



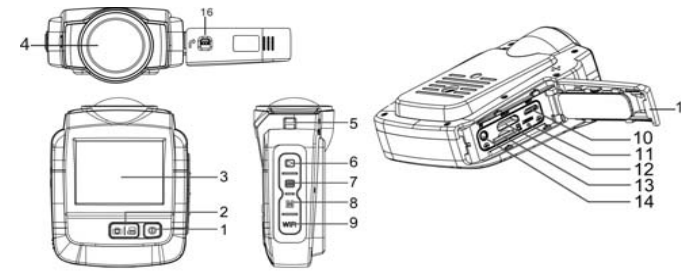
**ion Air Play
User Manual
FCC ID: NW71007
Model: 1007**

Thanks for purchasing ion GAME sport video camera. Ion GAME can mount with the Bike & Helmet Kit for the ultimate adventure HD recording experience.

Getting to know your GAME camera

- ✓ **GAME** is a Professional, High Quality Digital Video Recorder that records in Full HD video
- ✓ It also has the latest **5 Mega Pixel Sensor** for you to take great digital photographs
- ✓ Your camera supports a Micro SD card up to 32GB which allows you taking **1080p with 30 Frame Per Second Video for about 4 Hours**
- ✓ The embedded **1200mAh Lithium-Polymer Battery** can be recharged quickly and thus allowing you hours of recording those memorable moments.
- ✓ The camera performs up to 3 meters under water.

1. Getting to Know Your Camera



1	Power	Press this button to switch on and Shut off. In Preview/Menu/ Playback(single) mode: press it shortly to display or hide the OSD icon (clean screen)
2	Shutter	Press this button in photo capture mode, to take photo shoots. Press this button in movie recording mode, to start movie recording. In menu mode: press this button to confirm the selection bar. In video playing mode: play or pause video playing.
3	LCD screen	Display photographs, video clips, camera setting and menu.
4	Lens	High quality lens to record the image
5	Strap hook	Hook for attaching the wrist strap to the camera.
6	Playback	In preview mode: Press this button to into playback mode. (Default is Thumbnail playback mode). In playback mode (thumbnail): press this button at least 1 Seconds to switch photo and video playback mode. (thumbnail) In photo playback mode (thumbnail): press this button shortly to exit to photo preview mode. In Video playback mode (thumbnail): press this button shortly to exit to video preview mode. In playback single mode: Press this button to exit single playback mode then return to thumbnail mode. In video playing mode: Stop and back to Video Playback (single). photo & setup menu mode : Press this button shortly to exit menu.
7	Menu	(photo mode): Short press this button to into photo & setup menu. (video mode): Short press this button to into video & setup menu. (photo & setup menu mode): short press to Switch between photo and setup menu. (video & setup menu mode): short press to Switch between video and setup menu. In Playback mode: press this button into and exit delete menu.
8	Mode	In preview mode: Press this button to switch movie and still capture mode; In menu mode: press this button to the up or left selection bar. In Playback mode: press this button to the previous one;
9	WiFi	In Menu mode: press this button to down or right the selection bar. In Playback mode: press this button to the next one; In video playing mode: press this button to Slow Forward (1/2, 1/8, 1/32) In preview mode: press this button at least 2 seconds to

		switch WiFi on or off .
10	USB Port	Connect to computer for data transfer or camera setup Charge up your camera
11	Reset button	Reset the camera
12	Mini HDMI Port	Connect the camera to TV through HDMI cable
13	Micro SD card slot	Micro SD card storage location.
14	AV port	Connect the camera to TV through Composite cable

2. Using Your Camera

2.1 Charging up Your Camera

Charge up your camera with the USB cable or optional power adapter. It takes about 2 hours to initially charge the camera. Subsequent charges take approximately 2 hours as well.

2.2 Inserting a Memory Card

Insert a MicroSD card (not included) before using your camera. Turning off the device before inserting the card to the slot

Note

1. There is only one right direction to insert the MicroSD card into the slot. Do not force the card into the card slot or it may damage both the camera and the Micro SD card.
2. A new Micro SD card should be formatted before using.

2.3 Formatting the micro SD card

You can format the micro SD card through the advanced setting menu.

2.4 Set up Date and Time

You can set up your device's date and time through the advanced setting menu. .

2.5 Recording Videos

1. Press the Mode button to select the video clip mode ().
2. For setting the resolution, Press the Menu () button and then press the Shutter button. Four resolutions will be displayed.
1080P30(1920x1080), 960P30(1280 x960), 720P60(1280x720), 720P30(1280x720).
Press the Mode/WiFi button to select the desired resolution, and press the Shutter button to confirm.
3. Press the Shutter button to start recording videos, and press the Shutter button again to stop recording..



- !! An extra WQVGA video file will be created together with your video. Its small file size allows you to upload to social media sites more effectively.
- !! The FHD/HD video files will be saved as IONxxxx.MP4. The WQVGA video will be saved as IONxxxx_thm.MP4. "xxxx" is the file number digit.

2.6 Taking Photos

You can take a photograph by pressing the Shutter button shortly after you turn on your ion camera.

Note:

1. Taking photo function is disabled during video recording
2. You can change the photo resolution and shot mode through the advanced setting menu.

2.7 Playback Videos

You can play back videos on the camera in both thumbnail (default) and single mode.

2.8 Playback Photos

You can play back photos on the camera in both thumbnail (default) and single mode.

2.9 Deleting Files

You can delete single/all the photo/video files on the camera.

Note:

Select "All" and Press the Shutter button to confirm, all the pictures and videos will be deleted.

2.10 CamLOCK™ Mount System

Ion's versatile CamLOCK™ Mount System allows you to attach the ion camera to any type of helmet (bike, motorcycle, ski, skydive etc.), pole and handlebar of bike and motorcycle, board (surf, skate, ski etc).

You can refer to the specific mounting guide to learn how to install your mounts with your camera in particular activity.

3. Connecting Your Camera

3.1 Connecting Your Camera to a PC

Connect your ion camera to a PC thru USB cable. It allows you to

Browse/Move/Copy/Delete the files saved in the camera

3.2 Connecting Your Camera to a TV/HDTV

You can connect your camera to a TV or HDTV through Composite (RGB) or HDMI cable. It allows you to

1. Take photos or videos by using your TV as a viewfinder
2. Playback any photo or video files saved in the camera in single playback mode.
3. Delete any files saved in the camera

Note:

All the operations are the same as the camera is not connected to a TV/HDTV.

3.3 Sign Up for free ion Cloud Storage

You can sign up 8GB of free Cloud storage for storing and sharing of video and photo content. Enter www.iontheaction.com/ioncloud to sign up as a free member.

4. Troubleshooting

Problems	Causes	Solutions
1. The camera turns off automatically 2. Cannot turn on the ion camera	Run out of battery	Recharge the camera
Cannot take photos or video	1. Memory full 2. Micro SD card is not inserted 3. Micro SD card has not been formatted properly.	1. Replace with a memory card with space available for contents 2. Insert a SD card 3. Format the Micro SD card
Cannot find removable	Connection failure.	1. Make sure all cable

disk after connecting the camera to the computer.		connections are secured and restart the computer if necessary. 2. Try a different USB port.
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5. Specification

Sensor	2.2µm pixels 1/2.5" HD CMOS sensor
Lens	150° ultra wide angle in 720p 127° wide angle in 1080p 170° ultra wide angle in 960p
Focus range	0.5m - ∞
Video	1080p: 1920x1080 pixels (16:9), 30 fps
	960P:1280x960 pixels(4:3), 30 fps
	720p: 1280x720 pixels (16:9), 60 fps
	720p *: 1280x720 pixels (16:9), 30 fps
	Format: H.264 compression, saved as MP4 file Dual Video files for easy sharing
Photo	Resolution: 16MP, 5MP, 3MP, VGA in JPEG format Capture Modes: Single shot, Burst mode(10 photos), Time lapse(5/10/30/60s), Self-timer (5/10s)
	Built-in high quality microphone
Audio	AAC Compression, mono with AGC(automatic gain control)
Storage	Micro SD card in minimum Class 10 up to 32GB (not included)
	Average Recording Times: about 4 hours (using 32GB mSD card in 1080p30/720p60)
Connection	USB2.0 (for data connection and battery charging)
	HDMI
	AV / Composite
Power	Build-in 1200 mAh Rechargeable Lithium-Polymer Battery Battery Life: Approximately 2.5 hrs (w/o WiFi) or 1.0 hrs (w/ WiFi) with around 15meter operation distance
	Waterproof
Dimension	85mmx66mmx38.1mm
Weight	Approximately 157g

6. System Requirements

Operating system	Windows 7/XP SP3 /Vista and Mac 10.5 or above
CPU	Pentium 4 / 3.0G or faster recommended
RAM	1 GB MB RAM (Vista : 2 GB)
Interface	USB port
CD	4x speed CD ROM or above

IMPORTANT

- **Keep the lens clean. Dirt and fingerprints will affect the quality of the picture.**
- **After using the camera underwater, do shake off the water inside the microphone and speaker.**
- **Rinse the camera with clean water after used and keep it dry for storage.**

- **You can refer to the detail operation instruction at the user manual**

FCC Statement

IMPORTANT REGULATORY INFORMATION

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 that is received, including any interference that may cause undesired operation.

WARNING:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

Ad Hoc function is supported but not able to operate on non-US frequencies.--WIFI

Do not use the device with the environment which below minimum -10°C or maximum over 50, the device may not work.

In order to comply with RF exposure requirements, a minimum distance of 20cm must be maintained between the antenna and all persons

Questions?

Need Some Help?

This manual should help you understand your new product.

If you still have questions, visit our website:
www.iontheaction.com

Like Us:

www.facebook.com/iontheaction

Tweet Us:

www.twitter.com/iontheaction



For EU only