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Chapter 1 Notice and Safety Require

1. To avoid danger or damage incurred to the lens, do not touch the lens and LED directly with your fingers.
2. To avoid failure or electric shock hazard and so on, do not disassemble or modify the internal structure of the device.
3. Do not plug in or unplug the power adapter and adapter connector when hands are wet.
4. To avoid accidental injuries, do not insert machine attached plug into the device when the digital microscope is in use or standby.
5. Do not use alcohol and other organic solvents to clean the device.
6. If the lens or viewfinder is dirty or damp, you should better use dry and non-linen fabric or professional lens tissue to wipe them.
7. The products are not specifically designed for an outdoor use. Do not expose it to outdoor environment without any protection. Excessive temperature and humidity will damage the lens.
8. Please use and store in the following environment: Temperature: 0°C ~ 40°C; relative humidity: 5% ~ 95%.
9. If any foreign matter, water or liquid enter into digital microscope by accident, disconnect the USB cable immediately. Please send it to the maintenance center and do not use the hair dryer to dry it by yourself.
10. To prevent microscope from being tripped over or dropped, please put
away the device's USB cables in use or standby.

11. To avoid electric shock by accident, please power off microscope before you move your PC or TV.
Chapter 2 Packing List

- WiFi Microscope
- adapter for skin observation
- Micro Capture installation CD
- Warranty Card
- Power Adapter
- Battery
- USB cable
- Carrying Bag
Chapter 3 To Know W5

3.1 Name and function of W5 components
Chapter 4 Hardware Operation

4.1 To Know Buttons

【 1 】 working modes
  ① wifi working mode
      Witch W5 to WiFi working mode.
      ◇ operation method of WiFi working mode please refer to 《W5 iOS Operation User Manual(English)》
      ◇ you may charge the battery while using W5 under WiFi working mode by using power adapter or PC
  ② wired USB working mode
      Witch W5 to USB working mode.
      ◇ operation method of WiFi working mode please refer to 《W5 Micro Capture Operation User Manual(English)》
      ◇ you may charge the battery while using W5 under USB working mode by plugging to PC
  ③ power off
      you may charge the battery after power off W5 by plugging to PC or using power adapter
【2】LED indicators

① battery indicator
When the battery power is full, LED shows in green; power moderate, shows yellow; insufficient, red. When displayed in red, please charge as soon as possible.

② wifi indicator
When wifi indicator start flashing, means it is under WiFi working now.
Flashing in green ⇔ WiFi working mode has start
Flashing speed ⇔ wifi signal strength, the stronger the signal, the faster the flashing.

③ charging indicator
You can use W5 while charging power.
Green ⇔ full power
Red ⇔ power not full

【3】zoom in/out, reflection mode control
scroll to left: zoom in
scroll to right: zoom out
press in the middle: switch reflection modes includes high reflection, middle reflection, low reflection

【4】adapter for skin observation
Install another adapter to observe skin

【5】USB interface
The USB interface can be used for charging battery and connecting to PC as well.

【6】brightness control

【7】Record with Built-in microphone
You may record audio video by using the built-in microphone

【8】Change battery
You may change battery as picture shown below
4.2 Hardware Usage

4.2.1 Adapter for skin/hair observation

4.2.1.1 Assemble for skin/hair observation

4.2.1.2 Wired USB working mode: connect W5 to PC

4.2.1.3 Wireless WiFi working mode: connect W5 to mobile devices such as mobile phones, tablets, and PC
4.2.2 Adapter for tiny object observation

4.2.2.1 wired USB working mode: connect W5 to PC

4.2.2.2 wireless WiFi working mode: connect W5 to mobile devices such as mobile phones, tablets, and PC
Chapter 5 Software and APP Installation and Operation

5.1 Micro Capture software for Windows system users

Please refer to 《W5 Micro Capture Operation User Manual(simplified English)》

5.2 APP for iOS /android users

Please refer to 《ios&android Operation User Manual(English)》
# Chapter 6 Main Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical interface</strong></td>
<td>Wired: Micro USB</td>
</tr>
<tr>
<td><strong>Image output protocol</strong></td>
<td>Wired: Micro USB</td>
</tr>
<tr>
<td><strong>Image output protocol</strong></td>
<td>Wireless: IEEE 802.11 b/g/n, http</td>
</tr>
<tr>
<td><strong>Max physical pixel</strong></td>
<td>≈5,000,000 pixel/pixels</td>
</tr>
<tr>
<td><strong>Max resolution</strong></td>
<td>2592 × 1944</td>
</tr>
<tr>
<td><strong>Resolution support</strong></td>
<td>640×480, 800×600, 1024×768, 1280×720, 1280×1024, 2592×1944</td>
</tr>
<tr>
<td><strong>Frame</strong></td>
<td>Max 30fps/up to 30fps</td>
</tr>
<tr>
<td><strong>White balance</strong></td>
<td>Automatic</td>
</tr>
<tr>
<td><strong>Exposure</strong></td>
<td>Automatic</td>
</tr>
<tr>
<td><strong>Light source</strong></td>
<td>White light LED</td>
</tr>
<tr>
<td><strong>Best subject distance</strong></td>
<td>17 mm</td>
</tr>
<tr>
<td><strong>Max optical amplification rate</strong></td>
<td>65×</td>
</tr>
<tr>
<td><strong>Wired working voltage</strong></td>
<td>+5V</td>
</tr>
<tr>
<td><strong>Battery standard</strong></td>
<td>16340, Li-ion, 3.7V, ≥1800mAh</td>
</tr>
<tr>
<td><strong>Max battery run time</strong></td>
<td>45min</td>
</tr>
<tr>
<td><strong>Wireless receiving distance (Smooth signal)</strong></td>
<td>≤80m</td>
</tr>
<tr>
<td>Temperature</td>
<td>Running: -10℃—+70℃; Storing: -30℃—+70℃</td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Shooting range/</td>
<td>≤Ø 58mm</td>
</tr>
<tr>
<td>Humidity</td>
<td>5%—95%</td>
</tr>
<tr>
<td>Boundary dimension</td>
<td>55mm × Ø 62mm</td>
</tr>
<tr>
<td>Weight</td>
<td>≈84g</td>
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</tbody>
</table>