



JAKD

Action Sports Camera

9903 User Manual

Please read through the complete User Manual before using your JAKD Action Sports Camera, and hold onto the manual for future use. Please operate the camera on basis of full understanding of the manual and camera.

Any alteration of product appearance and specification below are without further notice.

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Precautions

Please read through the following guidelines before operating your JAKD Action-Sports Camera.

- * Refer to manual instructions on how to operate the camera properly. Incorrect operation may cause damage to internal camera components.
- * Avoid dropping or hitting the camera, it may cause damage to the internal components.
- * To avoid accidents, please keep camera out of reach from children and animals.
- * Do not place the camera in a damp or dusty location for extended periods of time. This may cause a fire or an electrical shock.
- * Do not leave the camera in places exposed to extremely high temperatures or indirect sunlight for extended periods of time. This may affect the camera housing and internal components.
- * We recommend using battery in temperatures between 0 and 40°C
- * Turn off the camera before removing its memory card, in case of damage to card or stored data.
- * The temperature of the camera may become warmer, if it is used for an extended period of time. Do not be alarmed; this is normal during long periods of camera operation
- * Do not touch the lens while camera is recording video or photos, it may influence recording quality.
- * Please use a camera specific compressed air cleaner or cleaning cloth to clean fingerprints and dust on surface of camera lens.

JAKD Accessories

Waterproof Camera Casing

Helmet Mount

Handlebar Mount

Basic Buckle Mount

Tripod Mount Adapter

Flat Adhesive Mount

Curved Adhesive Mount

Rechargeable Lithium-ion Battery

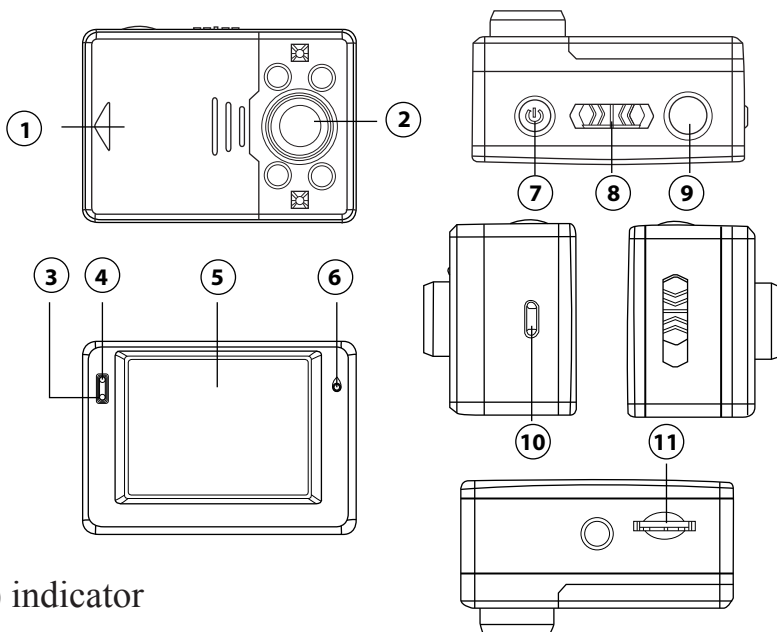
Wall Charger

User Guide

USB Cable



Operating Interface Introduction



1. Battery cover

2. Camera Lens

3. Charging indicator

4. Operation (recording) indicator

5. LCD 2-inch Touch screen

6. Built-in Microphone

7. Power ON/OFF button

8. Mode Selection key (Photo mode / Video mode / Car mode)

9. Shutter button

10. USB port

11. Micro-SD card slot

Inserting and removing the Micro SD-Card

1. Insert Micro-SD card so that the connections are facing towards rear of camera.
2. Removing the Micro SD-Card:
 - Turn OFF camera
 - Press on edge of the storage card slightly, it will eject automatically

Notice: Please ensure you install the Mirco-SD card correctly. Reversed inserting may cause damage to camera and SD card.

Charging the Battery

Connect camera and power supply using the included USB cable and wall charger. During charging, the indicator is red. When battery is fully charged, the indicator will turn off. Estimated charging time: about 2 hours.

Notice:

- To improve charging efficiency, please turn OFF camera during charging.

Button Functions

- Power button turns camera ON and OFF
- Mode Selection Key: Switches between Photo mode, video mode or car mode
- Shutter Button: Snaps a photo and starts/stops video recording.
While in Standby mode, Hold down Shutter button for 3 seconds to switch to Photo mode or video mode. (This allows user to switch to Photo and Video-mode freely when underwater and using the waterproof case.)

Turning Camera ON/OFF

Turning ON camera: Press and hold **U** for 3 seconds to turn ON camera.

(While using Car mode and power is turned ON, the camera begins recording automatically after 3 seconds.)

Turning OFF Camera: Under Standby mode, press and hold Power button for 3seconds.

Auto-Screen-OFF: If there is no operation to the camera when it's in Standbymode, or while recording video for 1 minute, the LCD screen will turn OFF automatically to save battery power.

Auto-Power-OFF: If there is no operation to the camera for 5 minutes while in Standby mode, the camera will automatically turn OFF.

Power-OFF: when battery power is low, the battery icon on the LCD screen will show an empty grid. Insert USB cable and recharge. If battery icon is showing an "X" and flickering, the screen will read "Low battery" and turn off automatically.

Setting Language and Time

Setting Time on Camera: Click on the Clock icon on LCD screen, it will display a setting interface.

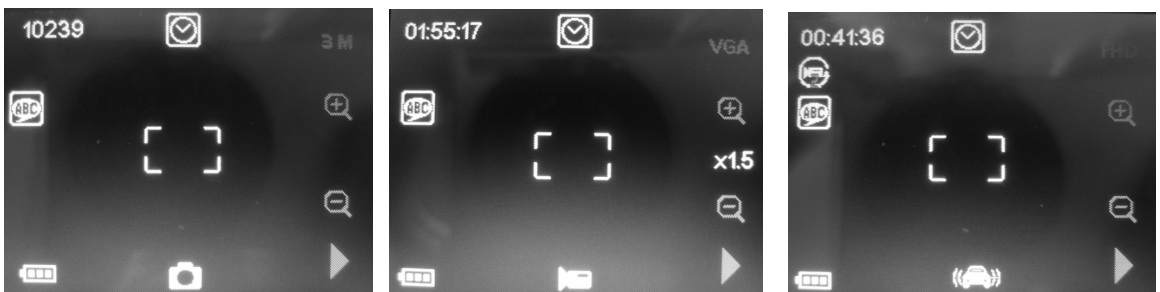
Click to adjust year (2013-2050), month (01-12), date (01-31), hour (0-23), and minute (00-59). Press Shutter button to exit.

(Please note: When adjusting time settings, you can only increase time and date numbers.)

Setting language on camera: Click icon , it will display Language interface.

Select preferred language and then press Shutter button to confirm and exit.

LCD Screen Icons and Functions:



10239 Counter: Indicates remaining the No. of photos.

 Language icon: Select language (English/ Francais/ Italiano/ Portugués/
简体中文 / DEUTSCH/ русский / Español / 日本語



Battery Icon: Indicates remaining battery power



Time Setting Icon: Set the time



Virtual Shutter: Click to record picture/video instead of pressing Shutter button



Photo Icon: Indicates that camera is now in Photo mode



Picture Size: Select 3 or 5 Megapixel (MP) photo quality



Zoom Icon: Press this to zoom in when recording photos/ videos



Zoom Value Icon: Indicates Zoom value



Zoom Out Icon: Press this icon to zoom out



Review Icon: Switches camera to playback mode for reviewing recorded photos/videos



Recording Timer: Indicates remaining recording time



Video Mode Icon: Indicates that camera is ready to record video



Video Resolution: Current HD video quality
(FHD - 1920x1080p25fps, HD - 1280x720p/30fps, or VGA - 640x480p30fps)



Car Mode Icon: Indicates camera is in Car Mode



Loop Recording Mode: Select loop record by 2 minutes or 5 minutes

Video Mode

1. Normal Recording Mode:

- Switch the Mode Selection key on the top of camera to the middle position.
- Press Shutter button or click Virtual Shutter in middle of LCD screen to start recording HD video. During recording, the LED light will flash green. Camera will automatically save out video every 10 minutes and continues recording automatically.
- Press Shutter button again to stop.
- If memory card is full, or battery is low, video recording stops and camera powers OFF automatically.

2. Loop-Recording Car Mode:

- Switch Mode Selection key on top of camera to the right position, press Shutter button or click Virtual Shutter in middle of LCD screen to start recording.
- During recording, green light flashes. Camera will record videos every 2/5 minutes and continues recording automatically.
- When the memory card is full, it will overwrite the first video footage automatically and continue recording, and so on.

Please note: Screen will turn OFF automatically during recording to save more power. Press on anywhere on LCD screen or the Power button to restore display.


Photo Mode

Switch Mode Selection key on top of camera to the left position, press Shutter button or click Virtual Shutter in middle of LCD screen to take photo.

Playback Mode

Playback Interface Icons:



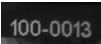
Under Standby mode: click on the ‘Play’ icon  on the bottom right of the LCD screen to switch to Playback mode.



Indicates video file is in AVI format



Indicates a Photo file



Indicates numbers of photos/videos taken



Indicates video resolution



Indicates photo file size



Enter into next file



Enter into last file



Playback the current video



Fast-forward icon



Fast-rewind icon



Pause playback



Continue playback








Enter into delete interface



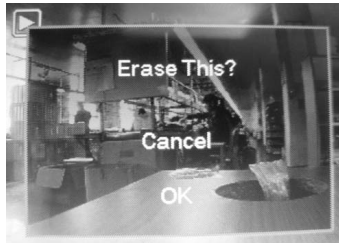
Switch to video/photo mode




Video Playback:


Under standby mode: click  to enter into playback mode, then click  to start playback,  to fast forward,  to fast backward. During fast forward/backward, click  to pause and click it again to come back to normal playback.

Delete/Format Files



- Under playback mode, click  to enter into the interface 1, select “Delete current”, “Format” or “Cancel.”
- If user selects “Delete current” it will enter into interface 2. Click “OK” to delete the current file.
- If “Format” is selected, camera will enter into interface 3. Click “OK” to delete all files. Click “Cancel” to return to playback mode.

Playback video footage on PC

- Connect PC to camera using USB cable. LCD screen displays Mass Storage/PC Camera.
- To browse photo and video files, choose “Mass Storage” and press Shutter button to confirm.
- Open “My Computer” - “Removable Disk” - “DCIM” - “100MEDIA” folder to check files.
- To start PC camera, choose “PC Camera” and press Shutter button to confirm.
- Open “My Computer” and click icon  to start PC

Technical Specifications

Sensor:	5 Megapixel CMOS
Video Resolution:	1080p 25fps / 720p 30fps / VGA 30fps
Photo Size:	3Megapixel (2048x1536) 5Megapixel (2592x1994)
Lens:	130 degree, all glass
External Memory:	Micro SD card slot, supports up to 32G
Format:	JPEG/AVI
Zoom in /out:	4 x zoom
Audio:	Built-in Microphone / buzzer
Screen:	2-inch LCD touch screen
Port:	USB2.0
Waterproof:	Down to 30 metres (98 feet)
Battery:	Built-in 800mAh Lithium battery
PC-function:	Valid