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TAKMLY MX300 WIFI DIGITAL MICROSCOPE

Takmly MX300 WiFi Digital Microscope User Manual

Contents

TAKMLY

Takmly MX300 WiFi Digital Microscope

Note before use

1. Before using the microscope, remove the plastic cover of the LED lamp cover and cover it after use to prevent dust from entering
2. Please fully charge the device before using it for the first time. Please do not directly pass the PC. Terminal charging, please choose 5V 1A adapter
3. The best focal length for microscope imaging is 0-40mm, you need to adjust the focus by adjusting the focus wheel, which has reached the clearest state
4. WiFi connection is only available for your phone and tablet, not for PC. If you want to use it on a PC, please connect via USB cable and download the correct computer software
5. Pls shut down the unuseful APP in your phone to make sure our microscope run Smoothly, and won not get stuck, crash
6. Do not clean the microscope with alcohol organic solvents
7. Do not dissemble the digital microscope or change the interior parts,it can cause damage
8. Do not touch the lens with your fingers
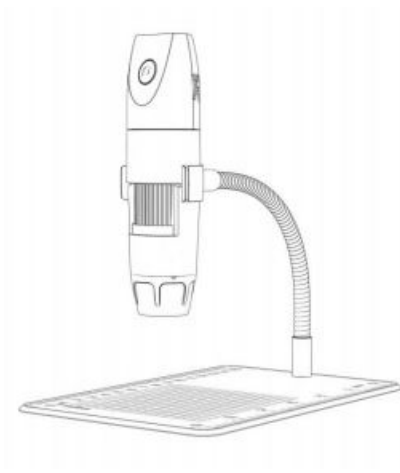
Product Introduction

Thank you for purchasing our WiFi digital microscope, this product can be easily used in different fields, including:

- 1. Textile industrial for textile inspection
- 2. Printing inspection
- 3. Industrial inspection:PCB,Precision machinery
- 4. Educational purpose
- 5. Hair examination
- 6. Skin examination
- 7. Microbiological observation
- 8. Jewelry&coin(Collections) inspection
- 9. Visual Assistance
- 10. Others

This is a portable WiFi electronic microscope equipped with a WiFi hotspot that can connect to iOS/Android system phones and tablets

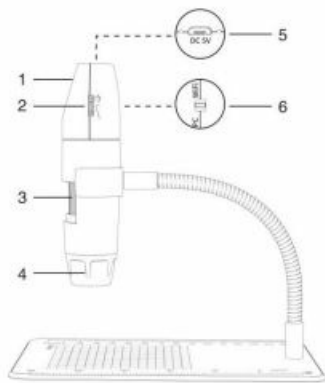At the same time, the microscope also supports a USB interface to connect to the computer. The larger the screen, the better the display and the sharper the image quality. At the same time, the product supports photo, video and file storage

Product Function Introduction

Camera button

- 21 Bright adjustment
- 13 Focus zoom wheel
- 4 Lampshade
- 5 Charging interface
- 6 WiFi mode / PC mode switching

Instruction for users APP download and installation

OS:

Search for "inskam" in App Store to download and install, then use the product

Android (International):

Search for "inskam" on Google Play or follow the link below (www.inskam.com/download/inskam1.apk) for download and installation

Android (China):

Use the mobile browser to scan the following QR code to download and installi

Turn on the device

- Dial the WiFi / PC switch button to the WiFi terminal to enable the WiFi status of the device
- Long press the camera photo/switch button for 3s to see the device indicator flashing blue

WiFi connection

Open the WiFi settings area in your phone settings and find the WiFi hotspot (no password) called inskam316-xxxx. Click on the connection. After the connection is successful, return to inskam to use the product (After the WiFi connection is successful, the blue indicator light stops blinking and is in the steady state.)
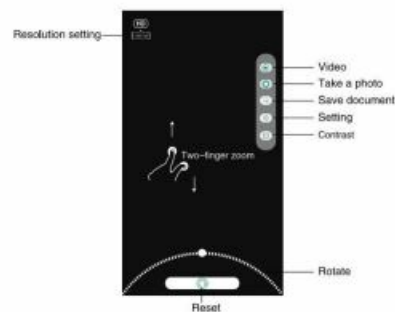
Focal length and lighting adjustment

In the state of taking pictures or recordings, slowly rotate the focus wheel to adjust the focus, focus on the subject,

and adjust the brightness of the LEDs to achieve the clearest viewing state

Introduction and use of mobile

APP interface Open the app, you can take photos, videos, file views, rotation, resolution settings, etc

Instructions For Use (Window users)

Software: "Smart Camera"

Software download

Download and install the software "Smart Camera"| from the following link:
www.inskam.com/download/camera.zip

Connecting device

- Move the WiFi/PC switch button to the PC, turn on the device PC status, long press the device photo/switch button for 3 seconds, and turn on the device
- Use a data cable to connect your device to your computer terminal and run a "Smart Camera"
- Click on the device option in the setup maini interlace, switch and select the camera "Usc CAMERA" in the device, you can use

Instructions For Use (Mac users)

- The device camera button can be used, and the software should create a new fokler when recording video
- In the "Applications" directory of the Finder window,find an app called Photo Booth

- Move the WiFi/PC switch button to the PC, turn on the device PC status, long press the device photo/switch button for 3 seconds, and turn on the device
- Use the data cable to connect the device to the computer terminal and run "Photo Booth"
- Click Photo Booth and select the camera "USB CAMERA"

Charging And Indicator light

Charging indication

1. When the battery is low, please connect the charger to charge the device. It is not recommended to use the device during the charging process (the battery life of the device will be shortened)
2. Please do not use your computer to charge your device
3. The battery configured for this product is a lithium polymer battery of 500 mA capacity. It can be used continuously for about 1.5 hours when fully charged, and the charging process takes 1.5 hours

Indicator light

1. The red light is on when charging, and the red light is off when full
2. After the device is running, the blue indicator light flashes. After the WiFi connection is successful, the blue indicator light is always on.
3. In the low battery state, the blue light flashes slowly and then goes out

Product Parameter

Parameter	Specification
Pixel	2.0 M pixels
Magnification	50-1000 X
Focal Length	20-30 mm
Wireless Connections	WiFi
Image Format	JPG
Video Format	MP4/AVI
Dynamic Frame Number	20-30 fps
USB Interface Type	USB 2.0
Supported Systems	Windows Vista 7/8/10,
	iOS 9.0 and later
Cable Length	1m
Parts List	Included 1m Data Cable

Troubleshooting

If the device is not working properly, please read the following to resolve the issue or contact us for a solution

Problem	Solution
No Image	1. Chock the WIFI settings on your phone to confirm that the device is connected successfully. 2. Close the app and reopen it. 3. Tum off the device and turn it back on. 4, Check if the phone allows the inskam to connect to the wireless. 5. Tum off the data network.
Blurred Image	Open the dust cover. Adjust the focus.
LED lights are dim	Adjust the LED light gear down to increase the brightness.
LED lights are dim	Please plug in the USB data cable to charge the reset
Photo Flashback	Go to the setting page and find "inskam" in the app section at the bottom to allow "photo" to be turned on.

Frequently Asked Questions

How do I download and install the app for Takmly MX300 on iOS?

Search for inskam in the App Store to download and install. Then, use the product with the installed app.

What is the procedure for connecting Takmly MX300 to a PC?

Move the WiFi/PC switch button to PC, connect the device to the computer using a data cable, and run the Smart Camera software.

Can Takmly MX300 be used with Mac computers?

Yes, connect it to the computer using a data cable, run Photo Booth, and select the camera USB CAMERA.

How can I adjust the focal length and lighting for optimal image quality?

Rotate the focus zoom wheel to adjust the focus and adjust the LED brightness for the clearest viewing state.

What is the charging time and battery life of Takmly MX300?

Charging takes approximately 1.5 hours, and the lithium polymer battery provides about 1.5 hours of continuous use.

What image and video formats does Takmly MX300 support?

Takmly MX300 supports JPG for images and MP4/AVI for videos.

Can I use Takmly MX300 while it's charging?

It is not recommended to use the device during the charging process to avoid shortening the battery life.

What should I do if I encounter issues with the WiFi connection?

Check WiFi settings, restart the device, ensure the app has necessary permissions, and avoid interference from the data network.

How can I resolve issues with blurred images using Takmly MX300?

Open the dust cover, adjust the focus using the focus wheel, and ensure the lens is not touched.

How do I troubleshoot if there's no image on Takmly MX300?

Check WiFi settings, restart the app, ensure the phone allows connection, and turn off the data network.

Is Takmly MX300 compatible with Windows Vista 7/8/10?

es, Takmly MX300 supports Windows Vista 7/8/10. Use the USB interface and the Smart Camera software for Windows.

What is the pixel resolution of Takmly MX300's camera?

The camera of Takmly MX300 has a resolution of 2.0 megapixels.

Video- Product Overview

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Download The PDF link: https://manuals.plus/wp-content/uploads/2022/02/Takmly-MX300-WiFi-Digital-Microscope-video.mp4

References

- **[User Manual](#)**