

Life. Camera. Action!





www.activeon.com

Table Of Contents

2. Operation & button description	2
3. Start the camera	
4. LCD screen shot	4
5. Graphical icon description	5
6. Video recording	
7. Photo shoot	
8. User menu	7
8-1. Playback mode	8
8-2. User setting	
9. Recharging Battery	12
10. Smart phone control	
11. Connect ACTIVEON CX to smartphone(using ACTIVEON App)	13
12. Transferring data to computer	
13. Firmware update	16
14. Features and specifications	17
15. Inside the Package	18
* CALITION	20

FCC RADIO FREQUENCY INTERFERENCE STATEMENT
RF Exposure Information (SAR)
Warranty

1. Name of each part

www.activeon.com

С€2200 **F©** 🗵 вонѕ

* Please read this manual carefully before the use!





1. Name of each part



2. Operation & button description

- ACTIVEON CX is operated by two buttons. (button , button)
- () button features "Power, Shutter and Enter".
- ()button features "Mode change, Navigation and User menu".
- The feature of buttons are defined as below table.

Function	Button	Description	
Power On / Off	0	Press () button and hold for 2 seconds * If Auto Power off is set, the camera will automatically shut down in 3 minutes when there is no operation.	
REC Start / Stop	0	Press (() button to start video recording or photo shoot (Video / Photo / Burst / Timelapse)	
Confirm setting menu	0	Within user setup mode, press () button to enter setting menu in each category	

Function	Button	Description
Mode change	0	Press the (() button to switch modes (Video > Photo > Photo burst > Photo timelapse)
User menu	0	Press the (() button and hold for 2 seconds to enter user setup mode
Navigator	0	Press the (\bigcirc) button to move select bar on OSD menu or change setting

3. Start the camera

- 1. Open the battery cover and insert ACTIVEON CX Li-ion battery.
- 2. Insert microSD Card on the microSD Card slot. (The camera will not record when microSD Card is not inserted.)
- 3. Press the ((()) button and hold for two seconds. (The camera will turn on and LCD screen will display live image.)

4. LCD screen shot



No.	Function	Description
1	Current mode	Shows current mode (video or photo)
2	Shooting mode	Shows current shooting mode (Video - Auto stop / Looping / Timelapse) (Photo - Self timer / Timelapse / Burst)
3	Recording time information	Shows recording time information (Current recording time / Usable recording time)
4	Battery	Shows battery capacity status
(5)	Resolution	Video / Photo Resolution
6	FOV	While shooting video or photo, it shows viewing angle mode (Super wide / Wide / Medium / Narrow)
7	Zoom	Shows current zoom level (None / x2 / x3 / x4)
8	Effect setting	Shows current effect setting (Effect / Quality / Filter / AE meter / Upside Down)

5. Graphical icon description

Mode	Function	Icons	Description
	Current mode		Video mode
	Current mode		Photo mode
	Battery		Shows battery capacity status
	FOV	Super Wide Medium Narrow	Shows FOV setting status (Super wide / Wide / Medium / Narrow)
	Zoom	@ @ @	Shows current zoom level (None / x2 / x3 / x4)
Live screen	Effect	₩ ,	Shows current recording effect status (Sports / Aqua / Night)
	Image quality	Is In	Shows current recording image quality status (Super Fine / Fine / Normal)
	Filter	BW W N S R G B	Shows current recording filter status. (Off / Black&White / Warm / Negative / Sepia / Red / Green / Blue)
	AE Meters	[•][•][:::]	Shows current recording AE meter status (Spot / Center / Average)

Mode	Function	Icons	Description
	Auto stop	1	Records video until set time. (1min / 5min / 10min / 30min)
Video	Timelapse	G	Captures images in set intervals and creates a timelapse video file. (1sec / 3sec / 5sec / 10sec / 30sec / 60sec)
	Looping	C	Continuously records a video for a set time until you stop. (5min / 20min / 60min / 120min)
	Self Timer	<u>ن</u>	Captures an image after a set time. (5sec / 10sec / 15sec)
Photo	Burst		Photo burst shooting (3/1sec , 5/1sec)
	Timelapse	G	Captures images continuously in set intervals until you stop. (1sec / 3sec / 5sec / 10sec / 30sec / 60sec)

6. Video recording

- 1. After the camera is turned on, Press(()) button to start video recording.
- 2. When the camera starts to record, LED light blinks * and shows recording time on the screen.
- Press() button to stop recording.
- 4. You can adjust video settings in "User Menu".

 $^{{\}it *If LED off option is selected in user setup, LED light will not blink.}$

7. Photo shoot

- Press (() button to change to photo mode.
- · Mode changes as



- 1. Press () button to shoot photo.
- 2. In 'Photo Timelapse' mode, Press ((())) button to stop photo shooting.
- 3. You can adjust photo settings in "User Menu".

8. User menu

• You can view recorded video/photo and adjust settings in "User Menu".



- 1. Press () button and hold for two seconds to enter user menu.
- User menu is divided into seven categories.(Playback, WiFi, Video, Photo, Zoom, Effect and General setting)
- 3. Press (()) button to move to next option.
- Press () button to select and confirm each user menu within sub-menu.

8-1. Playback mode

- User can view recorded video or photo on the screen.
- Press (()) button to select control panel on top menu.
- While the file is playing, you can call the play control panel by () button.



Operation

Photo playback

Press () button to use control panel.

Press ((()) button to select.

8-2. User setting

7 E. OSEI SELLING		
Function	Sub menu	Description
	WiFi APP	Turn on WiFi to connect with smartphone
WiFi	OFF	Turn off WiFi to disconnect with smartphone
	BACK	Return to previous menu
	Recording mode	Manual / Auto Stop / Looping / Timelapse Video
	Auto Stop	1min / 5min / 10min / 30min
	Video Timelapse	1sec / 3sec / 5sec / 10sec / 30sec / 60sec
101 0	Looping	5min / 20min / 60min / 120min
Video Setting	Resolution	NTSC : 1080p 30fps / 960p 30fps / 720p 60fps / 720p 30fps / 480p 60fps PAL : 1080p 25fps / 960p 25fps / 720p 50fps / 720p 25fps / 480p 50fps
	BACK	Return to previous menu

Function	Sub menu	Description
	Shooting mode	Manual / Self-Timer / Burst / Timelapse
	Self-Timer	5sec / 10sec / 15sec
Photo Setting	Burst	3 photos per 1 sec / 5 photos per 1 sec
, , , , , , ,	Timelapse	1sec / 3sec / 5sec / 10sec / 30sec / 60sec
	Megapixel	5MP / 4MP / 3MP
	BACK	Return to previous menu
	x1	
Zoom	x2	Zoom in (x1/x2/x3/x4)
Zoom	x3	20011111 (x1/x2/x3/x4)
	x4	
	FOV	Super wide / Wide / Medium / Narrow
	Quality	Super Fine / Fine / Normal
Effect Setting	Upside Down	On / Off
	AE Meter	Center / Average / Spot
	EV	-2.0/-1.0/0/1.0/2.0

st This action camera chipset supports up to 4MP and can be upscaled up to 5MP by optical system settings.

Function	Sub menu	Description
	Filter	Off / Black&White / Warm / Negative / Sepia / Red / Green / Blue
	Time Stamp	On / Off
	Effect	Off / Aqua / Sports / Night
Effect Setting	White Balance	Auto / 3000K / 5500K / 6500K
	ISO	100 / 200 / 400 / 1600 / Auto
	BACK	Return to previous menu
	Mic Volume	Off / 30% / 70% / 100%
	Speaker	Off / 30% / 70% / 100%
	Beep	On / Off
	LED Indicator	Off/Two/Four
General Setting	TV Out	NTSC / PAL
	Memory Format	Yes / No
	Time Setting	MM>DD>YY>HH>MM>AM/PM>DONE
	Auto LCD off	Never / 1min / 2min / 3min
	Brightness	25% / 50% / 75% / 100%

Function	Sub menu	Description
General Setting	Auto Power off	Never / 1min / 2min / 3min
	Default Setting	Yes / No
	Version Info	Displays current camera software version
	WiFi Info	Displays current WiFi SSID and Password
	BACK	Return to previous menu

9. Recharging battery

- $\bullet \ \mathsf{LCD} \ \mathsf{will} \ \mathsf{show} \ \mathsf{the} \ \mathsf{low} \ \mathsf{battery} \ \mathsf{icon}(\boxed{ } \boxed{ } \boxed{ }) \ \mathsf{when} \ \mathsf{the} \ \mathsf{battery} \ \mathsf{is} \ \mathsf{too} \ \mathsf{low} \ \mathsf{and} \ \mathsf{close} \ \mathsf{to} \ \mathsf{the} \ \mathsf{cut} \ \mathsf{off} \ \mathsf{level}.$
- $\bullet \ \ The \ camera \ will \ save \ the \ file \ automatically \ until \ it \ is \ turned \ off. \ You \ must \ recharge \ your \ battery \ to \ restart.$
- It will take about 3.5 hours for a full charge by USB port.
- You can use a Battery Charger (optional accessory) for fast charging.
 - 1. Turn off the camera.
 - 2. Connect the camera USB port to your computer via USB cable.
- 3. LED will turn on indicating battery is being charged.
- 4. LED will be turned off when it is fully charged.

10. Smartphone control

- By utilizing WiFi APP function of ACTIVEON, user can control the camera through smartphone.
- Compatible with iOS and Android OS.
- Before connecting the camera, download 'ACTIVEON' application from smartphone app store.
- Search for 'ACTIVEON' in Apple App Store or Google Play Store.
- * While smartphone is connected to the camera, camera button operation will be disabled.
- * You can take a video and photo, and adjust camera setting on 'ACTIVEON'.
- * 'ACTIVEON' features will be upgraded through application update through your smartphone.

11. Connect ACTIVEON CX to smartphone(using ACTIVEON App)

On your camera

- Turn on 'WiFi APP' function on ACTIVEON CX.
- The camera screen will display "Waiting for connection"
- * If you want to turn off 'WiFi APP', Press ((())) for 2 seconds and choose "Off".

 At that time, you can turn off the "WiFi APP" and exit from the black screen.



11. Connect ACTIVEON CX to smartphone(using ACTIVEON App)

On your Smartphone

- On your smartphone or tablet, turn the WiFi on and select the network CXO-xxxxxx under WiFi setting.
- Default password is '1234567890'.
- Run 'ACTIVEON' app on your smartphone or tablet.
- Press 'Connect ACTIVEON' on the app, now you can control your ACTIVEON camera.









12. Transferring data to computer (compatible with both Windows OS and Mac OS)

- If the camera is connected to a computer or battery charger while it is powered off, the camera starts to recharge the battery.
- If the camera is connected to a computer while it is powered on, the camera changes to file-transfer mode.
- While the camera is connected to a battery charger or car charger for recharge, the camera can record while it is recharging.
 - Power on ACTIVEON CX.
 - 2. Connect the camera to a computer via USB cable.
 - 3. The camera LCD will display as 'USB Ready'.
 - 4. Go to 'my computer' in PC.
 - 5. Search 'removable disk'.
 - 6. Double click 'removable disk'.
 - 7. Double click 'DCIM' folder.
 - 8. Open the folders to find video or photo file.
 - 9. Copy and paste files to the computer.

13. Firmware update (Find the latest firmware at www.activeon.com)

- You can always find the latest firmware updates of ACTIVEON products on the website. (www.activeon.com)
- Firmware upgrade may not available if battery is too low.
- · Recharge up to two cells of battery gauge for proper upgrade.
- 1. Format the memory card, and copy firmware file to the root directory of microSD Card.
- 2. Insert the microSD to ACTIVEON CX and turn on the power.
- 3. Firmware upgrade will automatically start as showing the updating status on the screen.
- 4. When upgrade is completed, the camera shows 'F/W Updating' and automatically turns off.
 - *Do Not turn off the device or take out the battery during firmware upgrade.



14. Features and specifications

- "ACTIVEON CX" 1080p 30fps Action camera
- Full HD(1920 x 1080) resolution, 30fps recording
- 196ft(60m) waterproof housing5M pixel high precision digital image CMOS sensor
- 170° wide-angle field of view (FOV) (*Video recording 160° FOV)
- Built-in 2.0"LCD(320x240) screen
- · Built-in WiFi antenna
- Versatile recording resolution(1080p/960p/720p/480p)
- Burst photo-shooting (*upto 5 shots in 1 second)
- . H.264 codec, saved as MOV format.
- · Rechargeable Li-ion battery
- Battery running time : Approximately 120 minutes of continuous recording (1080p 30fps)
 - * recording time may vary, depends on environmental condition
- Recharging time: 3.5 hours by USB port / 2.5 hours by AC adapter (Optional Accessory)
- Easy graphical user interface in LCD display
- · Full line of mounting accessories

15. Inside the Package



ACTIVEON CX Action camera



Waterproof Housing



Curved Adhesive Mount



Connecting Screw



Short Connector



Rechargeable Li-on Battery



USB Cable





CAUTION

It could be exploded if the battery is inappropriate type. Please insert proper type of battery according to instructions.

The symbol means that according to local laws and regulations your product should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. Some collection points accept products for free. The separate collection and necyding of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a namer that packed in a n

FCC RADIO FREQUENCY INTERFERENCE STATEMENT

FCC ID : XOMCCX01

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.

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 inferference in a residential installation. This equipment generate, uses and can radiate radio frequency energy and, if it is not installed and used in accordance with the protection, may expend the protection of the protec

· 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.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.00

RF Exposure Information (SAR)

NOTE: This appliance and its antenna must not be co-located of operation in conjuction with any other antenna or transmitter. A minimum separation distance of 20cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirements.

This device meets the U.S. government's requirements for exposure to radio waves.

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard employs a unit of measurement known as the Specific Absorption. Rate(SAR). The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at the certified power level in all tested different channels.

The FCC have granted an Equipment authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC, and can be found under the Display Grant section of www.fcc.gov/oet/ea/fddid after searching on FCC ID: XOMCCX01

This device is compliance with SAR for general population / uncontrolled exposure limits in ANS/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET builetin 65 Supplement C.

USA Warranty



ACTIVEON LIMITED WARRANTY

This limited warranty is provided by ACTIVEON to the original end-user purchaser ("Purchaser"), when delivered in new condition in its original container.

The Product is warranted to be free from manufacturing defects under normal use and service for a period of 12 months from the date of original purchase ("Warranty Period"). Where there is no evidence of the date of original purchase, ACTIVEON shall consider the date of manufacture as the date of original purchase.

If the Product is returned to an ACTIVEON and ACTIVEON concludes in its discretion that the product is defective in manufacture, ACTIVEON may, at its sole discretion and without charge (a) exchange the Product for a new Product, or (b) exchange the Product for a refurbished Product.

Exchange or replacement of the Product does not extend the original warranty period of the Product.

The oursmit shall be provided if the Product is damaged through the negligence of fails of others, abuse, mishandling impure protaging by you, alreadon, accident, electrical current fluctuations, failure to foliase. A CHEON'S operating and maintenance instruction, or 5 veniors are preferred to the Product's journed on the fails. A CHEON'S or stating and maintenance instruction, or 5 veniors are preferred to the Product is journed on the fails of the CHEON'S or stating and beserve provider. Water environmental, sand, and comparing damage basing visible, scratches, or durange to the Product vall be presumed to have resulted from missue, above or failure to operate the Product as set form in the operation and maintenance instructions. Water values of the Product as set form in the operation and maintenance instructions to wavarrapt valla begrowthed firsh Product as last form in the operation and maintenance instructions. Was warrapt valla begrowthed firsh Product as last form in the operation and maintenance instructions to wavarrapt valla begrowthed firsh Product as last form in the operation and maintenance instructions.

ACTITION SPECIFICALLY DISCLAMIS ANY MINIED WARRANTY OF MECHANIFICALITY OR FITNESS FOR A PRITICULAR PURPOSE DURING OR AFTER THE EXPRESS WARRANTY PERIOD STREED ADDRESS, AND NO DIFFERED PERIOD WARRANTY DEATH OF A METHODOLOGY AND A PROPRINGES DOES OF A METHODOLOGY AND A METHODOLOGY AND

For assistance (USA) – If you purchased ACTIVEON product in USA and have questions regarding the product or this Limited Warranty, please call 1-858-798-3300. Or visit www.activeon.com.

It is the Purchaser's responsibility to properly package and send the Product, together with a copy of the original proof of purchase, an explanation of the problem, and a return address to ACTIVEON at the Purchaser's expense. If the Product covered by this limited warranty and proven to be defetive upon inspection, it will be serviced and returned to the Purchaser at no charge. Any received Product that is not proved by this limited warranty or its benefit of the Warranty Period will be returned as if the product that is not proved by this limited warranty or its benefit of the Warranty Period will be returned as if the product that is not provided by the product of the Warranty Period will be returned as if the product that is not provided by the product of the Warranty Period will be returned as if the product that is not provided by the product of the Warranty Period will be returned as if the product that is not provided by the product of the prod

EU Warranty



ACTIVEON LIMITED WARRANTY (EU)

The following limited warranty is provided by ACTIVEON with respect to the ACTIVEON product ("Product") purchased by the original end user purchaser ("Purchaser"), when delivered in new condition in its original container. Consumers have legal rights under applicable national legislation governing the sale of consumer goods. Such rights are not affected by the warranties in this limited warranty.

The Product is warranted to be free from manufacturing defects under normal use and service for a period of 24 months as from the date of original purchase ("Warranty Period"). Where there is no evidence of the date of original purchase. ACTIVEON shall consider the date of manufacture as the date of original purchase.

If the Product is returned to ACTIVEON and ACTIVEON concludes in its discretion that the product is defective in manufacture, ACTIVEON may, at its sole discretion and without charge (a) exchange the Product for a new Product or (b) exchange the Product for a refurbished Product.

Exchange or replacement of the Product does not extend the original Warranty Period of the Product.

No warranty shall be provided if the Product is damaged through the negligence or fault of others, abuse, mahandling, immopree packaging by you, alterator, accident, electrical current fluctuations, failure to follow. A CHINGN 6 sperial grant deminierance instruction, or if survices are performed to the Product by sportned or the Product in ACHINGN 6 are stain particles provided. White environmental, sand, and consolor damage, battery leakage, scatches, or damage to the Product visit by be presumed to have resident from misuse, abuse or failure to operate the Product as set for the presumed of the Product in the P

For assistance (EU) – If you purchased an ACTIVEON product in the EU and If you have questions regarding the Product or this Limited Warranty, please visit www.activeon.com.

It is the Purchaser's responsibility to properly package and send the Product, together with a copy of the original proof of purchase, an explanation of the problem, and a return address to ACTIVEON.
If the Product is covered by this limited Warranty and proven to be defective upon inspection, it will be serviced and returned to the Purchaser at no charge. Any received Product that is not covered by this blintled Warranty will be entured to the Purchaser at it.

ACTIVEON EU B.V. HULLENBERGWEG 278 1101 BV AMSTERDAM THE NETHERLANDS (Not a visiting address)

