




TECHALOGIC XV-1 2k QHD Helmet Camera User Manual

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**XV-1 User's manual
2K helmet camera**

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Product Specification

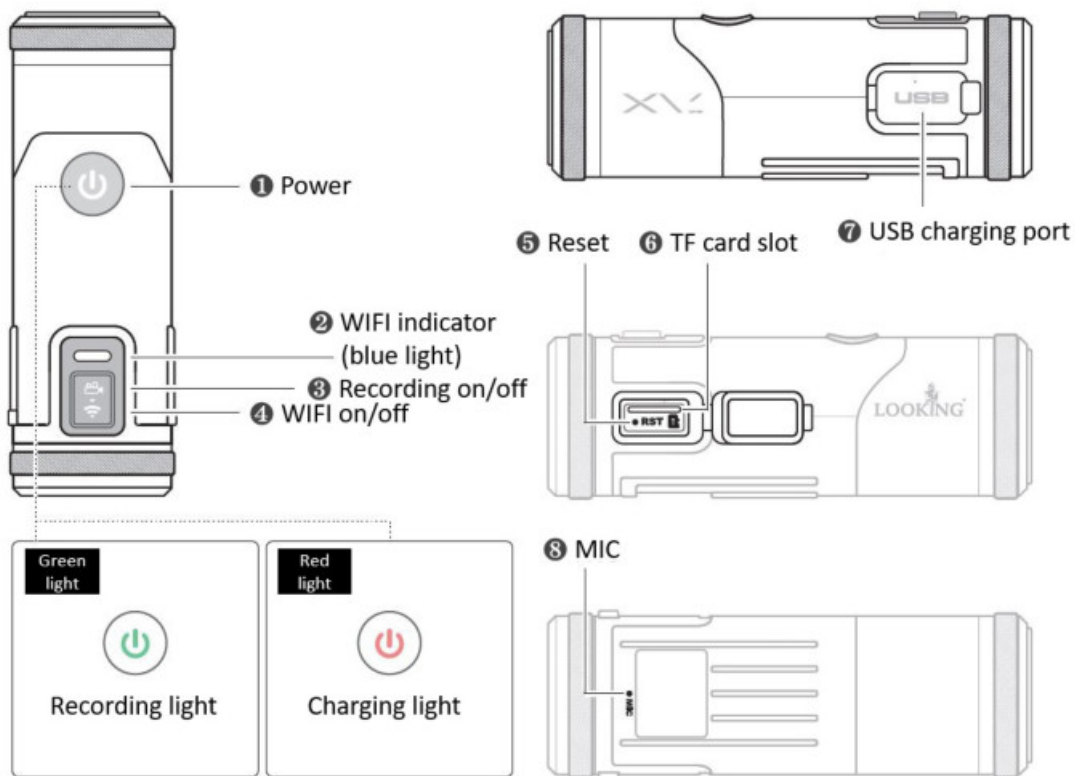
Sensor	SONY IMX307
Aperture	F1.8
Lens Angle	Front: 140°
Photo	JPEG
Video	MP4
Resolution	QHD 2560 X 1440P 30fps FHD 1920 X 1080P 60fps
Waterproof	IP66
Battery	1500 mAh Note 3-4 hours working time at full charge.
Size / Weight	D32.8 x 100mm / 98.5g
Memory card	TF card Max. 128G
WIFI	Built-in
MIC	Built-in
Controller	Optional wireless controller can take a photo/lock the file

Product Features

- Portable design, easy DIY installation can be used for various activities.
- 1500mAh battery capacity and 3-4 hours recording per full charge
- Using SONY IMX307 stars sensor, good night vision
- A waterproof IP66 rating can be used for some water activities.

- Intelligent energy-efficient detection to maximize battery duration
- Review video on mobile phone via WIFI
- Optional wireless remote to lock the critical file and take photos easily

Product Structure



1. Power button
2. WIFI indicator (blue light)
3. Recording button
4. WIFI button
5. Reset
6. TF card slot
7. USB charging port
8. MIC

Key buttons commands

1. To power on / off: Press and hold the ❶ power button for 3 seconds, and the camera will vibrate.
2. To start/stop recording: Short press the ❸ recording button ONCE.
3. To turn the WIFI on/off: (First, stop recording.) Short press the ❹ WIFI button TWICE.
4. To format the TF card: (First, stop recording and turn off the WIFI.) Quick short press the ❺ recording button 5 times.

Note: If the camera can't detect or read the TF card, the 2 lights are flashing alternately.

IMPORTANT: For 64GB / 128GB TF cards only format it by pressing the key button 5 times.

Operations

Charge the Battery

1. Please charge the camera before use.
2. Please use the USB cable included in charging the camera.
3. While charging, the charging light (red light) will remain on, and it will automatically shut off at full charge.

Note: Please don't use the USB port of the computer to charge the camera.

Check the battery status

Short press once the **📹** recording button to stop recording first, and press twice the **🔋** power button to check the battery status:

- Camera vibrates 3 times: battery power is more than 50%.
- Camera vibrates twice: battery power 30%-50%.
- Camera vibrates once: battery power is less than 30%.

Note: If the battery reaches 0%, the camera will automatically turn off.

Intelligent Energy-saving System

1. When the camera does not detect any motion for 3 minutes, it will automatically turn off.
2. When an external power supply is connected, the energy-saving system will be disabled.
3. This feature can be turned on/off in the APP's setting page.

Insert the TF card



1. Open the cover of the TF card slot.
2. Insert a Class 10 or above TF card and the Max. storage is 128G. Please make sure to insert the TF card in the right direction and cover the card slot.
3. Don't remove the TF card while the camera is recording.
4. Please format the TF card when using it the first time. Format the TF card by quickly pressing the camera's **📹** recording button 5 times or by using the APP.

Note: When using a new TF card, make sure to format it first or the camera might not be able to detect the card (you will see the 2 lights are flashing alternately).

Format the TF card

1. **By quickly pressing the camera's button:** stop recording first (you'll see the green light remain on, it should not be flashing). Quick press the **📹** recording button 5 times and the camera will vibrate 5 times to format the card.

IMPORTANT: For 64GB / 128GB TF cards only format it by pressing the key button 5 times.

<p>Step 1</p>	 <p>Press the recording button once to stop recording first</p>
<p>Step 2</p>	 <p>You'll see the green light remain on (it should not be flashing).</p>
<p>Step 3</p>	 <p>Quick press the recording button 5 times, and the camera will vibrate 5 times</p>
<p>Step 4</p>	 <p>When the format is done, the camera start recording (the green light is flashing).</p>

See instructional video here:



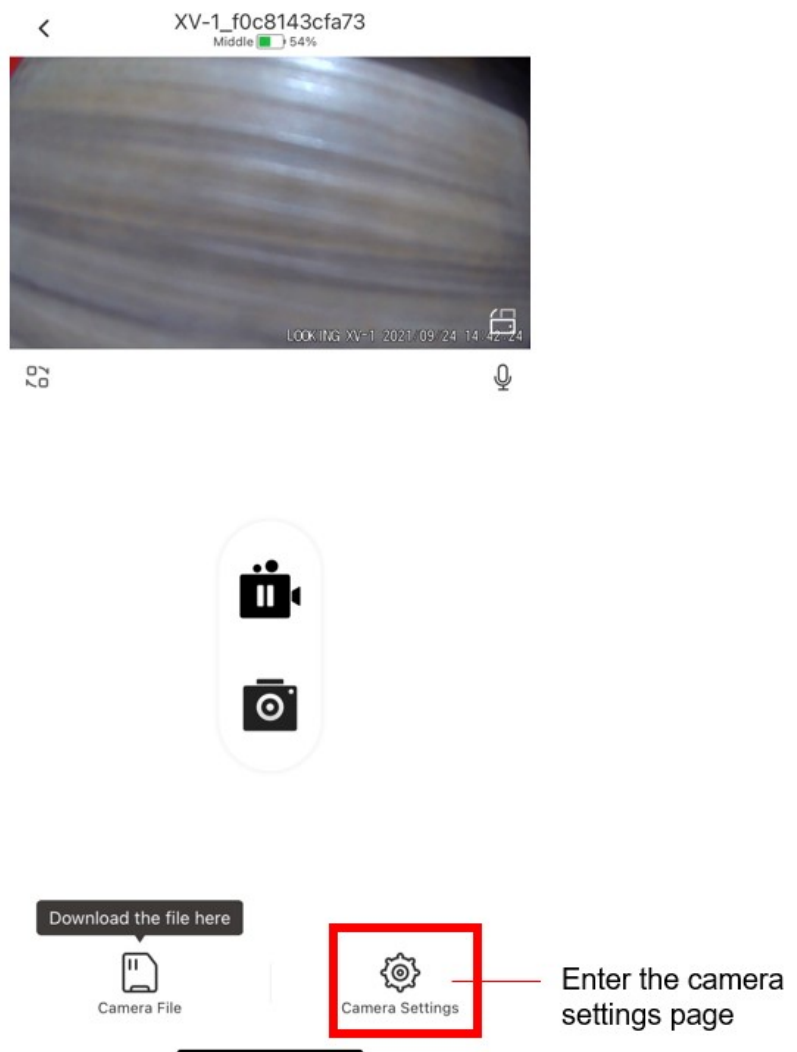
<http://user123872.piee.pw/3jwzwl>

2. Using the APP: install the LOOKING CAM APP and connect your phone's WIFI to DB-1's WIFI, then go to the APP's setting page and format the TF card.

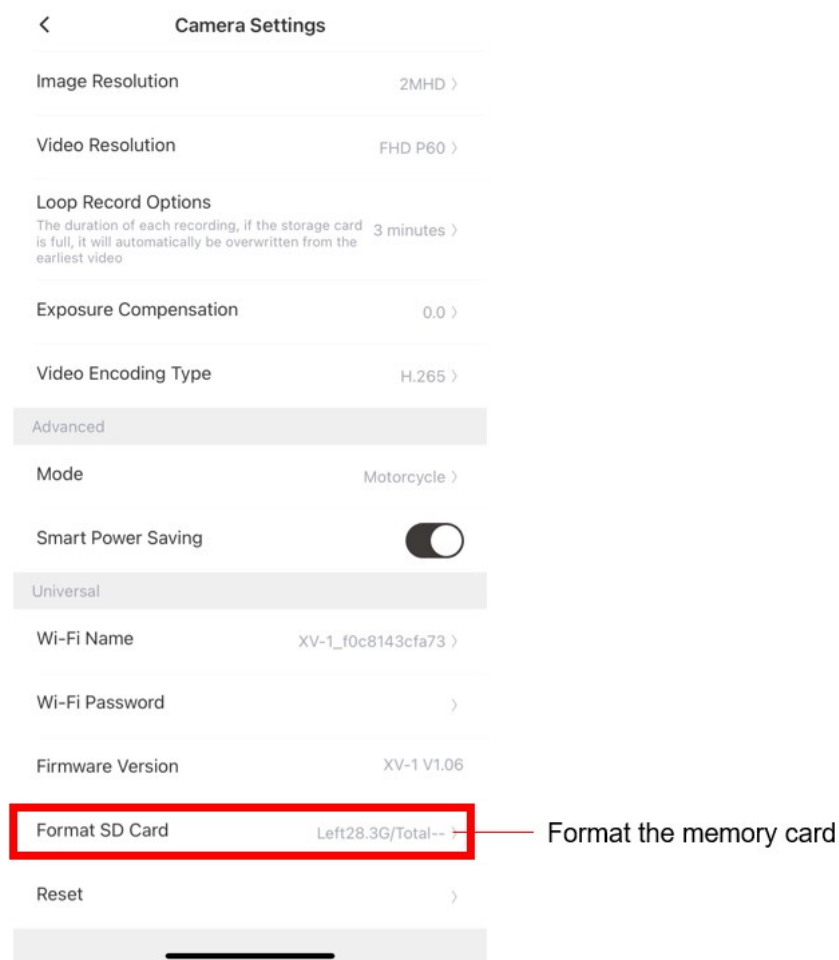
Step 1



Step 2



Step 3



See instructional video here:



<http://user123872.piee.pw/3pl29v>

Using the Camera

1. Before use, make sure that the camera is fully charged, and the TF card is inserted.
Note: The TF card must be formatted when using it with the camera for the first time.
2. Long press and hold the **⏻** power button 3 seconds to turn on the camera, and it will vibrate once.
3. Once the camera is turned on, the recording light (green light) remains on (meaning, it's not recording), then it will automatically start recording. The green light will flash during the recording.

To STOP recording, press the **③**recording button. The camera will vibrate once, and the green light will remain on (not flashing). To START recording again, press the **③**recording button and the camera will vibrate. The green light will start flashing indicating that the camera is recording.

4. Turn on the camera's WIFI by pressing the **④**WIFI button TWICE. The blue WIFI light will flash indicating that the camera's WIFI is turned on. If it is not connected to the phone's WIFI within 1 minute, the camera's WIFI will automatically turn off. If the camera is connected to the phone's WIFI, the blue light will remain on (it will not be flashing).

Note: If you turn off the camera without turning off the camera's WIFI, the next time the camera is turned on, the WIFI will automatically be on.

5. Long press the **①**power button for 3 seconds to turn off the camera, and it will vibrate twice.
6. If the camera can't detect a memory card or if there's an error in reading the card, the camera will vibrate 3 times and 2 lights will flash alternately as a warning.

Using the Remote Control

1. The controller is optional. The wireless design can be flexibly installed and used according to the operator's needs.
2. The camera and remote control will be automatically connected within 3 meters.



Use the APP via WIFI

Please scan the QR code to download the APP,
or search LOOKING CAM on Google play/APP store.



iOS Looking CAM



Android Looking CAM

<https://apps.apple.com/tw/app/looking-cam/id1517511160?l=en>
https://play.google.com/store/apps/details?id=com.vidure.looking&hl=en_US

1. Download the LOOKING CAM APP.
2. After turning on the camera, press the **WIFI** button TWICE to turn on its WIFI. Once the WIFI is on, the blue WIFI indicator light will flash.
Note: If the camera is not connected to the phone within 1 minute, the camera's WIFI will automatically turn off. If the camera successfully connects to your phone, the camera's blue WIFI indicator light will remain on (not flashing).
3. Go to your phone's settings page, click the camera's WIFI and enter the password to connect to it. The camera's WIFI name is DB1+SSID NO. and the password is 12345678
Note. Please DON'T change the WIFI name or the password to avoid connection errors.
4. Once the camera's WIFI is connected to your phone's WIFI, open the LOOKING CAM APP and follow the on-screen instructions to add the camera to the APP.
5. If successful, you'll see the camera in the LOOKING CAM app. Click ACCESS CAMERA, you can now use the app to control the camera, start/stop recording, take photos, view and download your videos, and more.
6. When the camera is connected to the APP (blue light is ON but NOT flashing), all operations (such as start/stop recording) should be done through the APP because the key button on the camera will be disabled.
7. To change the camera's settings, go to the APP then press the Settings icon.
Note: The camera will STOP recording when you're in the setting page (the green light is on, but NOT flashing). Remember to go back to the main page, so the camera can continue recording (indicated by the flashing green light).

Common Questions

Q1: I can't use 64G or 128G on my camera.

A: For 64GB / 128GB TF new cards, you have to format it by pressing the key button 5 times. After the format is done, the camera can read the card and you can use it.

Q2: I can't connect the APP.

A: (1) Please check if you've turned on your phone and camera's WIFI. Is the camera's blue light flashing? If the blue light doesn't appear, it means that the camera's WIFI is not turned on. Stop recording first, then turn on the WIFI by pressing the **WIFI** button twice (the blue light will be flashing). Find the camera in your phone's WIFI settings page and connect to the camera. (2)

Please check that you're connected to WIFI, and not Bluetooth. (3) Please check the flashing of the lights, if you see 2 lights flashing alternately, this means that the camera can't detect the memory card. Format the memory card by pressing the **●** recording button 5 times, then connect again.

Q3: The camera turns off automatically.

A: (1) Please check if the memory card is inserted properly? (2) The camera has a 3-minute energy-saving detection feature. If the camera detects no movement for 3 minutes, it will automatically turn off to save power.

Q4: Updating the Firmware of the camera.

A: If a new firmware is available, (1) you can download it from our website or (2) you can update the firmware through the LOOKING CAM APP.

Q5: Setting the date & time.

A: When you connect to WIFI, this will auto-update, so you don't need to set it manually.

If you need any further assistance, please email to sales@lookingtaiwan.com.

THANK YOU!

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance 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 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.

RF Exposure Statement

To maintain compliance with FCC's RF exposure guidelines, This equipment should be installed and operated with a minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

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Documents / Resources

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