Operating Attentions
1. This is a high-precision product, please do not let it fall or strike.
2. Please do not let the camera close to the objects with strong-magnetic, such as magnet and power-driven machine.
3. In addition, please also avoid closing to the objects which can launch strong radio wave. Because the strong magnetic field may cause product breakdown or destroy the image and sound.
4. Please choose the Micro SD card with brands, because ordinary card can not be guaranteed for using regularly.
5. Please do not put the Micro SD card put in or close to the places with the strong-magnetic in order to avoid losing the data of the Micro SD card.
6. During the process of charging up the battery, if the product gives out heat and smoke or gives off peculiar smell, please immediately unplug the power to avoid the fire.
7. When charging up the battery, please let the product put in the places where children can not touch, because the power cable may cause the children stiffe or suffer from electric shock.
8. Please let the product put in the shady, dry and insulated places.

Foreword
The product is a high-end high definition and athletic camping product. And the product has many functions, such as digital video photography, slow photography, voice, video display and removable battery. Besides, the functions of outdoor sports, home security, and deep waterproof can meet any need of photographing.

Product Features
- Waterproof case is convenient for you to take a photo in water sports and can up to 30 meters deep waterproof.
- Photography
- Slow photography
- The max resolution of video is 1080p @60fps.
- Wide-angle 170° HD camera lens.
- 16-megapixel HD lens
- Low power consumption and be used for about 90 minutes when WiFi is open.
- Super HD 2.0-inch display screen, display and rebroadcast wonderful video.
- Battery is removable and convenient to replace and can extend its life.
- Charge up the battery and get a video at the same time.
- HDMI: high definition output.
- Support 64G memory card.
- Many patterns of recording video:1080p,720p
- H.264 pattern record video
- Many photography pattern: common, timing, automatically, sports trail
- Many record video pattern: common, loop, stop-motion
- Mini appearance: many optional colors
- Support APP upgrade for long-distance

The diagram of product:
Application diagram of assemble:

- Helmet pedestal + pedestal 1 + long pole + waterproof case =
- Camera + bicycle bracket + long pole + waterproof case =
- Helmet pedestal + pedestal 1/long pole + short pole/support 3 + short pole/support 2 + waterproof case =
Guide of operating

1. plug the Micro SD card.
   Attention: please choose the Micro SD card with the brands and use it after formatting on the computer. Ordinary card can not be guaranteed to work regularly.
2. Install and take out the battery
   a. Turn downward the battery cover and turn on it.
   b. According to the plus-minus pole and the arrow on the battery, take the battery into the product and install it correctly.
   c. Make sure the quantity of electricity of the battery, please refer to the diagram.
   d. Turn downward the battery cover then take out the battery.
3. Charge up the battery
   a. use the USB cable to connect the computer or the adapter to charge up the battery.
   b. Charge up the battery and record video at the same time.
4. Power on and power off the camera
   a. Press the power key for about 3-5 seconds then power on/off
   b. Open the screen then power on and close the screen then power off.
5. Open/close the WiFi
   a. Open the WiFi: short press the up key then open successfully, the LED light turns to flashing yellow light.
   b. Close the WiFi: after opening the WiFi, short press the up key, the yellow light is black out.
6. Change the mode
   Power on then short press the key of the power on/off, you can change the modes between record video/photography/slow photography/playback file and setting.
7. The LED light
   The LED light of working: the blue light is at work.
   The LED light of WiFi: the yellow light flashes when WiFi is opening; the yellow light is bright when WiFi is connected; the yellow light turns off when WiFi is closed.
   The LED light of charging up the battery: the red light is bright when the product is charging up the battery; the red light turns off when the quantity of electricity is enough.
8. How to photography and photograph option set
   a. Photography and video settings
      The camera gets into video mode, press the Enter key to start recording. When recording, the bottom + sign is flashing then press the Enter key to stop recording while + mark disappears.
      Video Mode: Normal, loop recording (2 minutes, 3 minutes, 5 minutes), time-lapse video (0.5 seconds, 1 second, 2 seconds, 5 seconds, 10 seconds, 30 seconds, 60 seconds).
   b. Take pictures and picture-taking settings
      Turn the power on, when the camera enters the mode option to select the camera mode, the upper left corner of the screen has pictures sign and then enter the camera mode. Press the Enter key to take the picture.
      picture-taking Mode: Normal, the timing (3 seconds, 5 seconds, 10 seconds, 20 seconds), automatic (3 seconds, 10 seconds, 15 seconds, 20 seconds, 30 seconds), the trajectory (3P / S, 5P / S, 10P / S, 20P / S).
   c. Slow photography and slow photograph settings
      The camera enters slow photography mode option to select the shooting mode, press the Enter key to start recording. When recording, the bottom + sign is flashing then press the Enter key to stop recording while + mark disappears.
      Slow Photography mode: 1080P / 60FPS, 720OP / 120FPS

NOTE:
And your smartphone need to do download Google Play, iOS smart phone need to download in the Apple Store.

Connection procedure:
a. After power on, press the up key; "WiFi message" appears on the screen, then the WiFi light will flash;
b. In your smartphone or tablet's WiFi settings connect to the network called "Action Cam" followed by a series of numbers.
   Enter the password "1234567890".

c. Point and open "XDU" APP program, you can preview the shooting screen on the APP, remote video, camera, file playback / download / delete / share.

d. APP installation the phone system requires Android 4.1 and above or iOS 7 or more, scanning "XDU" APP dimensional code, follow the prompts to complete the installation.

10. software Upgrade
By APP: firstly make sure the phone networking, open APP, after connecting the camera, if the new version is available, it will be automatically prompted to upgrade.
Tip: When the poor operation of the product caused by the phenomenon of death, removable battery should be re-installed. Then the machine returns to be normal.
11. Basic specification of the camera

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCD screen</td>
<td>2.0LTPS</td>
</tr>
<tr>
<td>Lens</td>
<td>170°×140° high definition wide-angle lens</td>
</tr>
<tr>
<td>Optional languages</td>
<td>English, Simplified Chinese, Traditional Chinese, Korean, Russian, French, German, Italian, Spanish, Portuguese, Japanese</td>
</tr>
<tr>
<td>Record video</td>
<td>1920×1080 60fps, 30fps, 1280×720 120fps, 60fps, 30fps</td>
</tr>
<tr>
<td>Format of record video</td>
<td>MP4</td>
</tr>
<tr>
<td>Format of video compression</td>
<td>H.264</td>
</tr>
<tr>
<td>Resolution of photos</td>
<td>16MP/14MP/12MP/10MP/8MP/8MP/8MP</td>
</tr>
<tr>
<td>Card</td>
<td>Micro SD</td>
</tr>
<tr>
<td>Take photos mode</td>
<td>common, timer, automatically, sports trail</td>
</tr>
<tr>
<td>Record video mode</td>
<td>common, loop, stop-motion</td>
</tr>
<tr>
<td>Slow photography</td>
<td>1080P/30fps, 720F/120fps</td>
</tr>
<tr>
<td>Light frequency</td>
<td>automatically, 50Hz, 60Hz</td>
</tr>
<tr>
<td>USB</td>
<td>USB 2.0</td>
</tr>
<tr>
<td>Adapter</td>
<td>5V/1A</td>
</tr>
<tr>
<td>Battery capacity</td>
<td>900mAh</td>
</tr>
<tr>
<td>Power consumption</td>
<td>About <a href="mailto:400mA@4.2V">400mA@4.2V</a></td>
</tr>
<tr>
<td>Time of recording video</td>
<td>1080P, about 90minutes</td>
</tr>
<tr>
<td>Time of charging up the battery</td>
<td>About 2 hours</td>
</tr>
<tr>
<td>OS</td>
<td>Windows XP/7/8 SP3/Vista and Mac 10.5 or above</td>
</tr>
<tr>
<td>Size</td>
<td>59×41×29mm</td>
</tr>
<tr>
<td>Weight</td>
<td>44g (without battery), 58g (with battery)</td>
</tr>
<tr>
<td>Temperature of working</td>
<td>-10°C ~ +55°C</td>
</tr>
<tr>
<td>Temperature of storing</td>
<td>-20°C ~ +70°C</td>
</tr>
</tbody>
</table>

Note: Specifications could be subject to modification due to upgrading or updating. Please regard the actual product as the standard form.