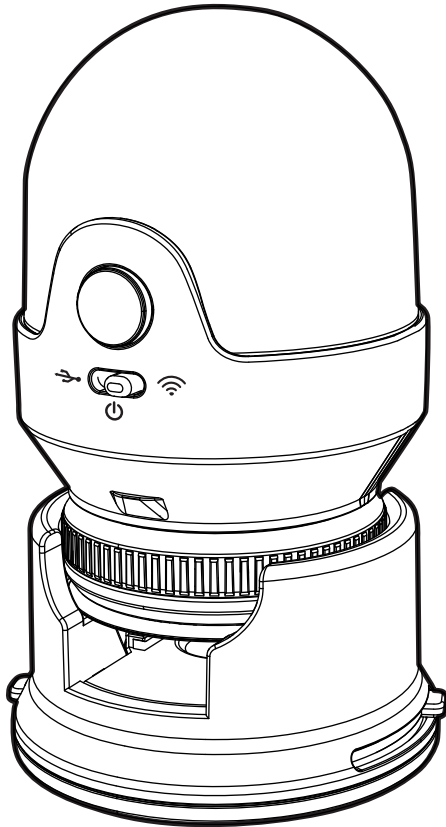


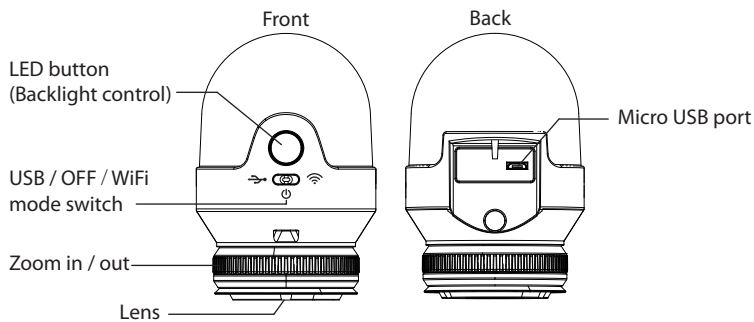
Wireless IP WIFI Digital Microscope

User Manual

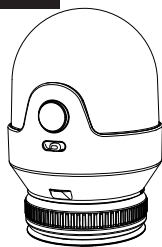


8+

Main body



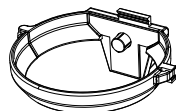
Parts list



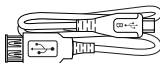
Main body x1



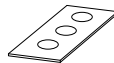
Stand x1



Adapter (for tripod) x1



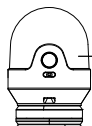
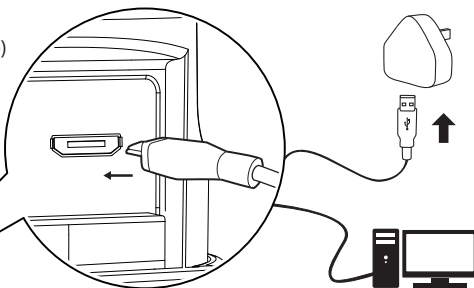
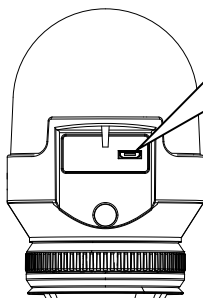
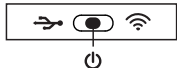
USB cable x1



Prepared slide x1

Charger

Turn off the device
(Wireless IP WiFi Digital Microscope)



- ☀ Low battery (red light)
- Charging (red light)
- Full battery

○ Switch off ● Steady ☀ Blinking

How to connect with USB and WiFi

WiFi MODE

1 Blue Light Flashing

- After switch to WiFi mode, the unit will be ready for connecting till Blue Light Flashing



SSID:
Camera-ESL-xxxxxx
(Series No)
Password: **88888888**

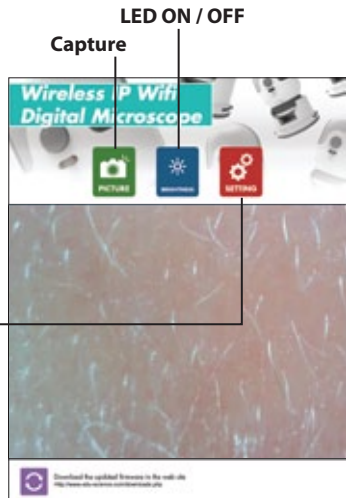
2 IP viewer

Open a web browser and enter the address in the address bar, then hit Enter.

Address:
<http://192.168.100.1>



Wireless Network	
SSID Name	Camera-ESL
Password	88888888
Channel	6
<input type="button" value="Save"/> <input type="button" value="Discard"/> <input type="button" value="Reboot"/>	



To avoid interference with other hardware change the Camera name/ Password/ Channel , click save and reboot button.

Please wait to reboot and try to follow these steps to reconnect.

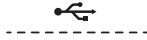
- 1. Reboot Wifi microscope to take effect**
- 2. Connect to wireless network with SSID - New camera name/ New password**
- 3. Browse <http://192.168.100.1>**

* Recommended to connect a maximum 4 devices at the same time.

How to connect with USB and WIFI

USB MODE

1



- Green light in USB mode
- ☀ The green LED will flash during data transfer in USB mode

2 **SKYPE viewer

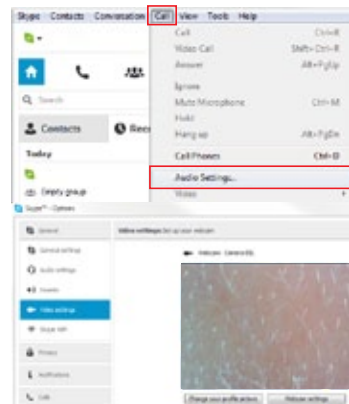
for Mac

Open Skype ► Preferences ► Audio/video
► Camera-ESL



for windows

Open Skype ► Call ► Audio Settings ► Camera-ESL

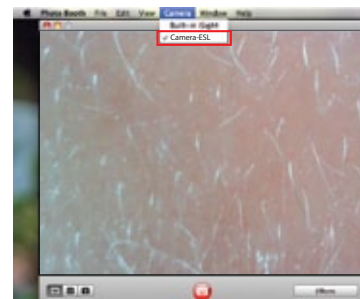


**Download and Install SKYPE

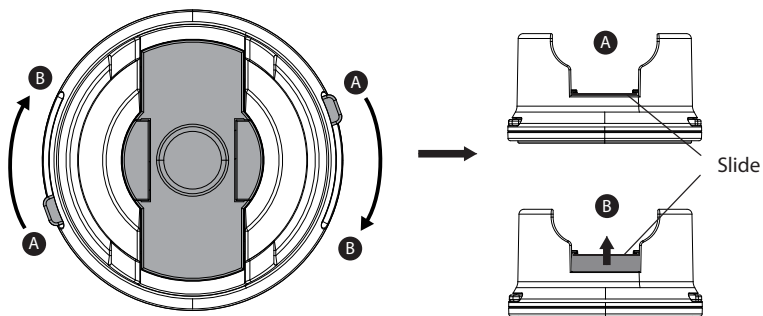
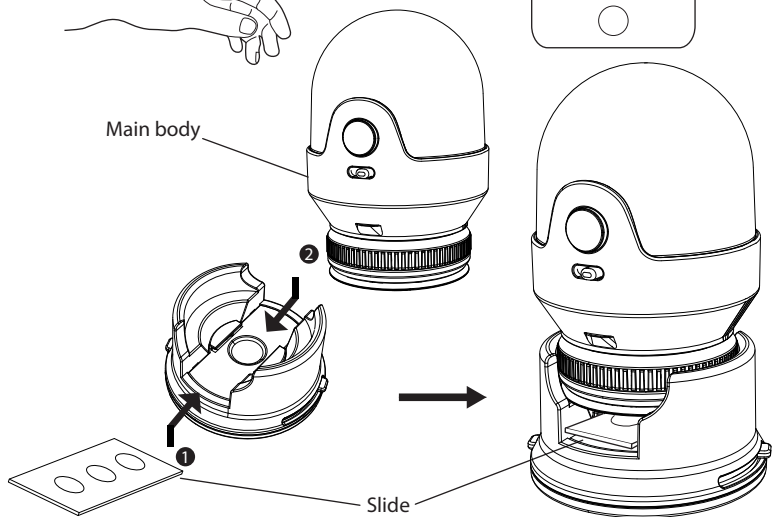
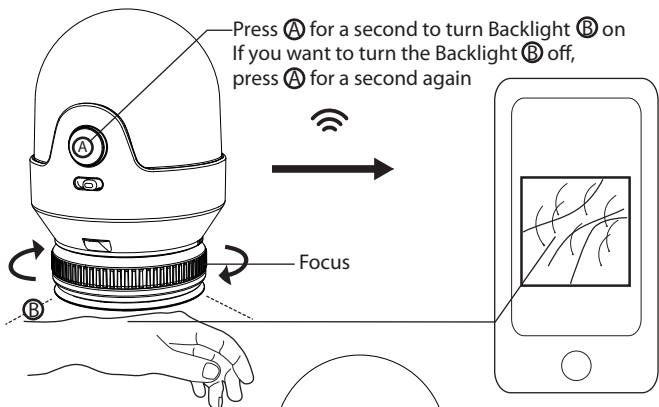
To download the SKYPE software, please visit SKYPE website for instructions of installation and how to use it. www.skype.com

3 Photo Booth viewer (Mac only)

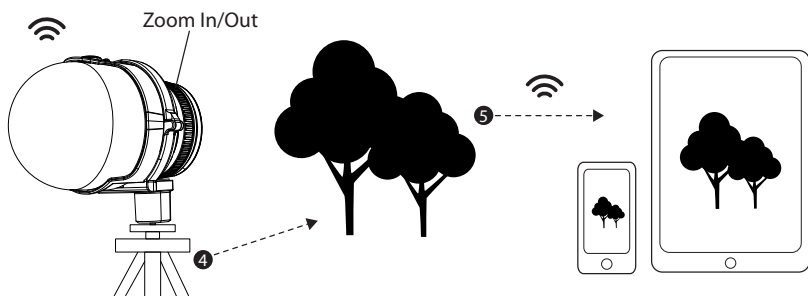
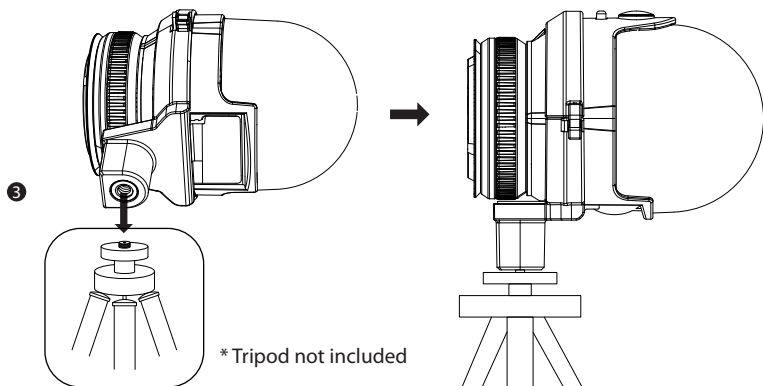
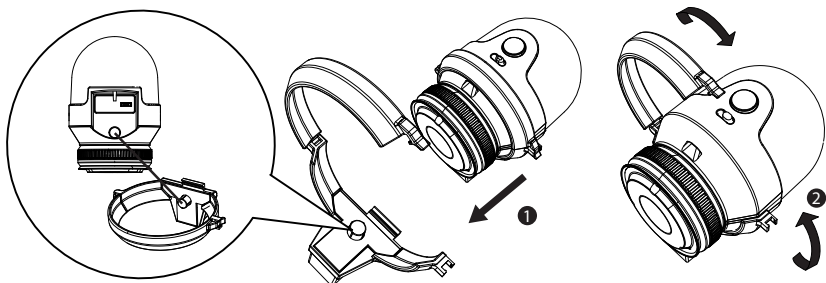
Open Photo Booth ► Camera ► Camera-ESL



WiFi Microscope with stand and slide



WiFi Microscope with adapter (for tripod)

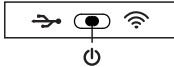


Firmware Upgrade

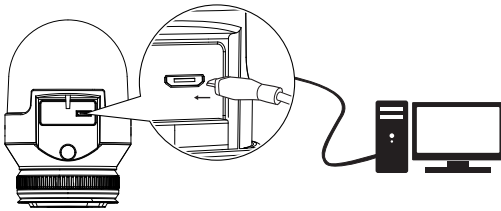


Firmware Upgrade

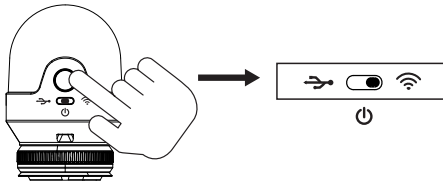
1. Download & Extract compressed "firmware xxxxxx-MS079" from <http://www.edu-science.com/downloads.php?type=software>
2. Turn off the Wire (Wireless IP Wifi Digital Microscope)



3. Connect the USB cable from the "Wireless IP Wifi Digital Microscope" to the PC.



4. Press and Hold the "LED" button for 5 seconds while selecting the "wifi" mode.



5. Upon successful installation, a new Hard Disk Drive will be shown as "System" & "Application"



6. Delete all files in the "System's" in the Hard Disk Drive
7. Copy and Paste the compressed "firmware xxxxxx-MS079" files to the "System"
8. Turn off the "Wireless IP Wifi Digital Microscope"

General Specification

Image sensor :	OmniVision, 1/5 inch, 2.0 MP, CMOS sensor
Main processor :	240Mhz ARM926 CPU
Image size :	1280*720 (USB) & 640*480 (WiFi)
Magnification:	Basic 8x (3.5" LCD) and variable for larger LCD screens
Power source :	Internal 1100mAh lithium-ion battery
Battery life :	2 hours
Charger :	5V adapter or USB power source
USB port :	USB 2.0 (USB 1.1 compatible)
Wireless standards :	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Wireless range :	10m indoors, 30m outdoors
Supported devices :	Android & iOS phones, tablets, notebooks
Software requirements :	Web browser(WiFi), Skype(USB)
Device Lifespan	2 years
Operating conditions :	Commercial grade
	0 to +50°C
	20% to 95%

• BATTERY INSIDE THE WIFI DIGITAL MICROSCOPE IS NOT REPLACEABLE.

FCC NOTE: FCC ID:Q6NMS079

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS OR CHANGE TO THIS EQUIPMENT. SUCH MODIFICATIONS OR CHANGE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

• Rechargeable batteries are only to be charged by supervisory adult or children over 8 years.

Hereby, Edu-Science (C.P.) Ltd. , declares that this Wireless IP WIFI Digital Microscope is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

EDU-SCIENCE (H.K.) LTD.
Wireless IP Wifi
Digital Microscope
Model No.: MS079



CE0070