AEE CAMS

LYFE TITAN
USER MANUAL

• REC YOUR LIMITS

ENGLISH

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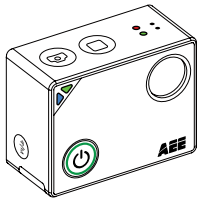
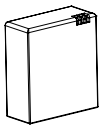
Disclaimer

Please use common sense and caution when operating camera(s).

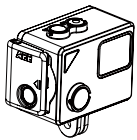
1. Keep the camera out of high temperatures and/or direct sunlight.
2. Keep the memory card away from any object with a strong magnetic field (i.e. TV, loud speaker, magnetic iron) and any place that has static electricity to prevent lost data storage.
3. If the battery overheats or smoke or odd odors emerge when charging, immediately pull the plug from the power outlet to prevent a possible fire hazard.
4. Keep out of the reach of children when charging the battery.
5. Store the camera in a cool, dry, dust free location.
6. Keep the camera away from any object with a strong magnetic field (i.e. a magnetic iron or motor) or objects that send out strong wireless waves (i.e. an antenna) because damage might occur.



LYFE TITAN CAMERA

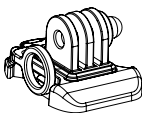


Lithium Battery



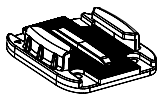
Waterproof Housing

Quick Release Frame

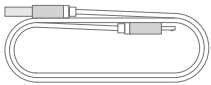


Quick Release Buckle

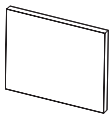
Curved Adhesive Mount



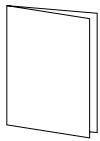
Flat Adhesive Mount



USB Cable

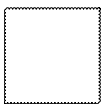


Anti-Fog Inserts

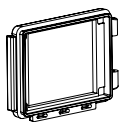


Quick Start Guide

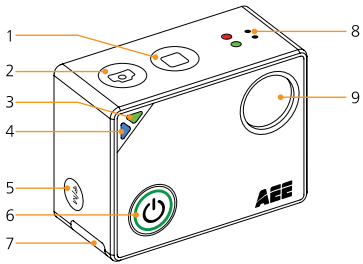
Stickers

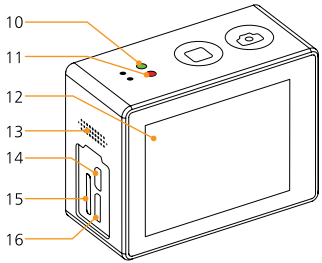


Lens Cleaning Cloth



Back Panel Cover





1. Stop Recording Button
2. Shutter Button
3. Green Indicator Light [L1]
4. Blue WiFi Indicator Light [L2]
5. WiFi Button
6. Power Button/Record Button
7. Battery Cover
8. Mic
9. Wide Angle Lens
10. Green Indicator Light [L1]
11. Red Indicator Light [L3]
12. Built-in Touch LCD Screen
13. Speaker
14. Micro HDMI Port
15. microSD Card Slot
16. Micro USB Port

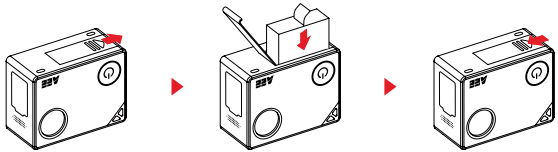
Camera Status	Green Light [L1]
Recording Video	Flashing
Recording Audio	Flashing
Taking Photos	Single Flash
Card Full	Solid

Camera Status	Green Light [L2]
WiFi Enabled	Flashing

Camera Status	Red Light [L3]
Charging Battery	Flashing
Power On	Solid
Recording Video	Solid
Recording Audio	Solid
Taking Photos	Solid
Card Full	Solid
Charged Battery	Solid
Low Power Warning	Solid
Data Transmission	Solid
WiFi Enabled	Solid

Battery Installation

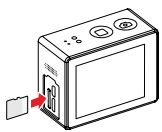
Slide the battery cover in the direction of the arrow, then place the battery into the battery compartment and close the cover.



microSD Card Insertion

When powered off, slide the microSD card into the microSD card slot with the label facing the front of the camera. When the microSD card is fully inserted, it will click into place.

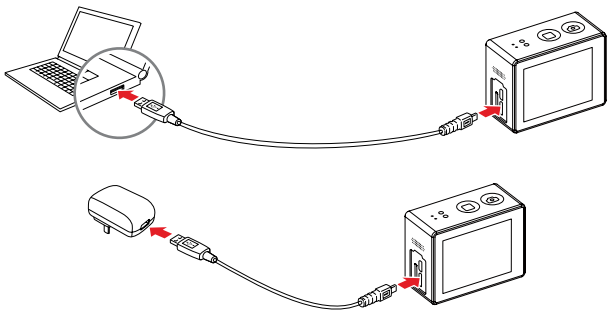
**microSD card with UHS Speed Class 3 (U3) transfer rate or higher is required.*



Charging the Battery

Connect the Micro USB cord to the camera and connect the other end to a computer or 5V/2A AC power adapter or portable power source.

**The red indicator light (L3) will flash when charging the battery. When it is fully charged, the light will remain solid.*

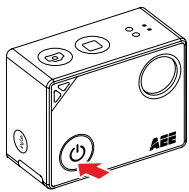


**Please remove the battery when operating the camera for long periods of time while plugged into a power source to prevent damage to the battery.*

Power On/Off

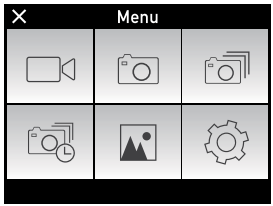
Press and hold the Power/Record button for approximately 3 seconds to turn the camera on or off.

**When powered on, the red indicator light (L3) will turn on and the camera will be in preview mode.*



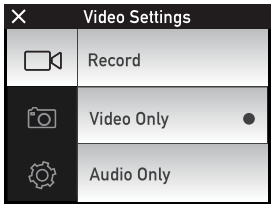
TOUCH SCREEN OPERATION

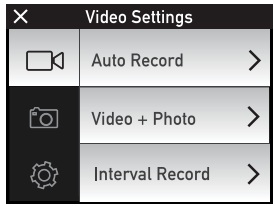
1. Indicates Modes Selected
2. Record Time
3. Battery Level
4. Video Resolution & Viewing Angle
5. Tap on Menu Button to enter Main Menu
6. Remaining Record Time



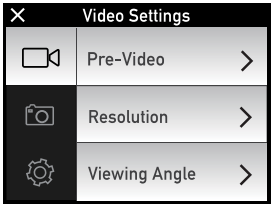
icon	Description
	Tap the **Video Icon** to enter **Video Mode**
	Tap the **Camera Icon** to enter **Photo Mode**
	Tap the **Burst Icon** to enter **Burst Photo Mode**
	Tap the **Interval Shooting Icon** to enter **Interval Shooting Mode**
	Tap the **Library Icon** to view photos and videos
	Tap the **Setting Icon** to change settings

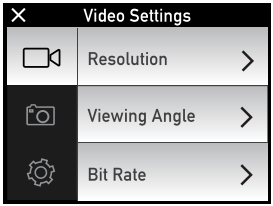
**Tap the "x" in the top left-hand corner to exit.*

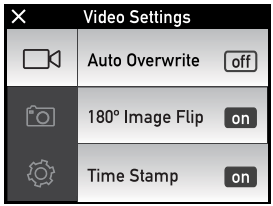




Function	Description
Record	Select to record video with audio
Video Only	Select to record video only
Audio Only	Select to record audio only
Auto Record	Set time for Auto Record: 5s/10s/20s
Video + Photo	Set time to take photo(s) during video recording: Manual/5s/10s/30s/60s
Interval Record	Set time for Interval Record: 1s/2s/5s/10s/30s To take a sequence of frames at set intervals to record changes that take place slowly over time. (Time-Lapse)



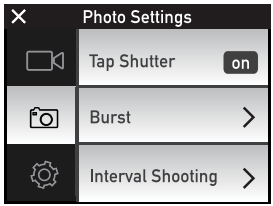


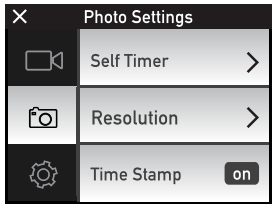


Function	Description
Pre-Video	In this mode, press the Record Button to prerecord the video without saving it; press the Record Button again to record video using the last 10 seconds of prerecording as the starting part.
Resolution	Select Video Resolution: 4k@30fps, 1440P@60fps/30fps, 1080P@100fps/60fps/30fps, 960P@60fps, 720P@200fps/120fps/60fps
Viewing Angle	Select Viewing Angle: Ultra Wide, Wide, Medium, Narrow
Bit Rate	Select Bit Rate: High, Normal
Auto Overwrite	Turn Auto Overwrite: On/Off When Auto Overwrite is turned on, it will record over existing files when microSD card is full
180° Image Flip	Turn Auto Image Rotation: On/Off Turn Auto Image Rotation on to have the camera automatically adjust right side up when mounted upside
Time Stamp	Turn Time Stamp: On/Off Turn Time Stamp on to show the current day, month, year, and time in the recorded file

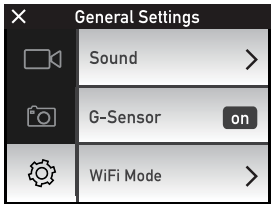
Video Resolution	Viewing Angle (FOV)*
4K	Ultra Wide, Wide, Medium, Narrow
1440P	Ultra Wide, Wide, Medium, Narrow
1080P	Ultra Wide, Wide, Medium, Narrow
960P	Ultra Wide, Wide, Medium, Narrow
720P	Ultra Wide, Wide, Medium, Narrow

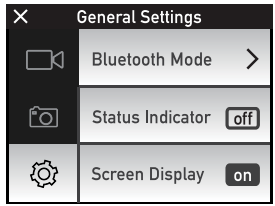
**FOV: Field of View*



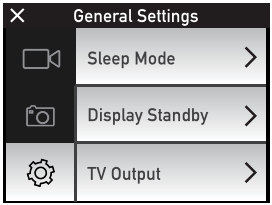


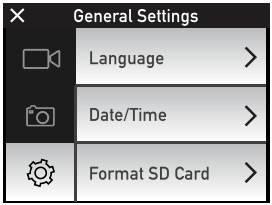
Function	Description
Tap Shutter	If turned on, tap screen to take a picture
Burst	Select Burst Mode: 3 photos/1s, 6 photos/1s, 8 photos/1s
Interval Shooting	Sets Frequency for pics to be taken: 1s, 2s, 3s, 5s, 10s, 20s
Self Timer	Pics will be taken automatically after setting time: 3s, 5s, 10s
Resolution	Select Image Resolution: 16MP (4608x3456 4:3), 12MP (4000x3000 4:3), 8MP (3200x2400 4:3)
Time Stamp	Turn Time Stamp: On/Off Turn Time Stamp on to show the current day, month, year, and time in the file

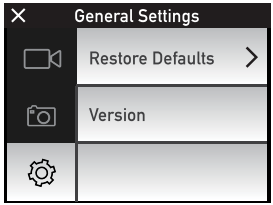




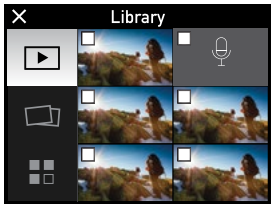
Function	Description
Sound	Turn Sound on to hear beeping indicators
G-Sensor	Turn G-Sensor on to start recording (in video mode) when camera moves. Camera will stop recording when moving stops after 3 minutes
WiFi Mode	Turn WiFi on to connect to APP ZONE on the Lyfe Titan network, select AP Mode for smartphone devices, select STA Mode for remote controls
Bluetooth Mode	Select Master Mode to connect with the selfie stick
Status Indicator	Turn on to see camera status functions
Screen Display	Turn on to see Camera Mode, Record Time, Power Level, Resolution, Viewing Angle, Menu Button, and Remaining Record Time.







Function	Description	Function	Description
Sleep Mode	Camera will enter power-saving state when no user activity has been sensed for a certain time: Off, 2min, 5min, 10min	Date/Time	Select Date & Time format: M/D/Y H:M, D/M/Y H:M, Y/M/D H:M
Display Standby	Display will be automatically turned off when no user activity has been sensed for a certain time: Off, 10s, 30s, 60s	Format SD Card	Confirm to delete all files on microSD card
TV Output	Select PAL or NTSC	Restore Defaults	Confirm to Restore Factory Settings
Language	Select Traditional Chinese , English (default), German, French, Italian, Spanish, Portuguese, Dutch, Turkish, Russian, Hungarian, Danish, Finnish, Norwegian, Swedish,Greek, Polish, Czech	Version	Displays software version



Function	Description
Video Files	Displays all video & audio files
Photo Files	Displays all photo files
All Files	Displays all video, audio & photo files

Tap on thumbnail to open any file

Click on the square on the top left-hand corner of the thumbnail to select each file

After selecting 1 or more files, three yellow option squares (▫▫▫) appear in the top right-hand corner.
Tap on the three yellow option squares (▫▫▫) to delete and lock the files selected.

**Exit this screen by touching the "x" exit button in the top left-hand corner*

Transferring Data to Computer

1. Connect the Micro USB cord to the camera and connect the other end to a computer.
2. Turn the camera on.
3. If using Windows, go to “My Computer” and search for “Removable Disc.” Double click on “Removable Disc.” Copy and paste the files to the computer.
4. If using Mac OS, the library will pop up immediately. Simply click on “Start Import” to import your files.

**Files cannot be imported to microSD card via USB cable when the card is inserted in the camera.*
Files cannot be deleted from the microSD card directly from computer, it needs to be done through camera.

Viewing Photos and Videos on TVs

Photos and videos can be viewed on TVs or monitors that have an HDMI port. Check to see that your camera is set to the correct video format.

**Please enter playback mode before using HDMI port to the TVs or montitors*

Connecting to the AEE ZONE

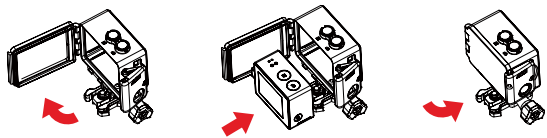
1. On your mobile device, turn the WiFi on and download the AEE ZONE from the Google Play or Apple Store.
2. Press and hold the WiFi Button for 3 seconds to turn on the camera WiFi.
3. Go to WiFi settings on your mobile device, find and select the Lyfe Titan network, and enter the password: AEE12345.
4. Launch the AEE ZONE and click on the Camera button in the APP. Use your camera with the AEE ZONE.

**After the WiFi is turned on, the G-Sensor feature will turn off automatically.*

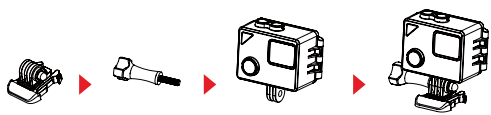
Accessory Application

The Lyfe Cams are suitable for handheld use or hands-free use by using appropriate accessories. The Lyfe Cams come with waterproof housing that is used to record videos and take photos underwater.

Waterproof Case:



Quick Release Buckle + Thumb Screw+ Housing = Complete Unit



Quick Release Frame:

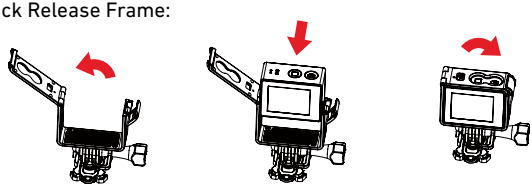


Photo Resolution	16MP, 12MP, 8MP	Video Resolution (MP4)	4K@30fps, 1440p@60fps/30fps, 1080p@100fps/60fps/30fps, 960p@60fps, 720p@200fps/ 120fps/60fps
Lens	Angle: 140° Aperture: 2.7f	Screen	1.8“ Touchscreen integrated
Photo Mode	Tap Shutter, Burst, Self Timer, Interval Shooting	Video Mode	Record, Video Only, Audio Only, Interval Record, Auto Record, Video + Photo
Burst Mode	3 photos/1s, 6 photos/1s, 8 photos/1s	Video + Photo	5s, 10s, 30s, 60s or Manual
Self Timer	3s, 5s, 10s	Interval Record	1s, 2s, 5s, 10s, 30s
Interval Shooting	1s, 2s, 3s, 5s, 10s, 20s	Auto Record	5s, 10s, 20s
Interface	Micro USB, Micro HDMI, microSD	Memory	microSD card (up to 64GB) with UHS Speed Class 3 (U3) transfer rate or higher required
Operating Temperature Storage Temperature	0°C to 60°C -20°C to 60°C	Battery	1050 mAh
Weight	67g	Dimension	52mm x 26mm x 40mm
Other Functions	Built-In WiFi, Built-In Bluetooth, 4x Digital Zoom, Video Loop, Auto Record, 180° Image Flip, Sleep Mode (2min, 5min, 10min)		

1. If you don't use your camera for a long period of time, please charge it every 6 months to maintain the battery life.
2. Using the digital zoom feature will slightly reduce the image quality. Please be aware of this and use at your discretion.
3. It is suggested to upload and view large video/photo/audio files on your computer to ensure quality viewing.
4. If your video files are corrupt, try reformatting the microSD card with the camera. To do this, go into the settings mode, locate the format SD card option and confirm.
5. During operation, the camera might become noticeably warm. Do not be concerned, as the camera is operating normally. The camera will automatically shut down if it overheats to prevent damage.
6. Turn off the camera before inserting the microSD card for best performance.
7. While it is possible to use the camera while the battery is charging, you run the risk of shortening the battery life and damaging it.

FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
• This device may not cause harmful interference.
• This device must accept any interference received, including interference that may cause undesired operation.

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 25 harmful interferences 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.

FCC Caution

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

AEE CAMS
REC YOUR LIMITS