Safety Guidelines

- Keep it safe from falling and dropping.
- Keep it distance from any strong magnetic interference objects like electrical machine to avoid strong radio waves that might be damaging the product and affect the sound or image quality.
- Don’t expose the product directly to high temperatures and strong sunlight.
- We recommend using high quality Micro SD Card for the best results. Please format the micro SD, micro SDHC and micro SDXC memory card on the camera before using and restart the camera after formatting.
- Don’t place your Micro SD card near strong magnetic objects to avoid data error or loss.
- Remove the battery before using as a dash camera.
- In case of overheating, unwanted smoke or unpleasant smell from the device, unplug it immediately from the power outlet to prevent hazardous fire.
- Keep it safety from children while on charging.
- Stored the device in a cool, dry and dust free location.

Introduction

Action Camera is a high-definition digital motion video recording device, created to reach market demand. It has a wide variety of the leading features for digital video recording, photo shooting, audio recording with screen display and detachable battery. Best suitable for vehicle recording, outdoor sports, home security, diving and more related activities. Allowing you to enjoy the moments while capturing every scene anytime, anywhere.

THE BASICS
Tips:
* Press and hold the **UP** button for seconds to zoom in, Press shortly the **UP** button to open Wi-Fi.
* Press and hold the **DOWN** button for seconds to zoom out, Press shortly the **DOWN** button to turn on/off the voice recording.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Camera</th>
<th>Camera Battery</th>
<th>Waterproof Housing</th>
<th>Mount 1</th>
<th>Mount 4</th>
<th>Mount 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clip 1</td>
<td>Pole Mount</td>
<td>Helmet Mounts * 2pcs</td>
<td>Adhesives * 2pcs</td>
<td>USB Cable</td>
<td>Bandages 4pcs</td>
</tr>
<tr>
<td>User Manual</td>
<td>2.4G Remote</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*In order to ensure the waterproof performance, please make sure that the waterproof shell whether seal well before use.
If the white Silicone ring of waterproof shell can not seal well, please stop use this waterproof shell.
*please dry it in time after use, , otherwise the waterproof shell metal button will dust and reduce the waterproof performance.
*Waterproof shell is vulnerable product, we strongly recommend ,according to the usage of the environment and frequency, to replace the waterproof shell in time.
*2.4G remote and remote button cell and remote controller bandage are for remote version only.
HELLO

Congratulations on your new camera! This user manual will help you learn the basics of capturing life’s most incredible moments!

To power ON:

Press the Power/Mode Button

To power OFF:

Press and hold the Power/Mode Button, or in the video or photo mode slide the screen down forward, the screen will show as following, and then touch the Power off Icon to shutdown the camera.
OVERVIEW

Turn camera ON, repeatedly press the **Power/Mode Button** to cycle through camera modes and setting. The modes will appear in following order:

Or slide the screen right or left by finger, the modes will cycle in following order:

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SETTINGS

Repeatedly press the **Power/Mode Button** to setting menu and press the UP or Down Button to cycle through the various options, then press the Shutter/Select Button to select desired option.

Or touch the **Setting ICON** on the bottom right corner of screen to enter to the setting menu, and side up or down to cycle through the various option, then touch the screen twice gently to select the desired setting.

---

**Video Resolution:** 4K / 2K 30fps/1080p 60fps/1080p 30fps/ 720p 120fps

<table>
<thead>
<tr>
<th>Micro SD CARD</th>
<th>4K / 2.7K 30fps</th>
<th>1080P 60fps</th>
<th>1080P 30fps</th>
</tr>
</thead>
<tbody>
<tr>
<td>64GB</td>
<td>120mins</td>
<td>240mins</td>
<td>480mins</td>
</tr>
<tr>
<td>32GB</td>
<td>60mins</td>
<td>120mins</td>
<td>240mins</td>
</tr>
<tr>
<td>16GB</td>
<td>30mins</td>
<td>60mins</td>
<td>120mins</td>
</tr>
</tbody>
</table>

**Sound Record:** Off/On

**Time lapse Video:** Off/2S/5S/10S/30S/60S

**Loop Recording:** Off/2Mins/3Mins/5Mins

**Slow Motion:** 1080p 60fps/720p 120fps

**White Balance:** Auto/Sunny/Cloudy/Incandescent Light/Fluorescent

**Contrast:** 0~5

**Exposure:** -3.0~+3.0

**Photo Resolution:** 16M/12M/8M/5M
**Time Lapse:** Off/3S/5S/10S/20S  
**Continuous Lapse:** Off/3S/10S/15S/20S/30S  
**Burst Photo:** Off/3Photos/5photos/10photos  

**Language:** multi-language  
**Date/Time:** MM/DD/YY  
**Up side Down:** Off/On  
**Driving Mode:** Off/On  
**Wi-Fi:** Off/On  
**Frequency:** Auto/50Hz/60Hz  
**Led Indicator:** Off/On  
**Screen Saver:** Off/10S/20S/30S  
**Power Saver:** Off/2Mins /3Mins/5Mins  
**Date Stamp:** Off/On  

**Format:** Confirmation/Cancel  
**Reset:** Confirmation/Cancel  
**Firmware Version:** QUICK MODE

To enter the quick mode menu

Touch the quick mode ICON in the Vide,Photo mode to enter the quick mode menu.

**VIDEO MODE**

To record video, verify the camera is in **Video Mode**, if the Video icon in your camera’s LCD is not showing, press the **Power/Mode Button** repeatedly or slide the screen right or left until it appears.

**To Start Recording:**  
To press the **Shutter/Select Button**. The camera **Status Light** will flash at the upper left of the screen while recording.

To Start Time Lapse Video Recording:

Enter the video setting menu, select the time lapse function and return to video mode, the time lapse icon will show at the upper left of the screen, then To press the Shutter/Select Button. The camera Status Light will flash at the upper left of the screen while recording.

Or select the **Time Lapse Video** mode in the quick mode menu, the menu will directly return to the **Time Lapse Video** mode and the time lapse icon will show at the upper left of the screen, then To press the Shutter/Select Button to record the time lapse video, The camera Status Light will flash at the upper left of the screen while recording.
**To Start Slow Motion Recording:**
To record slow motion video, verify the camera is in **Slow Motion Mode**, and press the **Shutter/Select Button** to start the slow motion video recording.

Or select the **Slow Motion** mode in the quick mode menu, the menu will directly return to the **Slow Motion** mode and the slow motion icon will show at the upper left of the screen, then To press the Shutter/Select Button to record the time lapse video, The camera Status Light will flash at the upper left of the screen while recording.

**To Stop Recording:**
To press the **Shutter/Select Button**, the camera **Status Light** stop flashing to indicate recording has stopped.

This camera automatically stops recording when the battery is out of power. Your video will saved before the camera powers off.

**Tips:**
* Press and hold the Up or Down Button to zoom in or zoom out while recording.
* Press the Down Button to turn on/off the voice recording.

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**PHOTO MODE**

**To capture photo:**
To capture photo, verify the camera is in different **photo mode**, such as Photo, Burst photos, Time lapse, Continuous lapse, if the photo mode icon in your camera’s LCD is not showing, press the **Power/Mode Button** repeatedly or slide the screen right or left until it appear.

**To capture a photo:**
To press the **Shutter/Select Button**, The camera will emit the camera shutter sound.

Or select the **Photo** mode in the quick mode menu, the menu will directly return to the **Photo** mode and the photo icon will show at the upper left of the screen, then To press the Shutter/Select Button to photo, The camera Status Light will emit the camera shutter sound.

**Tips:**
* Press and hold the Up or Down Button to zoom in or zoom out while recording.

**To take Burst Photo series**
To capture a **Burst Photo series**, verify **Burst Photo** is on in the Photo Setting Menu.
Press the **Shutter/Select Button**, the camera will emit shutter sound each time a photo is taken.

Or select the **Burst Photo** mode in the quick mode menu, the menu will directly return to the **Burst Photo** mode and the **Burst Photo** icon will show at the upper left of the screen, then To press the Shutter/Select Button to photo, The camera will emit shutter sound each time a photo is taken.

To take time lapse photo
To capture time lapse, verify the time lapse mode is on. In time lapse mode, then To press the Shutter/Select Button to take photo, The camera initiates countdown and emit shutter sound. Your camera captures a series of photo at 3, 5, 10, 20 second intervals.
To take continuous lapse photo series

To capture Continuous lapse photo series, verify the Continuous lapse mode is on. In Continuous lapse Mode, press the Shutter/Select Button to take photo, then the camera initiates countdown and emit shutter sound. To press the Shutter/Select Button again to stop taking photo. Your camera captures a series of photo at 3,5,10,15,20,30second intervals.

PLAYBACK

Playing back Videos and Photos

Verify the camera is in Playback mode. Touch the Right or Left icon to cycle the videos and photos, and then touch the Playback ICON on the screen or Press the Shutter/Select Button to playback the desired video.

To exit playback mode, touch the Return icon back to Video mode.

DELETE FILES

Delete Videos and Photos

Verify the camera is in Playback mode. Touch the Right or Left icon to cycle the videos and photos, and then touch the Delete icon in the bottom right corner of the screen to delete the bad video or photo one by one.

STORAGE/MICRO CARDS

This camera is compatible with 8GB~32GB(selected up to64GB) capacity micro SD,micro SDHC and micro SDXC memory card. You must use a micro SD card with a CLASS10 (80M/S commended)speed rating at least. We commend using brand-name memory cards for maximum reliability in high vibration activities.

Tips: please format the micro SD,micro SDHC and micro SDXC memory card on the camera before using, Please restart the camera after formatting.

Please make sure the card plugged in the right way, otherwise it will damage itself and the camera.

BATTERY

Charging the battery

To charge the battery
1. Connect the camera to a computer or USB power supply.
2. The charging status light remains ON while the battery is charging.
3. The charging status light will turn OFF when the battery is fully charged.

*Charging time: 3hours
*Please make sure the camera is shut down while charging.
*Charge only with 5V output charger.
*Remove the battery before using as a dash camera.
*Do not store in temperature above 140°F/60°C.
*Do not disassemble, crush, damage or dispose of in fire.
*Do not use swelling battery.
*Stop using the battery after immersed in water.

Wi-Fi APP

Connect to the Wi-Fi App
The Wi-Fi App lets you control your camera remotely using a smart phone or tablet. Features include full camera control, live preview, playback and sharing of selected content and more.

- Download the **NTK Cam App** to your smart phone or tablet from the Google Play or Apple App Store.
- Press the **Power/Mode Button** to power the camera ON.
- Press the **Up/Wi-Fi Button**, or in the video or photo mode slide the screen down forward and then touch the **Wi-Fi icon** to turn on Wi-Fi.
- In your smart phone or tablet’s Wi-Fi setting, connect to the network called “SPORT PRO” followed by a series of numbers. Enter the password“12345678990”.
- Open the **NTK Cam App** on your smart phone or tablet.

*press the **Up/Wi-Fi Button** in the Wi-Fi mode or touch the exit icon on the screen to turn off the Wi-Fi.

The **NTK Cam App** is compatible with smart phone and tablet listed below:

**For Apple IOS**
*iPhone6(plus),6s(plus),7 (above IOS10)
*iPhone Air & Mini (above IOS10)

**For Android**
*Android 4x Quad-Core devices
Video

To start recording:
Press the Video Button. The camera light will flash while recording.

To start time lapse video:
To start a time lapse video, verify the camera is in time lapse video mode.
Press the Video Button. The camera light will flash while recording.

To start slow motion video:
To start a slow motion video, verify the camera is in slow motion mode.
Press the Video Button. The camera light will flash while recording.

To stop recording:
Press the Video Button again. The camera will stop flashing to indicate recording has stopped.

Photo

To take a photo:
To press the Photo Button. The camera will emit a shutter sound.

To take Burst Photo
To capture a Burst Photo series, verify the camera is in Burst Photo mode.
To press the Photo Button. The camera will emit shutter sound each time a photo is taken.

To take time lapse photo:
To capture a time lapse Photo, verify the camera is in time lapse mode.
To press the Photo Button. The camera initiates countdown and emit shutter sound.

To take continuous Lapse photo
To capture a continuous Lapse photo, verify camera is in continuous Lapse mode.
To press the Photo Button. The camera initiates countdown and emit shutter sound, press again the Photo Button the camera will stop taking continuous photo.

Tips:
* The remote controller is only compatible with our camera, the third-party remote controller may not be support.
* The remote controller is splash-proof, please do not use it underwater.
* Be sure to remove the remote control battery and put it in a safe and reliable place, if do not use for a long time.
* The remote control will always be in standby state. If the indicator is not on, the battery may be out of power. In order to confirm the normal use of the remote control, please replace the remote control battery regularly and in time as following steps:
  1. Remove the four screws and the cover;
  2. Remove the battery and insert a new CR2032 battery flat side up.