for the easy installation of the microscope, from connecting the bracket to securing the screen.

## **OPERATING INSTRUCTIONS**

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### **Power On/Off**

Press and hold the power button on the microscope unit to turn it on or off. The unit will typically boot into video mode.

### **Adjusting Magnification and Focus**

Magnification (10X-1200X) is adjusted by changing the distance between the lens and the object. Use the focus knob on the side of the microscope unit to achieve a clear image.



Image: Visual representation of the microscope's magnification capabilities, showing details at 10X, 500X, and 1200X.

### Lighting Adjustment

The microscope features 8 adjustable LED lights around the lens and 2 additional gooseneck side lights. Both light sources can be dimmed and adjusted independently using the brightness adjustment knob to ensure optimal clarity in various lighting conditions.

# HDMI & USB Output for a Larger View



HDMI output for TVs/Projectors



USB output for Windows/macOS

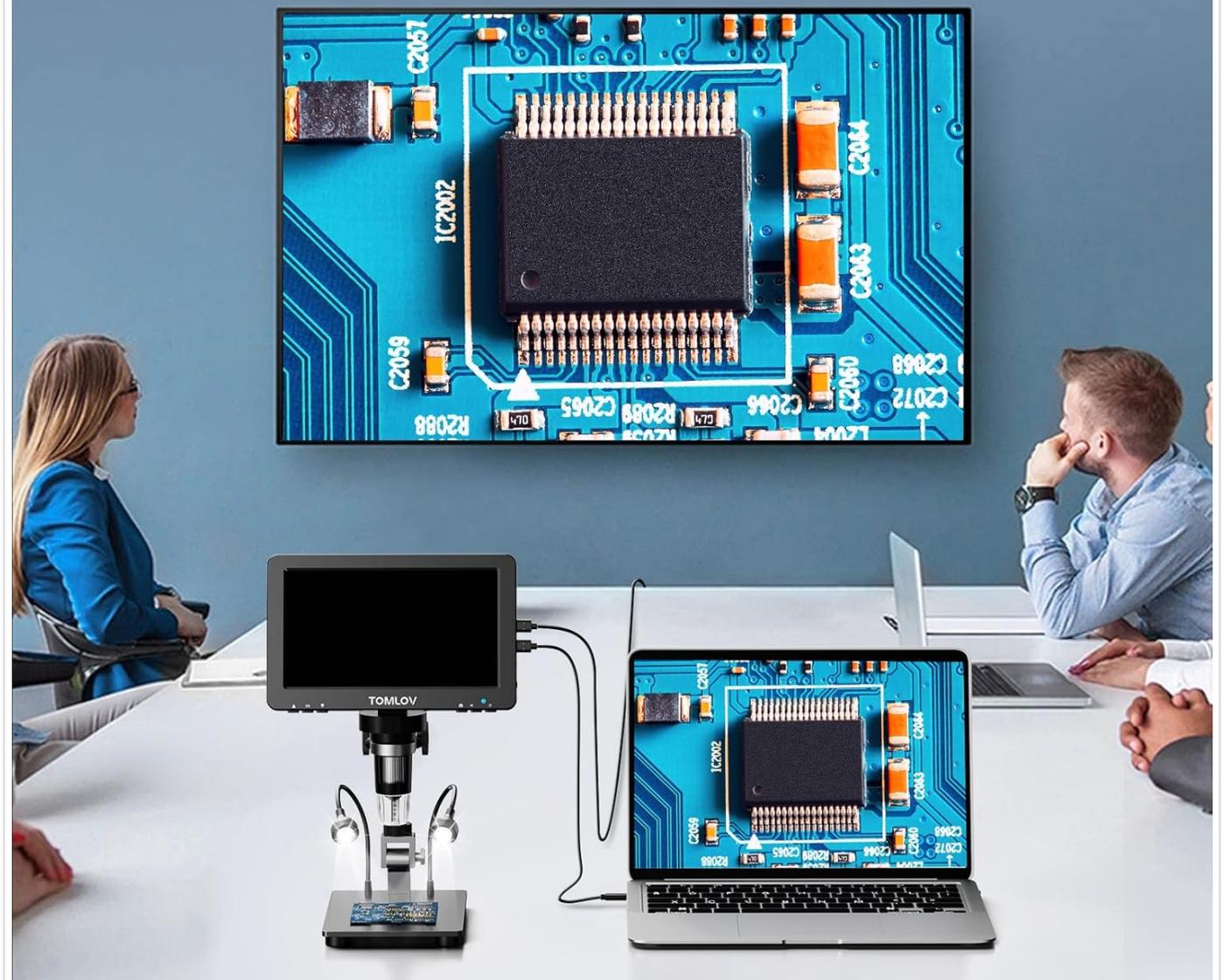


Image: A hand adjusting the brightness knob on the microscope, demonstrating how to ensure tiny details are bright and clear.

## HDMI & USB Output

The DM9 Pro can connect to external displays for a larger view:

- **HDMI Output:** Connect to TVs or projectors via HDMI for 1080P HD real-time viewing.
- **USB Output:** Connect to Windows and macOS computers via USB for a larger, smooth, and clear HD view.

# Ensure Tiny Details Are Bright and Clear



Image: The microscope connected to both a large television via HDMI and a laptop via USB, illustrating its versatile output options for larger viewing.

## Remote Control Operation

Use the included remote control to operate the microscope without touching the screen, preventing screen shake. It allows for easy photo capture, video recording, and setting adjustments.

# Convenient Wireless Remote Control



Photo



Video



Playback



Menu



Image: A hand holding the wireless remote control, demonstrating its convenience for capturing photos and videos without disturbing the microscope.

## Capturing Photos and Videos

The microscope supports 16MP photo resolution and 1080P video recording. Use the dedicated buttons on the unit or the remote control to capture images and videos, which are saved to the inserted Micro SD card.

Your browser does not support the video tag.

Video: An official product video demonstrating the features of the TOMLOV DM9 Pro HDMI Digital Microscope, including its IPS screen, magnification, and various applications. This video is provided by the seller, TOMLOV Store.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior of the microscope. For the lens, use a specialized lens cleaning cloth and solution. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the microscope in a clean, dry place away from direct sunlight and extreme temperatures.

- **Battery Care:** The unit includes a Lithium Ion battery. For optimal battery life, avoid fully discharging the battery frequently and store it with a partial charge if not used for extended periods.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Battery drained; Power cable not connected properly.	Charge the battery; Ensure USB cable is securely connected to a power source.
Blurry Image	Incorrect focus; Object too far/close; Insufficient lighting.	Adjust the focus knob; Adjust the distance between the lens and object; Increase LED light brightness.
No image on external display (HDMI/USB)	Cable not connected; Incorrect input selected on display; Driver issue (USB).	Check cable connections; Select correct HDMI/USB input on TV/monitor; For USB, ensure drivers are installed (usually plug-and-play).
Cannot save photos/videos	SD card full or not inserted; SD card corrupted.	Ensure SD card is inserted correctly and has free space; Format SD card (backup data first).

## SPECIFICATIONS

Feature	Detail
Model Name	DM9 Pro
Screen Size	7-inch HD IPS Glossy Screen
Resolution	1920x1080P
Magnification Range	10X to 1200X
Photo Resolution	16MP
Video Output	1080P HD (HDMI, USB)
Lighting	8 adjustable LED lights + 2 gooseneck side lights
Material	Aluminum
Item Weight	2.65 pounds (approx. 1200 Grams)
Power Source	5 Volts (USB powered, includes 1 Lithium Ion battery)
Included Storage	32GB Micro SD Card

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official TOMLOV website or contact their customer service directly. Keep your purchase receipt for warranty claims.

You can visit the [TOMLOV Store on Amazon](#) for more information and product updates.

