SLIM SMALL LIGHT

LifeCam i3

Relive your precious moments

User's Manual

Contents

About this guide 4
FCC statement 4
Prohibition of co-location 5
Important note 5
FCC specific absorption rate (SAR) statement 5
WEEE notice 5
CE regulatory notice 6
RF Exposure information (SAR) – CE 6
Battery warning 6
Caution 7
Important information regarding the waterproofing of the camera 9
Important information regarding the property of the waterproof casing (optional) 11

1 Introduction 12

1.1 System requirements 12
1.1.1 Connection to a Computer 12
1.1.2 Linking a mobile device 13
1.2 Features 13
1.3 Package contents 14
1.4 Product overview 15
1.5 Button operation 16

2 Getting started 17

2.1 Inserting the memory card 17

2.2 Charging the device 18
2.2.1 Charging from a computer 18
2.2.2 Charging from an outlet (optional).....19
2.3 Definition of indicator lights 20
2.4 Information in LCM screen 22
2.5 Installing with a mount.....24
2.5.1 Installing onto the clip mount & strap 24
2.5.2 Installing onto the bike mount (optional).....25
2.5.3 Installing onto the magnet mount (optional) .28
2.5.4 Installing onto the tripod mount (optional) 28
2.5.5 Installing onto the desktop mount (optional).29
2.5.6 Installing onto the head mount (optional) 30
2.5.7 Installing on to the suction mount (optional).31
2.6 Using the waterproof case (optional) 33

3 Initial set up 35

3.1 Camera application installation 35
3.2 Wi-Fi connecting 36

4 Using the Life Cam application 37

4.1 Recording videos 37
4.1.1 The Recording screen 38
4.2 Shooting photos 40
4.2.1 The Shooting screen 41
4.3 Timelapse videos 43
4.3.1 The Timelapse screen 45
4.4 Playback pictures and videos.....47
4.4.1 Viewing pictures 48

4.4.2 Playing videos 49

5 Settings menu 51

5.1 Using the settings.....51

5.1.1 Menu items.....52

6 Connecting to other devices 54

6.1 Connecting to the computer.....54

7 Installing the software.....55

8 Editing software 56

9 Specifications.....57

About this guide

The content in this document is for information purposes and is subject to change without prior notice. We have made every effort to ensure that this User Guide is accurate and complete.
However, no liability is assumed for any errors or omissions that may have occurred.
The manufacturer reserves the right to change the technical specifications without prior notice.

FCC statement

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Prohibition of co-location

This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

Important note

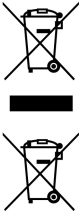
Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC exposure compliance requirements, please follow the operating instructions as documented in this manual.

FCC specific absorption rate (SAR) statement

The product complies with the FCC portable RF exposure limits set forth for an uncontrolled environment and is safe for the intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to a lower power output if such a function is available.
Contains FCC ID: 2ACFIWM7911B

WEEE notice

Disposal of Waste Electrical and Electronic Equipment and/or Battery by users in private households in the European Union



This symbol on the product or on the packaging indicates that this can not be disposed of as household waste. You must dispose of your waste equipment and/or battery by handling it over to the applicable take-back scheme for the recycling of electrical and electronic equipment and/or batteries. For more information about the recycling of this equipment and/or battery, please contact your city office, the shop where you purchased the equipment or your household waste disposal service. The recycling of materials will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

CE regulatory notice

Herewith confirm to comply with the requirements set out in the Council Directives on the approximation of the Laws of the Member States relating Electromagnetic Compatibility of Radio and Telecom device (1995/5/EC); the Low Voltage Directive (2006/95/EC); the Restriction of The Use of Certain Hazardous Substances in Electrical And Electronic Equipment Directive (2002/95/EC), Turkish EEE Directive.

EU Health Protection: This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This product will meet the Basic Restriction limits of 1999/519/EC.

RF Exposure information (SAR) – CE

This device meets the EU requirements (1999/519/EC) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.
The highest CE SAR value for the device is 0.121 W/Kg.

Battery warning

- Always charge using the provided system. Improper handling of the battery may result in explosion.
- Never dismantle or pierce the battery or allow the battery to short-circuit.
- Keep the battery out of reach of children.
- Batteries may explode if exposed to naked fire. Never dispose of batteries in a fire.
- **Disposed of used batteries observing local regulations. Never replace the battery on your own; have the dealer do it for you.**

Caution

- Never disassemble the device or remove any parts by yourself. This will invalidate all guarantee claims.
- Keep the device away from the reach of children or animals to prevent them from swallowing.
- If you notice smoke or a strange smell coming from the device, turn the power off immediately. Take the device to the nearest authorized service center for repair. Never attempt to repair the device on your own.
- Use only the recommended power accessories. Use of power sources not expressly recommended for this equipment may lead to overheating, distortion of the equipment, fire, electrical shock or other hazards.
- Wi-Fi Signals are unable to pass through the building. The upper limit of signal transmission is 10m.
- Wi-Fi Operation Channels List: Ch1~Ch11.
- The product employs wireless data communication which may interfere, or be interfered by, a near-by device.
- Never use this device in the vicinity of a microwave oven or at places where there is radio interference.
- Radio wave reception may be worsened in specific environments.
- Please be advised that if another device is also using the same 2.4GHz band as this product, the processing speed of both devices may slow down.
- This product gets warm when in use; this is normal.
- Improper use or operation of the product may result in damage of the product or its accessories and void the warranty.
- The radio frequency (RF) generated by this RF electronic device may cause adverse effects on the operation of other electronic devices and result in malfunctioning. Wireless transmitters and circuitry may also interfere with other

electronic devices. Therefore, do observe the following precautions:

- Aircraft: Never use a radio transmitter when you are in an airplane. Please switch off the Wi-Fi function of the device.
- Vehicle: The radio frequency transmitted by this device may affect the electronic system in a motorized vehicle. Please consult the manufacturer or dealer of your vehicle on the possible effect.
- Pacemaker: In order to prevent any potential interference to a pacemaker, anyone who uses a pacemaker should be advised, that, when using this device, a minimum distance of 15cm (6 inch) should be kept between the device and the pacemaker; and never put this device in a chest pocket. In case of any doubt of interference, switch off the device immediately.
- Medical Device: If you use a personal medical device, consult the device manufacturer or your physician to confirm if your device is sufficiently shielded from the RF transmission of this device.
- Medical Facilities: Hospitals and medical institutes may use facilities that are sensitive to an external RF energy. Observe such instructions when the medical care personnel or any posted sign requests you to switch off any device that may interfere the radio frequency.
- Explosion sites or any location with a posted sign: In order to prevent interfering with an explosion activity, observe all the signage and instructions in the Explosion Area or in a zone with a “Switch Off 2-way Radios” sign by switching off devices that may interfere with the radio frequency.

❖ This product is unsuitable for filming any barcode.

❖ The camera has become too hot and needs to cool down after using over than 1 hour (continuous recording). Simply shut down for cooling before attempting to use it again. It won’t damage the camera, it is only for reminding the user that the temperature of the equipment cannot be too high.

Important information regarding the waterproofing of the camera

This product complies with Class V of IEC waterproof classification (IPX5), being capable of sustaining low-pressure water jets in all directions, and possesses waterproof properties for normal activities.

Precautions prior to using the device:

- Make sure that no foreign objects, sand or dust are attached to the waterproof cover of the USB/memory card slot. If foreign an object has become attached, remove it carefully with a lint-free cloth.
- Make sure that there is no crack or damage on the waterproof cover of the USB / Memory card slot.
- Verify carefully that the waterproof cover of the USB / Memory card slot is sealed tightly; make sure the cover is not open in a wet situation.
- Do not open/close the waterproof cover of the USB / Memory card slot with a wet hand, otherwise electric shock or device malfunction may occur.
- The product is only waterproof for activities encountered during normal living; DO NOT immerse the product into water. In the event of accidental soaking or ingression of water, switch off the power immediately and bring the product to a nearby authorized service center for repair.
- Avoid allowing the product to come into contact with any chemicals or liquids.
- Internal moisture caused by human error will result in a voided warranty.
- The product is only suitable for use within the temperature range: -10° ~ 50° C (14° ~ 122° F) and humidity ran ge: 0 ~ 95% RH].

Precautions after use:

- In the event of water staining on the product, clean the product carefully using a lint-free cloth; make sure the product is fully dry before opening the waterproof cover of the USB / Memory card slot.
- If water clings to the internal side of the waterproof cover of the USB / Memory card slot of the device, dry it fully before using the device.

Storage and maintenance:

- Store the product in an environment of temperature range: -20°~ 60°C (-4°~ 140°F) and humidity range: 0 ~ 90% RH] only.
- Never use any chemicals on the product for cleaning, anti-rust, anti-fog, etc., or the waterproof capability may deteriorate.
- Make sure the waterproof cover of the USB / Memory card slot is sealed tightly before rinsing the stain with low-pressure running water, followed by wiping dry with a lint-free cloth or leave it to air-dry.
- To ensure the waterproof capability of the product, it is suggested that you should replace the waterproof cover of the USB / Memory card slot of the device on a yearly basis.
- Take heed to prevent any impact of the product, otherwise the casing or lens may become damaged, or the waterproof capability may be eroded.

Important information regarding the property of the waterproof casing (optional)

The exclusive waterproof casing (optional) for the product complies with IEC Class VIII (IPX8) specification, which allows immersing the product at a depth of 3m of fresh water for up to 30 minutes when having installed the product inside the casing.

Precautions for underwater operation:

- ❖ Never use the product at a depth exceeding 3m in the water; never use the product under water for more than 30 minutes.
- ❖ NEVER open the waterproof casing when the device is submerged in water.
- ❖ Never jump into the water with the waterproof casing impacting the surface of the water. An excessive impact force may cause water ingress.

Failure to follow the above each time you use the camera can result in leaks that may damage or destroy your camera. Your warranty does not cover water damage resulting from user error.

Before you start using the system, it is assumed that you agree to the above statement. The warranty does not cover any damage that may occur during a sport activity. It is the users' responsibility to secure the camera securely to any sport equipment.

1 Introduction

Thank you for purchasing this camera. This device is specifically designed for real time video and audio recording during leisure activities.

1.1 System requirements

1.1.1 Connection to a Computer

For connection to a PC, be sure your PC meets the following specifications:

For Windows:

- Windows XP SP2 / Vista / Win 7 / Win 8
- Processor with at least Pentium IV 3.2GHz / AMD Athlon FX 2.6GHz or higher
- 2GB RAM at least
- NVIDIA GeForce 7600GT / ATI X1600 series or later
- USB port
- 16-bit color display compatible monitor (1280x1024, 32-bit color display recommended)
- 250 MB of available hard disk space
- CD-ROM drive

For Macintosh:

- Mac OS 10.4 or higher
- Power Mac G3 or higher
- Minimum 256MB RAM
- 110MB of available hard disk space
- USB port
- CD-ROM drive

1.1.2 Linking a mobile device

Linking a mobile device, be sure your mobile device meets the following specifications:

For iOS operating system:

- Version: 6 / 7
- Product Name: iPhone4S / iPhone5 / iPhone5S / iPad / iPad2 / New iPad (Retina display) / iPad Air

For Android operating system:

- Version: 4
- Brand Name: HTC / SONY / SAMSUNG / LG
- Screen Resolution: MDPI / HDPI

1.2 Features

- Excellent 8MP CMOS sensor
- Full HD camcorder (1920x1080 @30fps)
- Wi-Fi Built-in
- 4K MJPEG Time-Lapse video
- Complies with Class V of IEC waterproof classification (IPX5)
- The exclusive waterproof casing (optional) for the product complies with IEC Class VIII (IPX8) specification
- Real-time live video preview via mobile device (iOS / Android App)
- Self-timer function supported
- Support App / PC Edit Software

1.3 Package contents

The package contains the following items. In case there are any missing or damaged items, contact your dealer immediately.

Standard:

Camera

Clip mount

Strap

Micro USB cable

CD-ROM

Quick start guide

Option:

Bike mount

Magnet mount

Tripod mount

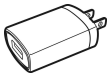
Desktop mount

Head mount

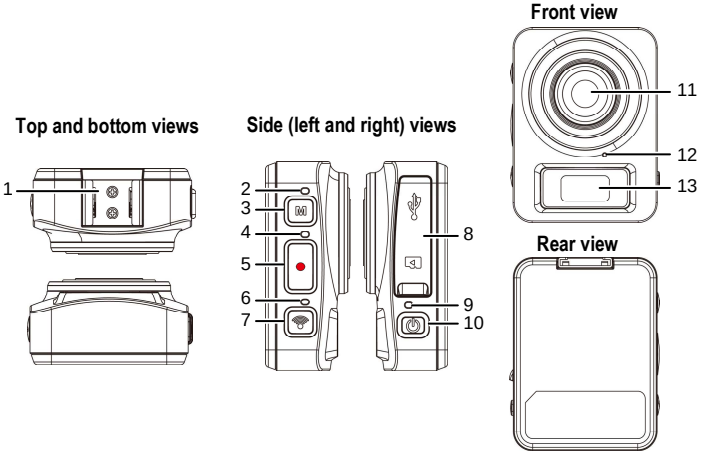
Suction mount

Waterproof case

USB plug



1.4 Product overview



No.	Item
1	Bracket socket
2	Mode indicator light
3	Mode button
4	Timelapse / Capture / Recording indicator light
5	Record Button
6	Wi-Fi indicator light
7	Wi-Fi button

No.	Item
8	Waterproof cover of the USB / Memory card slot
9	Power indicator light
10	Power button
11	Lens
12	Microphone
13	LCM screen

1.5 Button operation

You can operate the camera alone without connecting to a mobile device via Wi-Fi/App. See the table below for a description of each button's function.

Item	Function
Mode button	Changing Modes (Timelapse / Capture / Recording Mode)
Record button	• In **Timelapse** mode, press the **Record** button to start recording a video. Press it again to stop recording (When the device enters Power Saving Mode and is in shutdown status, press the **Power** button to stop recording). • In **Camera** mode, press the **Record** button to capture a photo. • In **Video** mode, press the **Record** button to start recording a video. Press it again to stop recording.
Wi-Fi button	Press to turn the Wi-Fi on or off.
Power button	• Press to turn the camera on or off. • To reset, press and hold the **Power** button for at least 5 seconds.

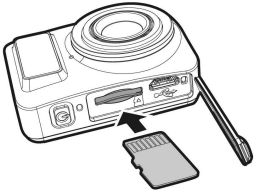
Note:

If you want the recorder to go back to the ***Default Setting***, make sure the camera's Wi-Fi is turned off. Press and on-hold the **Mode** button, then press the **Wi-Fi** button, when the beep tone is promoted, which indicates the completion of factory settings.

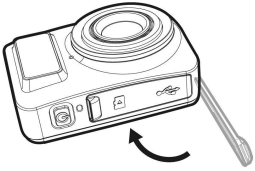
2 Getting started

2.1 Inserting the memory card

1. Open the waterproof cover of the USB / Memory card slot.
2. Insert the memory card with the gold contacts facing the front of the device. Push the memory card until it clicks into place.



3. Make sure the waterproof cover of the USB / Memory card slot is sealed tightly, to achieve normal activity waterproofing.



4. To remove the memory card, push to eject the memory card out of the slot.

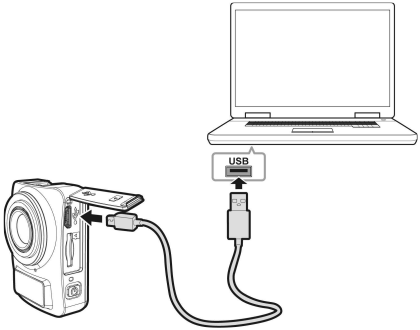
Note:

1. Do not remove or insert the memory card when the device is turned on. This may damage the device and memory card.
2. Please use a Class 10 or higher rating Micro SD card, max up to 32GB.
3. Please format the micro SD card before initial use.

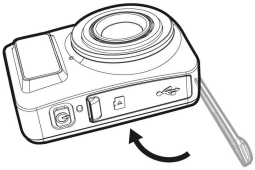
2.2 Charging the device

2.2.1 Charging from a computer

1. Open the waterproof cover of the USB / Memory card slot.
2. Connect the micro USB cable into the port on the device.
3. Connect the other end of the micro USB cable to an available USB port on your computer.

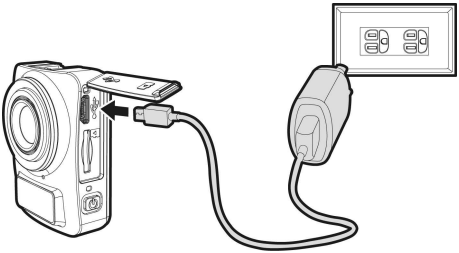


4. On completion of charging, make sure the waterproof cover of the USB / Memory card slot is sealed tightly, to achieve normal activity waterproofing.

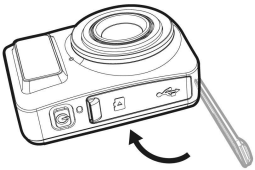


2.2.2 Charging from an outlet (optional)

1. Open the waterproof cover of the USB / Memory card slot.
2. Connect the micro USB cable into the port on the device.
3. Connect one end of the Micro USB cable into the port of the USB power adapter which is plugged into the outlet.



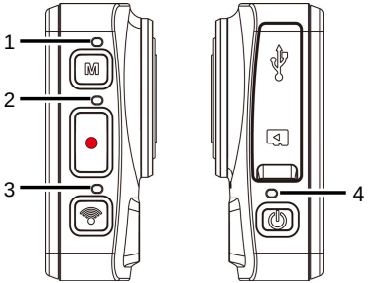
4. On completion of charging, make sure the waterproof cover of the USB / Memory card slot is sealed tightly, to achieve normal activity waterproofing.



Note:

1. Please take note if the environment temperature reaches 45℃ or above, the wall outlet can still supply power to device, but it will not charge the Lithium-ion battery. This is the characteristic of Lithium-ion and is not a malfunction.
2. If the Wi-Fi function is not enabled, the device can sustain an operation of about 1 hour.
3. If you turn on the device while charging, this will slow charge.

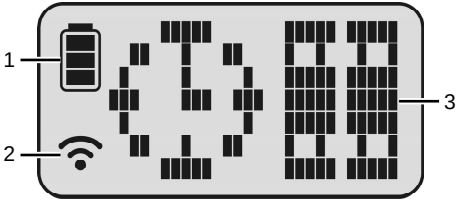
2.3 Definition of indicator lights



No.	Item	Status	LED indicator	Sound effect
1	Mode indicator light	Changing modes	Flash red	One beep
		Self-timer	Flash red	None
		Timelapse mode	Flash red	None
2	Timelapse / Capture / Recording indicator light	Timelapse	Flash red	One beep (Time interval)
		Capture	Flash red	One beep
		Recording	Flash red	One beep
3	Wi-Fi indicator light	Wi-Fi on	Red	One beep
		Wi-Fi off	No indication	One beep

4	Power indicator light	Power on	Red	None
		Power off	No indication	None
		Power will soon be out	Flash Red	None
		Charging	Red	None
		Fully charged	No indication	None

2.4 Information in LCM screen



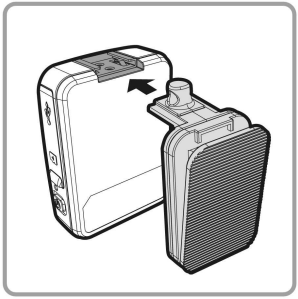
No.	Item	Icon	Description
1	Battery status		Full battery power
			2/3 battery power
			1/3 battery power
			Out of battery power
			Charging
2	Wi-Fi status		Wi-Fi on
			Wi-Fi off
3	Status		Timelapse mode
			Capture mode
			Recording mode
			Memory card error (damaged, locked or no card inside)

			Memory card full
		APP	Connect with mobile
			Enter USB mode when connected with a computer
			Power will soon run out

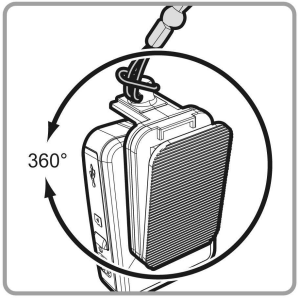
2.5 Installing with a mount

2.5.1 Installing onto the clip mount & strap

1. Push the fixture latch gently into the support receptacle on the device, until the latch clicks into position.



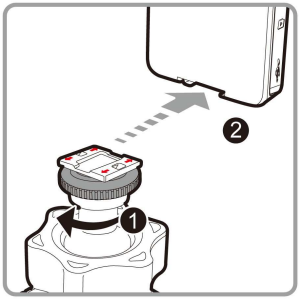
2. Tie the hanger string into the hole on the top of the fixing.



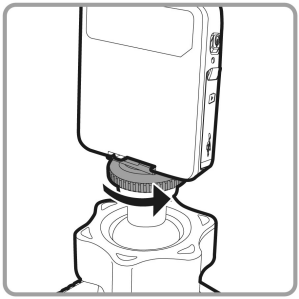
3. Make sure the hanger string is firmly fixed to the device. The base of the fixture allows a 360° adjustment.

2.5.2 Installing onto the bike mount (optional)

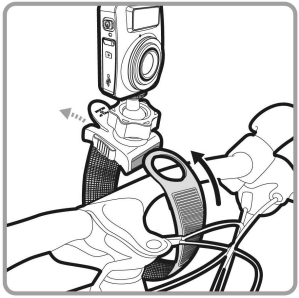
1. Loosen the knob of the bike mount latch and push the latch into the support receptacle, until it clicks into position.



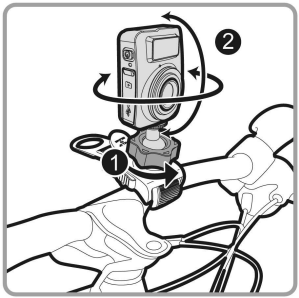
2. Tighten the knob; make sure that the device is firmly fixed.



3. Pass the bike mount rubber band around the bike handle and through the support hole, pull the rubber band backwards until a snug fit is achieved.



4. Loosen the knob and adjust the device vertically and/or horizontally.

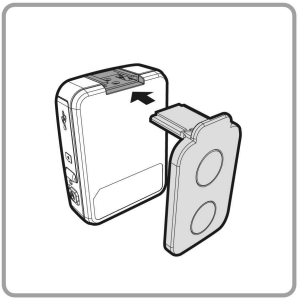


5. Tighten the knob, make sure the device is fixed firmly.

6. To remove the bike mount, first loosen the latch knob and withdraw the device from the support, followed by pushing up the latch on the bike mount, to loosen the rubber band.

2.5.3 Installing onto the magnet mount (optional)

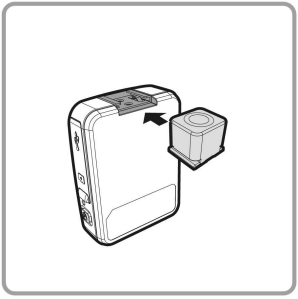
1. Push the Magnet Mount fixture latch gently into the support receptacle on the device, until the latch clicks into position.



2. Make sure that Magnet Mount is firmly fixed to the device.

2.5.4 Installing onto the tripod mount (optional)

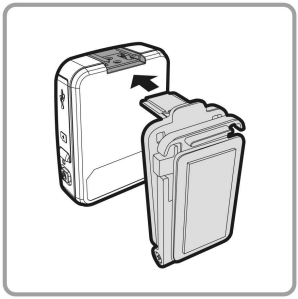
1. Push the tripod adapter latch gently into the support receptacle on the device, until the latch clicks into position.



2. Make sure that the tripod adapter is firmly fixed to the device.

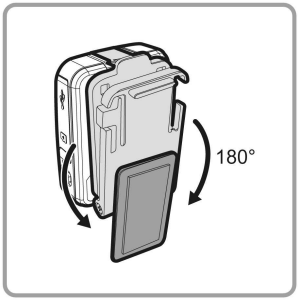
2.5.5 Installing onto the desktop mount (optional)

1. Push the Desktop Mount latch gently into the support receptacle on the device, until the latch clicks into position.

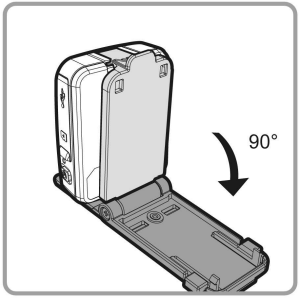


2. Make sure that Desktop Mount is firmly fixed to the device.

3. Spread the Desktop Mount base 180° clockwise or counterclockwise.

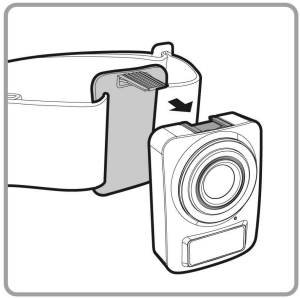


4. Flip the Desktop Mount vertically 90° for standing on a flat desktop. The Desktop Mount allows a 90° adjustment of the device.



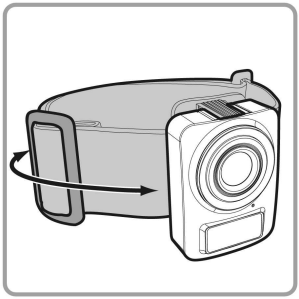
2.5.6 Installing onto the head mount (optional)

1. Push the Head Mount latch gently into the support receptacle on the device, until the latch clicks into position.



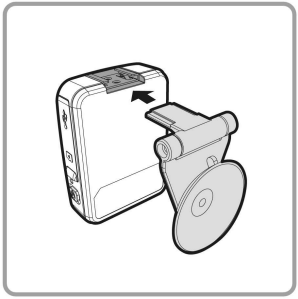
2. Make sure that Head Mount is firmly fixed to the device.

3. You may adjust the buckle of the textile band so that the band fits your head size.



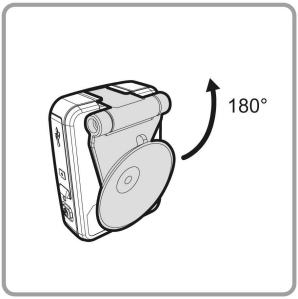
2.5.7 Installing on to the suction mount (optional)

1. Push the Suction Mount latch gently into the support receptacle on the device, until the latch clicks into position.



2. Make sure that Suction Mount is firmly fixed to the device.

3. The axle of the Suction Mount allows a 180° adjustment.

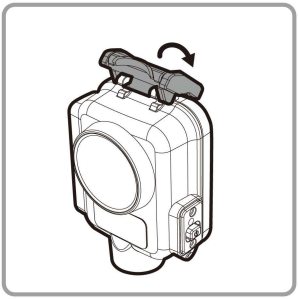


2.6 Using the waterproof case (optional)

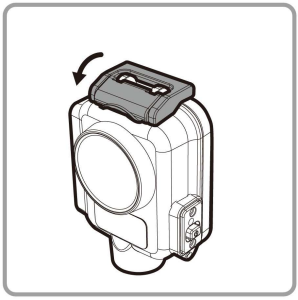
1. Place the device into the front shell of the Waterproof Case in accordance with the position of the lens.

2. Lift up the buckle ring on top of the casing and confirm that the device is firmly installed in the front casing; then close up the back cover.

3. Push the buckle ring on top of Waterproof Case backwards to engage the latch-hook on the back cover.



4. Then push the buckle ring on top of the Waterproof Case down and forward so it is in the fixed position.



5. Make sure that there is no gap in the Waterproof Case, and that the buckle ring has tightly fixed the Waterproof Case.
6. To remove the Waterproof Case, follow the reverse order of Step 4 and Step 3 for loosening the buckle ring on top of the Waterproof Case.

3 Initial set up

Install a micro SD card (class 10 or higher rating, max up to 32GB) into the camera device.

3.1 Camera application installation

The camera allows you to connect to the mobile devices via the App. When using for the first time, install the [**Life Cam**] App for your mobile device.

1. Download **Life Cam** App from Google Play or an App Store.
2. Install the App.

APP Layout and Features may be changed subject to different software versions. Please refer to Google Play or APP Store for update.

3.2 Wi-Fi connecting

1. Press the **Power** button to switch on the equipment.
2. Press the **Wi-Fi** button to activate the wireless network.
3. Using the Wi-Fi function of the mobile device, search for the equipment ID from the list. Each device has a unique ID no.: i3XXXXXX (if the last 2 digits are the same as the last 2 digits of your password, your device corresponds).
4. Select and input Wi-Fi password (repeating the 4 numeral/letter on your LCM display twice will give you the Wi-Fi password. E.g., if LCM display shows “1234”, you Wi-Fi password will be 12341234).

   For iOS / Android Users:

   Using the mobile device [Settings] → [Wi-Fi] → [Select device ID no.:i3XXXXXX] → [Enter the password] → [Connecting].

5. Execute the **Life Cam** App , device LCM display will show , indicating the connection is established.

Note:

1. Make sure the Wi-Fi function of the equipment is activated and the mobile device is receiving Wi-Fi signal before executing the Life Cam App, or the App will be exited.
2. The mobile device shall be within a maximum of a 10m distance from the equipment without any buildings in between.
3. When the Wi-Fi function of the equipment is activated for 3 minutes without connecting with your mobile device, or the connection is disconnected, the equipment will automatically stop the Wi-Fi function and you will need to re-activate the Wi-Fi function.
4. We suggest that you should set the correct date and time for your mobile device before using the equipment, so that the recorded video will be consistent with the date and time settings of the mobile device.
5. After connecting the mobile device with the equipment, all the mode switch, Record and Wi-Fi operation buttons of the equipment will be inoperable; all the operations shall be carried out via the Life Cam App.
6. The language of the Life Cam App will be consistent with that of your mobile device, it shall be the default language if it is not the built-in one.

4 Using the Life Cam application

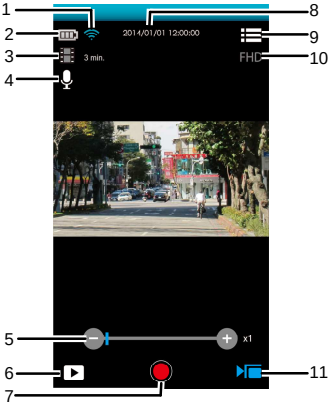
4.1 Recording videos

You can use this feature to record your life story, travel diary, or sports clips.

1. Touch the button to switchover to Recording mode.
2. Touch the button to set video duration. (3 min. / 5 min. / 10 min. / 30 min.)
3. Touch the button to enable or disable Voice Record.
4. Press button to start recording a video.
5. Press button again to stop recording.

Note:
Prior to recording video, you may set ***Rotate View*** to alter the viewing angle of the recorded video. See Using the ***Rotate View*** (5.1.1).

4.1.1 The Recording screen



No.	Icon	Item	Description
1		Wi-Fi status	Indicates the Wi-Fi status.
2		Battery status	Indicates the remaining battery power.
3		Video duration	The device will follow the set recording video length to store them as individual files. Touch to select the required video duration. Available options: 3 min. / 5 min. / 10 min. / 30 min.
4		Voice record	Touch to select the required voice record setting. Available options: On / Off
5		Zoom indicator	Indicates the zoom status. Touch / to adjust the zoom. Available options: x1.0~x2.4

No.	Icon	Item	Description
6	▷	Playback	Touch to enter Playback mode.
7	●	Recording	Touch ● to start recording, and touch ● again to stop.
8	2014/01/01 12:00:00	Date and time	Indicates the current recording date and time.
9	☰	Menu	Touch to enter the menu.
10	FHD	Video resolution	Indicates the current video resolution.
11	▶	Recording mode	Indicates the current Recording mode. Touch to switch to Timelapse or Shooting mode.

Note:

If download the AVI format videos to the iOS system mobile device, the device can't recognize the AVI files format rather than lost. To browse files please use a computer or other media players. See Using the ***File Format On: MOV / Off: AVI*** (5.1.1).

4.2 Shooting photos

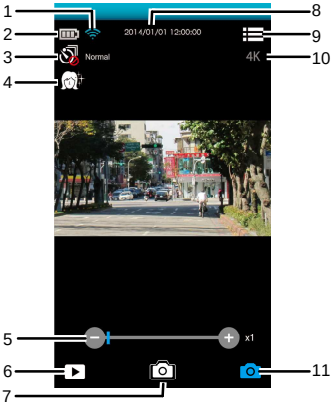
You can use this feature to capture photo, such as landscape and portraits.

1. Touch the button to switch-over to Shooting mode.
2. Touch the button to set Self Timer and sequential (Burst) capture. (Normal / 5 sec. / 10 sec. / Burst 3 Photos / Burst 5 Photos).
3. Touch the button to set Beauty class. (0 / 1 / 2).
4. Touch to capture the image, the file will be saved on the camera device automatically.

Note:

1. When using the ***Beauty*** function, the algorithm takes about 8 seconds; you need to wait patiently.
2. Prior to taking a picture, you may set ***Rotate View*** to alter the viewing angle of the recorded picture. See Using the See Using the ***Rotate View*** (5.1.1).

4.2.1 The Shooting screen



No.	Icon	Item	Description
1		Wi-Fi status	Indicates the Wi-Fi status.
2		Battery status	Indicates the remaining battery power.
3		Capture mode	Touch to select the need capture mode. Available options: Normal / 5 sec. / 10 sec. / Burst 3 Photos / Burst 5 Photos
4		Beauty	Touch to select the required Beauty mode. Available options: 0 / 1 / 2

No.	Icon	Item	Description
5		Zoom indicator	Indicates the zoom status. Touch / to adjust the zoom. Available options: x1.0~x2.4
6		Playback	Touch to enter Playback mode.
7		Shooting	Touch to start shooting photos.
8	2014/01/01 12:00:00	Date and time	Indicates the current recording date and time.
9		Menu	Touch to enter the menu.
10	4K	Photo resolution	Indicates the current photo resolution.
11		Shooting mode	Indicates the current Shooting mode. Touch to switch to Timelapse or Recording video modes.

4.3 Timelapse videos

Stringing images together as a series of moments can capture change over time. This technique is called **Timelapse** photography.

You can use this feature to record videos such as the evolution of a construction project, weather changes, tree growth, or flower blossom.

1. Touch the button to switch over to Timelapse mode.

2. Touch the button to set time interval of the Timelapse mode in (5 sec. / 10 sec. / 30 sec. / 1 min. / 5 min. / 10 min. / 30 min.).

3. Touch the button to set the file format of Timelapse video files.

   - Picture: to save in picture files (Format: JPG).
   - Video: to save in video files (Format: AVI / MOV).
   - Picture / Video: to save in picture and video files (Format: JPG; AVI / MOV).

4. Touch the 3fps button to set the desired frame rate of the Timelapse mode (i.e. frames per second for picture playback).

   - 3 fps: displays 3 frames per second.
   - 5 fps: displays 5 frames per second.
   - 10 fps: displays 10 frames per second.

5. Touch the button to set the power saving mode.

   - Activate power saving mode: the equipment powers on only at intervals to take a picture (i.e. the equipment is powered off between intervals. When you touch , the

equipment will automatically disable Wi-Fi and exit the Life Cam App).

- Deactivate power saving mode: the equipment is continuously in standby.

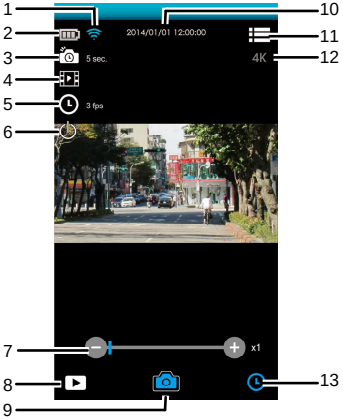
6. Touch to start shooting photos, the file will be saved automatically on the camera device.

7. Touch again to stop.

Note:

1. The setting of ***Timelapse*** is an approximate time with a tolerance of about 1s.
2. ***Timelapse*** function stops when the memory is fully used or equipment is out of power. It is suggested that you calculate the number of pictures in advance or activate power saving mode before starting Timelapse operation.
3. When the ***Timelapse*** interval setting is less than 10s, the power saving mode cannot be enabled.
4. When playing video footage recorded in ***Timelapse*** mode, the playback speed (picture per second) will be in accordance with the frame rate setting.
5. Prior to recording, you may set ***Rotate View*** to alter the viewing angle of the recorded picture or video. See Using the ***Rotate View*** (5.1.1).

4.3.1 The Timelapse screen



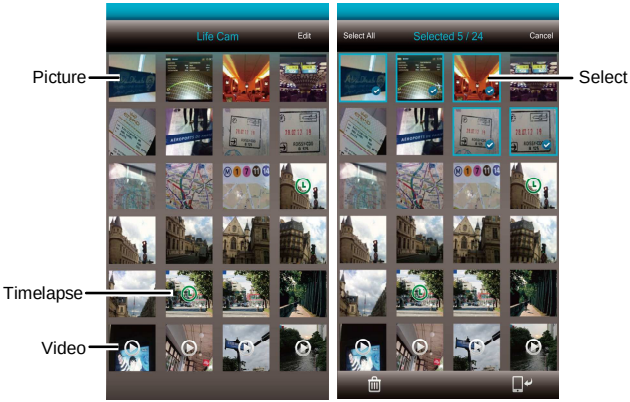
No.	Icon	Item	Description
1		Wi-Fi status	Indicates the Wi-Fi status.
2		Battery status	Indicates the remaining battery power.
3		Timelapse	Touch to select a suitable Interval. Available options: 5 sec. / 10 sec. / 30 sec. / 1 min. / 5 min. / 10 min. / 30 min.
4		Store type	Touch to select the required storage type. Available options: Picture / Video / Picture & Video

No.	Icon	Item	Description
5	3fps	Frame rate	Touch to select the required frame rate. Available options: 3 fps / 5 fps / 10 fps
6		Power saving mode	Touch to select the power saving mode. Available options: On / Off
7		Zoom indicator	Indicates the zoom status. Touch / to adjust the zoom. Available options: x1.0~x2.4
8		Playback	Touch to enter Playback mode.
9		Shooting	Touch to start shooting photos, and touch again to stop.
10	2014/01/01 12:00:00	Date and time	Indicates the current recording date and time.
11		Menu	Touch to enter the menu.
12	4K	Photo resolution	Indicates the current photo resolution.
13		Timelapse mode	Indicates the current Timelapse mode. Touch to switch to Shooting photos or Recording video modes.

4.4 Playback pictures and videos

You can use this feature to view pictures and videos.

1. Touch ▷ to enter **Playback** mode.
2. You can touch **Edit** to enter Edit mode.
3. Touch to select the required pictures or videos, and touch 🗑 / 📱 to **Delete** or **Download** the selected files on your mobile device.

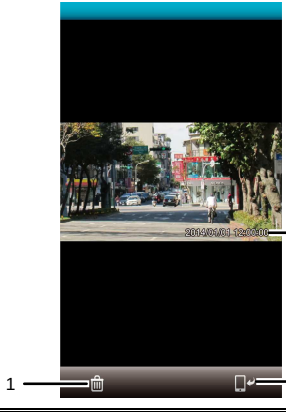


Note:

Life Cam App is for users to preview approx. 800 of the most recent files. If you want to overview all recorded files, please use a computer or other media players to check.

4.4.1 Viewing pictures

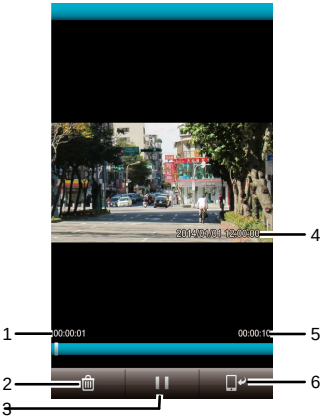
Touch the photo to view it in full screen.



No.	Icon	Item	Description
1		Delete	Touch to delete the current picture.
2	2014/01/01 12:00:00	Date and time	Indicates the recorded date and time.
3		Download	Touch to download the current picture.

4.4.2 Playing videos

Touch the video to play it in full screen.



No.	Icon	Item	Description
1	00:00:01	Current duration	Indicates the video current duration.
2		Delete	Touch to delete the current video.
3		Stop	Touch to pause the video playback.
4	2014/01/01 12:00:00	Date and time	Indicates the recorded date and time.
5	00:00:10	Total duration	Indicates the video total duration.

No.	Icon	Item	Description
6		Download	Touch to download the current video.

Note:

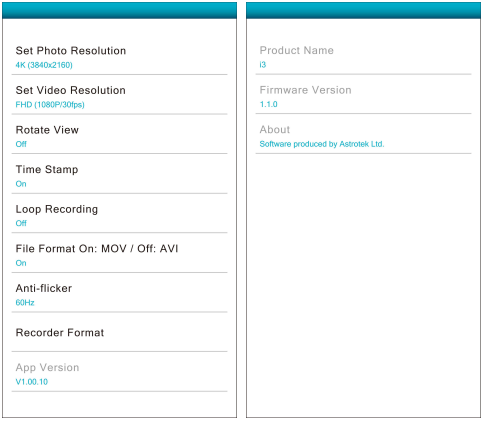
1. Video recorded using ***Timelapse*** is a string of pictures, therefore there is no audio when played back.
2. The Life Cam App is only applicable for previewing a video without audio playback. To view the integral video content, download the file to your mobile device or PC for playback.
3. Deleted files cannot be recovered. Ensure the files have been backed-up before deletion.
4. Picture and video files could be downloaded to the internal memory of your mobile device. Use the application program in your mobile device to view the file.
5. **If you find the downloaded files could not be played or without sound, which means the mobile phone itself does not support the video decoding. It's not the problem of the file. We recommend you to install a free App software, such as VLC to play.**
6. IOS mobile device operating systems: Due to the resolution limit, which may result in the recorded videos could not be downloaded to your mobile device. If you want to upload the recorded video files to the Internet, it is recommended that you pre-set the video resolution, which can be supported by your mobile device, or you can use a computer to read the files on the memory card.

5 Settings menu

5.1 Using the settings

You can customize the video recording and other general settings via the on-screen display (OSD) menus.

1. If recording is in progress, please touch / to stop recording.
2. Touch to enter the OSD menu.



5.1.1 Menu items

Refer to the below table for details of menu items and available menu options.

Menu option	Description	Available option
Set Photo Resolution	Set the desired photo resolution.	4K (3840x2160) / 5M (2576x1932) / 2M (1920x1080)
Set Video Resolution	Set the desired video resolution.	FHD (1080P/30fps) / HD30 (720P/30fps)
Rotate View	Prior to recording video, you may set ***Rotate View*** to alter the viewing angle of the recorded video.	Off / Flip Vertical / 180° Rotate
Time Stamp	Imprint the date and time on the recorded photo or video.	On / Off
Loop Recording	If start ***Loop Recording*** function, when the memory card storage space is insufficient, the older files will be overwritten.	On / Off
File Format On: MOV / Off: AVI	Set Timelapse photography and general video file formats.	On / Off
Anti-flicker	Domestic power supply varies by area. It is recommended that you should check the “Table of voltage and frequency of different countries” for the correct setting.	50Hz / 60Hz

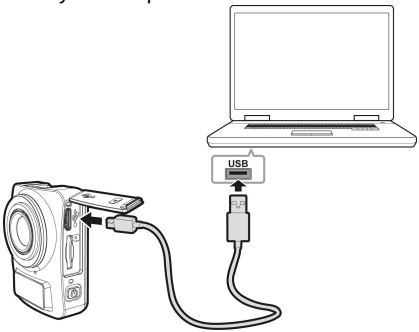
Menu option	Description	Available option
Recorder Format	Format the memory card inserted in the equipment. All the files in the card will be erased.	No / Yes
App Version	Indicates the current application version.	
Product Name	Display the model number of the device.	i3
Firmware Version	Indicates the current firmware version.	
About	The App software maker.	Software produced by Astrotek Ltd.

6 Connecting to other devices

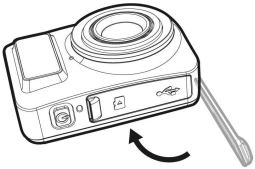
6.1 Connecting to the computer

You can connect the device to a desktop computer or notebook to transfer or view files.

1. Open the waterproof cover of the USB / Memory card slot.
2. Connect the micro USB cable into the port on the device.
3. Connect the other end of the micro USB cable to an available USB port on your computer.



4. Press the **Power** button to switch on the device, connecting the device to your computer.
5. On completion, make sure the waterproof cover of the USB / Memory card slot is sealed tightly, to achieve normal activity waterproofing.



7 Installing the software

1. Place the attached CD ROM into the CD player.
2. If the CD does not execute automatically, please use Windows File Manager to execute the **Install_CD.exe** file in the CD.

   The following screen will be shown up.

3. Press the [Menu] item to start the installation process according to the instructions on-screen.

8 Editing software

MAGIX Video easy SE is the perfect beginner program for the whole family. Thanks to the intuitive program interface with extra large buttons, a wide range of help functions and practical wizards, you can transform your recordings into amazing videos, even if you don't have any previous experience.

Your pictures, videos and music online. Let your friends and family participate in your experiences.

- Free Online Album with your own web address.
- High-quality design templates.
- Unique design.
- Slideshows with text, music, and effective transitions.
- Upload videos and play them.
- You can go http://www.magix.com/us/ to for more information.

System requirements: Windows XP / Vista / Win 7 / Win 8

Note:

1. The **MAGIX Video easy SE** software is only applicable to a Windows operating system.
2. Before using Magix edit software, please download QuickTime video player first.

9 Specifications

Item	Description
Image Sensor	8MP, 1/3.2'' CMOS
F/NO	F2.4
Lens	Fixed focus lens
Focus Range	1 m ~ infinity
Timelapse	Resolution: 4K (3840×2160); 5M (2576x1932); 2M (1920x1080)
	Format: JPG; AVI / MOV
Still Image	Resolution: 4K (3840x2160); 5M (2576x1932); 2M (1920x1080)
	Format: JPG
Movie Clip	Resolution: FHD (1080P/30fps); HD30 (720P/30fps)
	Format: AVI / MOV
Shutter	Electronic Shutter Auto :1/60 ~ 1/4000 sec
ISO	Auto
White Balance	Auto
Microphone	Yes
Buzzer	Yes
Interface	Micro USB
Waterproof Function	IPX5 – Protected against water jets; IPX8 for Waterproof Case (optional)

Item	Description
Storage Media	Supports Micro SD (HC,XC) class 10 or above, up to 32GB
Battery	Built-in 700mAh Li-polymer rechargeable
Operating Temperature	0°~ 50°C (14°~ 122°F)
Operating Humidity	0 ~ 95% RH
Storage Temperature	-20°~ 70°C (-4°~ 140°F)
Dimensions	38.5 x 50.3 x 20.4 mm
Weight	Approx. 36g (without memory card)

Built-in IEEE 802.11n Wi-Fi module: WN7911B-WM

Frequency range	2412~2462MHz
Channel List	Ch1~Ch11

Contains FCC ID: 2ACFIWM7911B

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