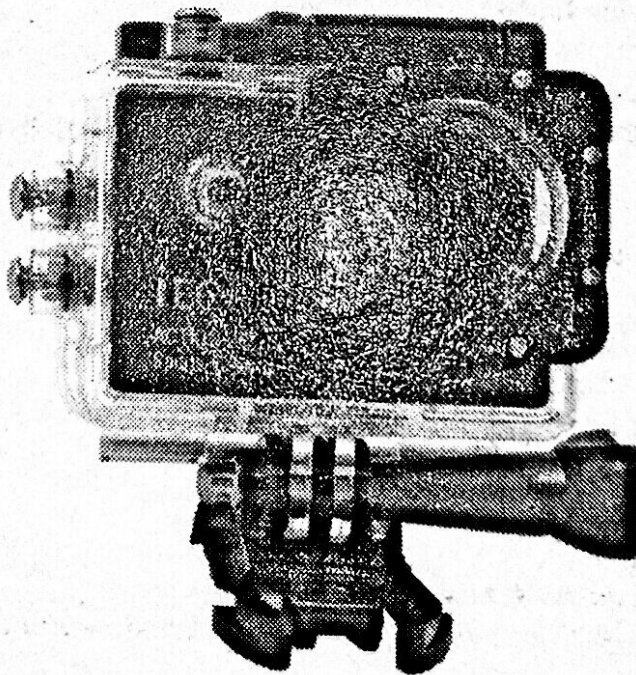# itek™ by SoundLogic

## AC-6/6072

## ACTION PRO
## 1080P Ultra HD Sports Camera

# INSTRUCTION MANUAL

PLEASE READ ALL INSTRUCTIONS CAREFULLY AND RETAIN FOR FUTURE USE

## Getting Started
- Remove the Action HD Camera from the box.
- Remove any packaging from the product.
- Please retain all packaging until you have checked and counted all the parts and the contents against the parts list.

## Package Contents
- Action HD Camera with Waterproof housing
- USB cable
- 8GB Micro SD Card
- Handle Bar/Pole Mount
- Mount 1, Mount 2, Mount 3 and Mount 4
- Clip
- Straps
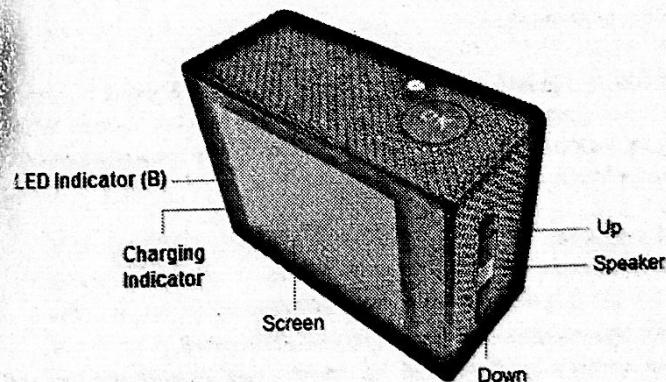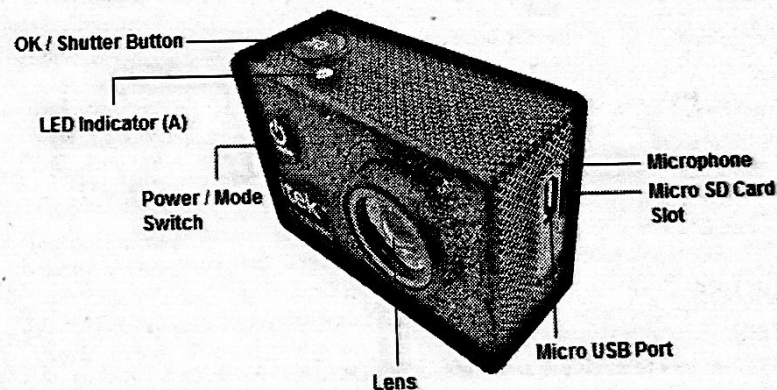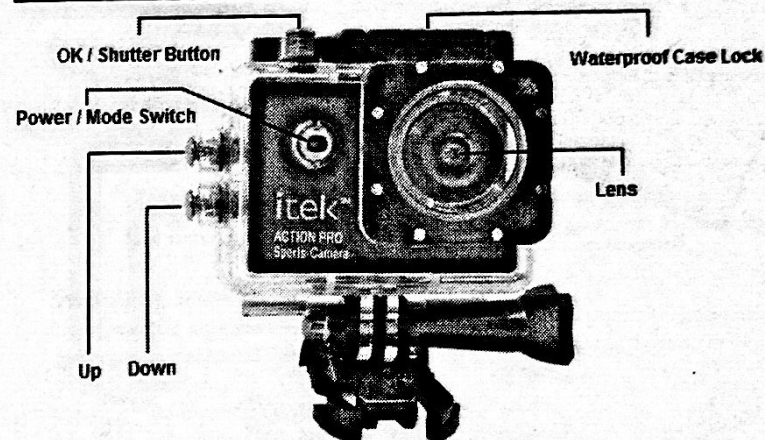- Removable Lithium Battery
- Instruction Manual

## Key Features
- LCD 2" Display
- Camera 120 Degree Wide Angle
- Focus: 20cm upwards
- Image Resolution: 12M/10M/8M/5M/3M/2M/1M/VGA
- Video Resolution: 1080P (1920x1080); 720P (1280x720); VGA (640x480)
- Audio: WAV Format
- Video: AVI Format
- Shooting Mode: Single Mode/Continuous Mode
- Self Timer: 2s, 10s
- Built-in Microphone & Speaker
- Input/Output: USB 2.0 Micro
- Storage: Micro SD Card up to 32GB
- Electronic Shutter
- Removable Lithium Battery
- Video Output: 50/60Hz
- Water Proof: 100 Feet underwater up to 1 hour
- Supported O/S - Microsoft Windows 2000, XP, VISTA, Window 7 or later versions

## SAFETY INSTRUCTIONS
- Keep the unit away from extreme heat sources.
- Do not use the unit if it has been dropped or damaged in any way.
- Repairs to electrical equipment should only be performed by a qualified electrician. Improper repairs may place the user at serious risk.
- Do not put objects into any of the openings.
- Keep the unit free from dust, lint etc.
- Do not use this unit for anything other than its intended use.
- Keep the unit out of reach of children.
- This appliance is not a toy.

## Description of Parts

Battery cover lock

Battery cover

## Accessories



| | | | | |
|---|---|---|---|---|
| Waterproof housing | USB cable | Handle Bar/Pole Mount | Mount 1 | Mount 2 (with adhesive) |
| Mount 3 | Mount 4 | Clip | Straps | Lithium Battery |
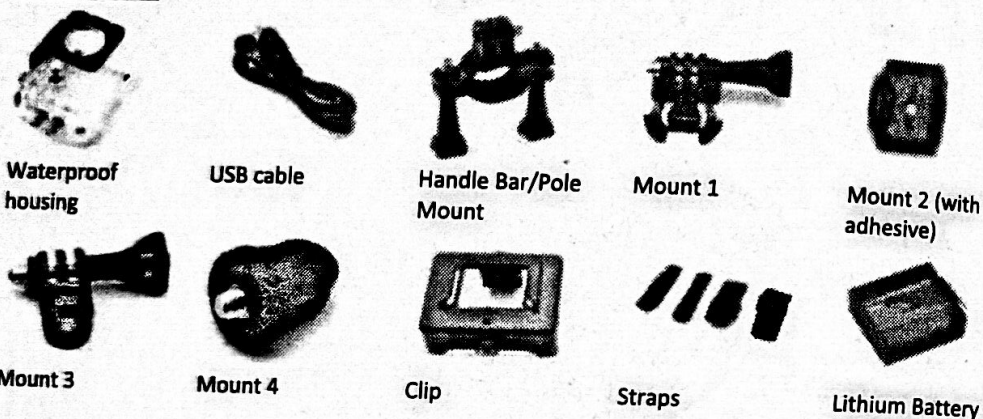
## INSTRUCTIONS FOR USE

### Installing the Battery

1. Slide the battery cover lock towards the arrow indicator next to it.
2. Take off the battery cover. Install the lithium battery as per indicated point.
3. Replace the battery cover, securely.

### Charging the Battery

1. Connect the USB Cable (included) to the Micro USB Port of the Camera. And connect the other end of the cable either to a computer USB Port or another suitable power source. While charging is in process, Charging Indicator turns Blue and it turns off when the battery is fully charged. Usually, it takes about 4 hours to fully charge the battery.

Note: Camera can be charged even when it is powered off.

### Installing the Memory Card

1. Insert Micro SD Card (included) into the Micro SD card slot till entirely inserted.
2. To take the Micro SD card out, gently press the end of the memory card inwards, the card will eject out.

Note: The camera is not equipped with built-in memory, and therefore, a memory card is required all the time.

## Power On/Off

1. Power On: Press and hold power switch for 3 to 5 seconds to turn it on.
2. Power Off: Press and hold power switch for 3 to 5 seconds to turn off the camera.
   Automatic power off: Camera turns off automatically, when it reaches the idle time set up by the user.
3. Power-off due to low battery: In case of extremely low battery, icon may appear on the LCD screen. The camera will then automatically power off. Please recharge the battery.

## Switching Between Modes

The camera is equipped with three modes: Video, Capture (still pictures) and Playback mode. Once the camera is powered on, the modes can be switched with Mode Switch.

**Video mode:** Records videos;
**Capture mode:** Clicks pictures;
**Playback mode:** Plays back recorded Videos and Pictures.

## Indicators

**LED Indicators;** turn Red, when the camera is in video recording mode;

**Charging Indicators;** turn Blue when the camera is charging

## Video mode

Push the Mode button to switch to Video mode. Click OK button to start recording. Click OK button again, to stop recording. Camera will automatically stop recording in case if the battery is too low.

00:00:01: Time-indicator; indicates duration of current recording;

: Mode Icon; indicates current mode as Video Recording mode;

: Exposure; indicates the current exposure setting;

: Loop Recording; indicates the current loop recording setting;

: Recording Quality; indicates the current recording quality is 1080P;

: indicates memory card has been inserted;

: Battery Icon; indicates current battery level;

## Video menu setup

While in Video mode, press and hold OK button to open menu, and then press Up and Down button to select menu. When selecting menu, selected item gets highlighted. Press OK button to enter sub-menu. In sub-menu, press Up and Down button for selection, press OK button for confirmation and press Mode button to exit from the menu.

# Video menu options

| Main menu | Sub-menu | Description |
|---|---|---|
| Resolution | 1080P | 1920X1080 resolution format |
| | 720P | 1280x720 resolution format |
| | VGA | 640x480 resolution format |
| Looping Recording | OFF | The camera will continue recording until the memory card is full. |
| | 5 Minutes | The camera will automatically stop when recording reaches 5 minutes and starts next session of video recording thereafter. When the memory card is full, the oldest recording will be deleted to make room for new recording, and this process continues perpetually. |
| | 10 Minutes | The camera will automatically stop when recording reaches 10 minutes and starts next session of video recording thereafter. When the memory card is full, the oldest recording will be deleted to make room for new recording, and this process continues perpetually. |
| | 15 Minutes | The camera will automatically stop when recording reaches 15 minutes and starts next session of video recording thereafter. When the memory card is full, the oldest recording will be deleted to make room for new recording, and this process continues perpetually. |
| Exposure | EV -2.0 | |
| | EV -1.7 | |
| | EV -1.3 | |
| | EV -1.0 | |
| | EV -0.7 | This option allows you to select your preferred Exposure setting, ranging from -2.0 to 2.0. |
| | EV -0.3 | |
| | EV +0.0 | |
| | EV +0.3 | Default Exposure setting is 0.0. |
| | EV +0.7 | |
| | EV +1.0 | |
| | EV +1.3 | |
| | EV +1.7 | |
| | EV +2.0 | |
| Date Stamp | OFF | Turn off printing date/time on the file. |
| | ON | During capturing/recording video, print date and time on right bottom corner of the file. |

## Capture mode

Push Mode button to switch to Capture Mode. Press Ok button once to click picture.

9999: Counter; indicates number of pictures available to be taken;

: Mode Icon; indicates current mode as Capture Mode;

: Exposure; indicates the current exposure setting;

: Quality; indicates the current quality setting;

: Picture Quality; indicates file size is 12M;

: indicates memory card has been inserted;

: Battery Icon; indicates current battery level;

## Capture menu setup

While in capture mode, press and hold OK button to open menu and then press Up and Down button to select menu. When selecting menu, selected item gets highlighted. Press OK button to enter sub-menu. In sub-menu, press Up and Down button for selection, press OK button for confirmation and press Mode button to exit from the menu.

## Capture menu options

| Main menu | Sub-menu | Description |
|---|---|---|
| Resolution | 12M | 4032x3024 pixel |
| | 10M | 3648x2736 pixel |
| | 8M | 3264x2448 pixel |
| | 5M | 2592x1944 pixel |
| | 3M | 2048x1536 pixel |
| | 2M | 1600x1200 pixel |
| | 1M | 1280x960 pixel |
| | VGA | 640x480 pixel |
| Capture Mode | Single | Take single photo without delay |
| | Self 2S | Use 2 sec. delay self-timer mode |
| | Self 10S | Use 10 sec. delay self-timer mode |
| | Burst | Take 3 photos continuously |
| Quality | Super Fine | Super Fine Quality |
| | Fine | Fine Quality |
| | Normal | Normal Quality |
| Exposure | EV -2.0 | |
| | EV -1.7 | |
| | EV -1.3 | |
| | EV -1.0 | |
| | EV -0.7 | This option allows you to select your preferred Exposure setting, ranging from -2.0 to 2.0. |
| | EV -0.3 | |
| | EV +0.0 | |
| | EV +0.3 | Default Exposure setting is 0.0. |
| | EV +0.7 | |
| | EV +1.0 | |
| | EV +1.3 | |
| | EV +1.7 | |
| | EV +2.0 | |
| Date Stamp | OFF | Turn off printing date/time on the file. |

| DATE | During capturing/recording video, print date on right bottom corner of the file. |
|---|---|
| D&T | During capturing/recording video, print date and time on right bottom corner of the file. |

## Playback mode

After power-on, press Mode switch to Playback mode.

▶ : Mode icon; indicates its current mode as Playback Mode;

1/1 : indicates that there is one file in current folder (the only folder);

🎞 : indicates the current file is an AVI video file.

In playback mode, press Up and Down button to select the file. For video file, press OK button to play. Press OK button for pause/resume. Press Down button for fast forward or Up button for fast backward.

## System setup menu

While in Capture or Video recording mode, press and hold OK button to open menu, and then press OK button again to switch over to Setup Menu. In Setup Menu, press Up and Down button for selecting menu. When selecting menu, background of the selected item will be highlighted. Press OK button to enter sub-menu. In sub-menu, press Up and Down button for selected, press OK button for confirmation, and press Mode button to exit from the menu.

Note: While inside the "Sounds" sub-menu, press the OK button each time for further selection menu. Press the Up and Down button each time for required setting. Press Mode button to go back to main menu. In the main menu, press Mode button again to exit from the menu.

## System setup menu options

| Main menu | Sub-menu | Description |
|---|---|---|
| Date/Time | / | Set up date and time format |
| Auto Power Off | 1 min | Automatic shutdown after 1 minute of idle time |
| | 3 min | Automatic shutdown after 3 minute of idle time |
| | 5 min | Automatic shutdown after 5 minute of idle time |
| | OFF | Cancel automatic shutdown |
| Screen Saver | 1 min | Screen Saver comes on automatically after 1 minute of idle time |
| | 3 min | Screen Saver comes on automatically after 3 minute of idle time |
| | 5 min | Screen Saver comes on automatically after 5 minute of idle time |
| | OFF | Cancel screen saver display |
| Sounds | Shutter | On/Off |
| | Start-up | None/1/2/3 |
| | Beep | On/Off |
| | Volume | 0/1/2/3 |
| Language | En | English |

| 簡 | 简体中文 |
|---|---|
| 繁 | 繁體中文 |
| Fr | Français |
| Ne | Nederlands |
| Es | Español |
| Ita | Italiano |
| Po | Portugués |
| De | Deutsch |
| PL | Polski |
| Tu | Türk |
| Ru | Pycckий |
| Ko | Korean |
| Frequency | 50Hz | Set to 50Hz |
| | 60Hz | Set to 60Hz |
| Format | Yes/No | NOTE: Selecting "Yes" will delete all the data |
| Default Setting | No/Yes | Return setting to defaults |
| Version | V1.9 | Version information |

## Connecting with Computer / Laptop

Camera is equipped to sync with computers. Connect USB Cable (included) to the Micro USB Port of the Camera, and connect the other end of the cable to your computer / laptop USB port. Once the Camera connected to the computer, turn on the camera. Now the camera should appear under the removable devices on your computer.

You can now view the images / videos shot from your camera, on your computer. You can also move images / videos to your computer hard disk to free up space from the camera memory card.

## Examples of installation for usage



## Specifications

Modes: Video, Capture, Playback

Shutter: Electronic shutter

LCD display: 2" screen

Image resolution: 12M/10M/8M/5M/3M/2M/1M/VGA

Video resolution: 1080P (1920x1080); 720P (1280x720); VGA (640x480)

Exposure: -2.0 to +2.0

File format: Video - AVI; Image - JPEG

Storage medium: Micro SD card (supports up to 32GB)

USB interface: High-speed USB 2.0 interface

Power supply: Built-in 3.7V 900mAh rechargeable lithium battery

Dimension: 2.32"x1.18"x1.61"

Weight: 0.12 lb

## Care and maintenance

Read the following recommendations before using the device. Following these you will be able to enjoy the product for many years.

- The camera needs very little maintenance, however the casing may become slightly dirty. To clean, use a damp soft clean cloth and for stubborn stains, a small amount of detergent may be used on the case.
- It is recommended that a commercial lens cleaner is used to prevent damage to the lens surface.
- This unit is best stored in a cool dry environment away from bright light and dust.
- Remove all media when storing the camera.
- Replace in packaging when dry and store in a cool dry place away from children.
- Uninstall battery and store it in a safe place, if camera is not intended to be used for an extended duration of time.

## FCC Instructions

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

NOTE: This product 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 product 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 the product 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 product and receiver.
- Connect the product 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.

The 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.