

# LinQTab LQSC48



## **LQSC48 – Full HD 1080p Waterproof Sports Camera User Manual**

**Please read this manual before operating your device, and keep it for future reference.**

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## General notices for use

- This product is a highly advanced electronics device. Disassembly, customization or repairs without the appropriate knowledge and precautions can lead to dangerous situations with chance of damaging the product and causing serious personal injuries.
- Avoid use in extreme conditions such as high or low temperatures, high humidity or moist environments and around magnetic fields. Also avoid long-time exposure to sunlight.
- Only use the manufacturer permitted accessories to avoid damages to the product and possibly warranty loss.
- Please follow the relevant local environmental regulations to deal with obsolete machines and accessories.
- Use a protective folder to avoid extreme physical shocks to the device (i.e. of dropping).

## Disclaimer

- The screenshots in this manual are for reference only. They may be made on a device with a different resolution or hardware configuration than yours and therefore can be slightly different than the final product.
- The manufacturer takes no responsibility for loss of information or data caused by hardware or software failure. The user is responsible for performing timely backups of important data.
- All information and images used in this user manual are provided 'as is' and are subject to change without notice.
- The manufacturer accepts no liability for the information offered in this document.

## Box Contents

- ☐ 1 x LQSC48 Unit
- ☐ 1 x Remote Control
- ☐ 1 x Battery
- ☐ 1 x USB cable with Power Adapter
- ☐ 1 x User Manual

# Getting Started

## Product Specifications



### LQSC48

## Full HD 1080p Digital Sports Camera

Model No.	LQSC48 - Full HD 1080p Waterproof Digital Sports Camera
Image Sensor	1/3 inch CMOS
View Angle	160 degrees(standard)
Pixel	12 mega pixels
Digital Zoom	4×
Screen	2 inch TFT LCD
Screen Resolution	480×240
Video Resolution & Frame Rate	1920X1080(1080P)@30fps 1280X720(720P)@60fps 1280X720(720P)@30fps 848X480(WVGA)@60fps 640X480(VGA)@60fps
Video Codec	H.264
Video Format	MOV
Photo Resolution	VGA 640X480 1.3M 1280X960 2MHD 1920X1080 3M 2048X1536 5M 2592X1944 8M 3264X2448 10M 3648X2736 12M 4032X3024
Photo Format	JPEG
Battery	3.7V/1000mAh Li-polymer battery
Battery Working Time	90minutes(1080P video recording)
Memory	Support Micro SD card up to 64GB
G Sensor	Included
HDMI	Mini HDMI connector
AV Out	Support
USB Interface	USB 2.0
Color	Silver Gray
Dimension	59 mm x 47 mm x 39 mm
Weight	72 grams (with battery)

The information contained in this document is subject to change without notice.

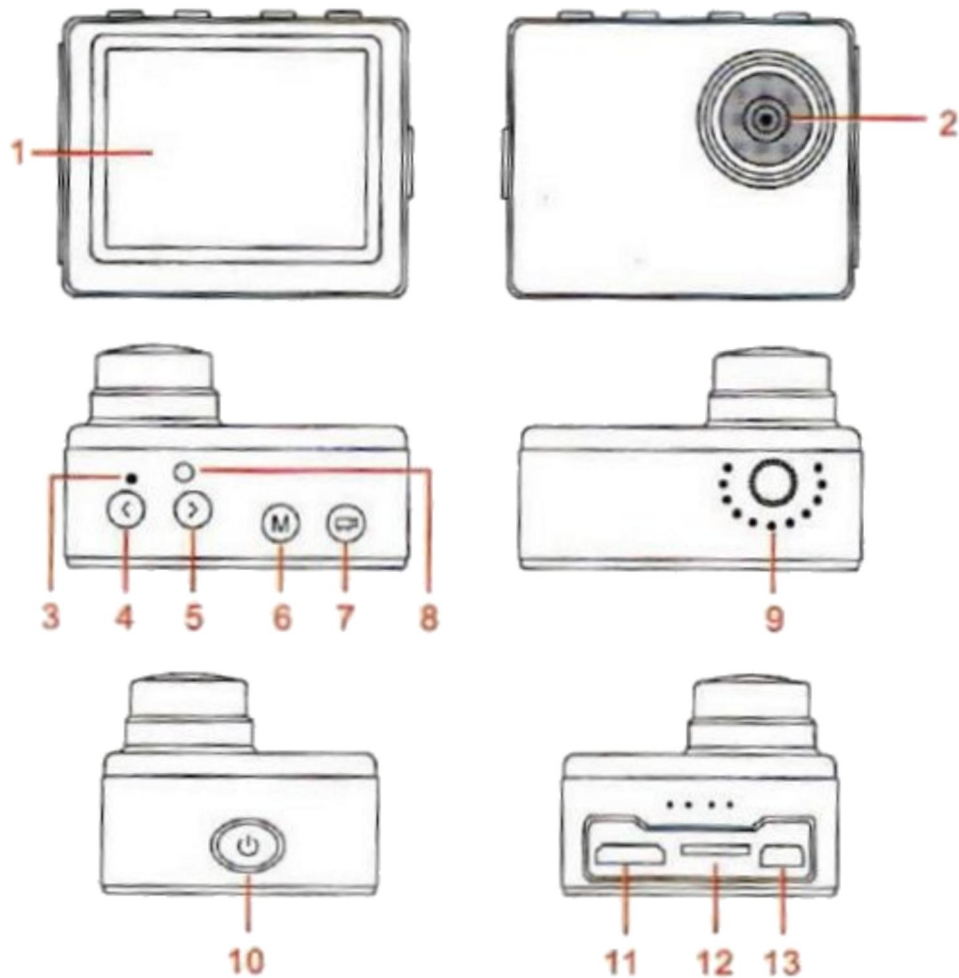
## Features

Thank you and congratulations on your purchase of the LinQTab Portable Power Bank. Please read this manual through carefully to maximize your enjoyment of the product and to ensure your own safety.

## Safety Precautions:

1. **Do not use the camera in extremely hot, cold, dusty or damp environment.**
2. **Install the shockproof case before using and try to avoid dropping the camera.**
3. **The camera itself is not waterproof. Please put the camera into waterproof case and closed it tightly before using underwater, do not use it underwater over 60meters or more than 4 hours.**
4. **The camera requires a micro SD card to work, please insert card before using.**
5. **The battery life varies according to the using environment. A colder environment will drain the battery quicker, average battery working time is 1.5 hours.**
6. **Please remove the battery or charge the camera if not using for more than 5 days.**
7. **Do not disconnect the camera from PC during uploading or downloading footage, it may damage the camera or files.**
8. **We will not take responsibility for the data lost problem, which can be caused by camera damage, repair or any other reasons. Please follow user manual and backup your data in time.**
9. **Do not take the camera apart by yourself for any reasons. This will break the tamper seal and void out warranty. If you have any questions or problems, please contact the dealer first**
10. **Do not use the camera in very dark or strong light. Image quality will be not good and that may even hurt camera lens.**

## Camera Overview Diagram:



1. LCD
2. Lens
3. Microphone
4. Down
5. Up
6. "M" button – Menu Mode Switch
7. Record button - Record/Stop/Snapshot/OK
8. Indicator 1
9. Screw hole
10. Power button / Indicator 2
11. HDMI connector
12. Card slot
13. USB connector

# Operating instructions:

## Initial Camera Setup

### Before using the Camera for the first time

1. Open card slot cover.
2. Insert a Micro SD card (up to 64GB) into slot, please format the memory card before using.
3. Put battery into battery slot then tighten the battery cover.
4. This camera saves videos by .mov format, can be played by Windows media player & QuickTime player directly. This camera records full HD videos, big bitrates. If playback is not smooth, please try other players or High configuration computers.

Attention: make sure the camera turned OFF before insert or remove the card!







# Camera Operations

## Turn your camera on / off


Action	Steps and Indicators
Turn On	Press power button shortly, – Indicator 1 turns on (Green) – Indicator 2 turns on (Blue) – LCD turns on Now the camera is ready for use in standby mode.
Turn Off	Press and hold the power button for 2-3 seconds then release. The indicators and LCD will turn off, now the camera is now powered off.



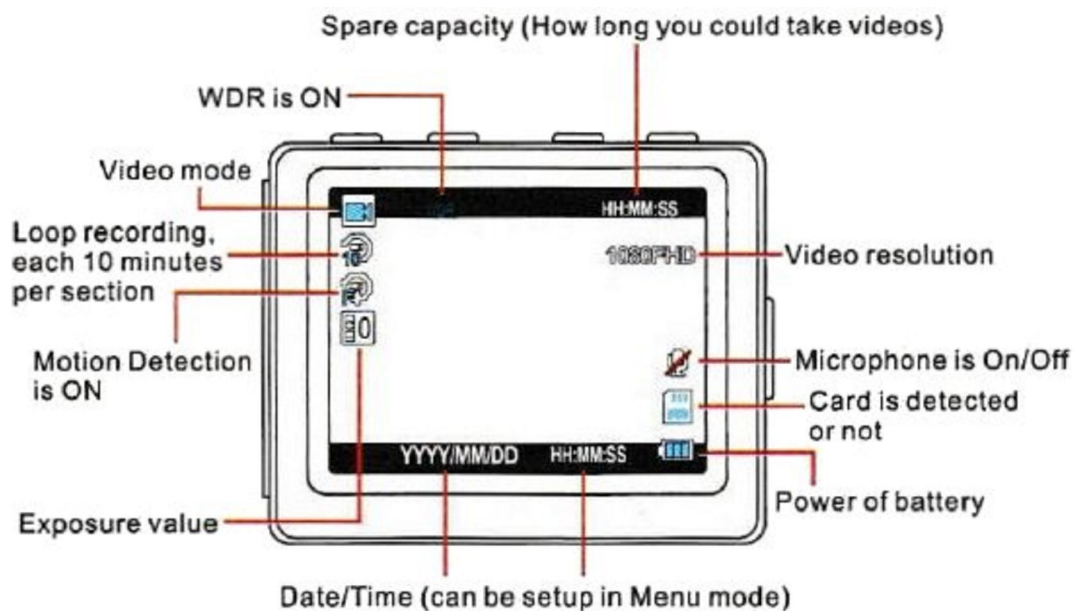
## To Record

1. Turn on the camera and into Standby Mode.
2. Press  button shortly, Green indicator 1 flashes, and Recording icon is shown on LCD at the same time.
3. Press  button again, Green indicator1 stops flashing.

## Video Setup


Under Video mode, press the  button shortly to enter video specifications setup.

## Camera View Screen Icons





FEATURE	SETTINGS AVAILABLE
Resolution	1080 Full HD 1920x1080 @ 30fps 720P 1230 X 720 @ 60fps 720P 1230 X 720 @ 30fps WVGA 848 X 480 @ 60fps VGA 640 X 480 @ 60fps
Loop Recording	Off / 2 minutes / 3 minutes / 5 minutes / 10 minutes / 15 minutes / 20 minutes
WDR	On
Exposure	+2.0 +5/3 +4/3 +1.0 +2/3 +1/3 +0.0 -1/3 -2/3 -1.0 -4/3 15/3 -2.0
Motion Detection	On / Off
Recording Audio	On / Off
Date Stamp	On / Off
G Sensor	On / Off

## System Setup


Under video mode, press  Button twice shortly to enter system specifications setup.

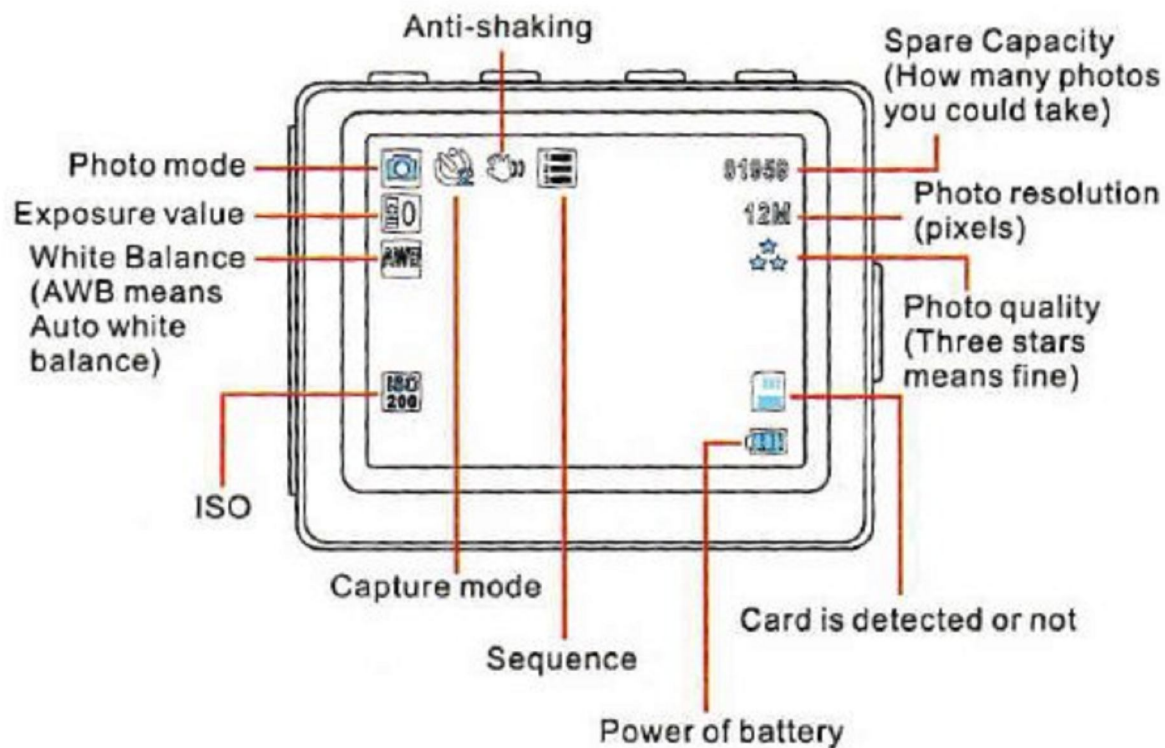
SYSTEM SETTING	SETTING OPTIONS
Date / Time	YYYY/MM/DD HH:MM:SS (Can be set by users)
Key Tone	On / Off
Language	English / French / Spanish / Portuguese / German / Italian / Simplified Chinese / Traditional Chinese / Russian / Japanese
AV Out	NTSC / PAL
Frequency	50Hz / 60Hz
Screen Saver	Off / 3 Minutes / 5 Minutes / 10 Minutes
Motor	On / Off
Format	SD Card
Default Setting	Cancel / OK
Version	Version 2014.0-122.01 (this may update further)

## Snapshot


1. Under video standby mode, press and hold the  button for 2 seconds, the Green indicator 1 turns off and then the camera enters Photo mode.
2. Press the  Button shortly, the Green indicator 1 flashes once, it means you already took photo and saved in memory card automatically.

## Photo Setup

Under Photo mode, press the  Button shortly to enter snapshot specifications setup.








OPTIONAL SETTING	SETTING MODES
Capture Mode	Single / 2S Timer / 5S Timer / 10S Timer
Resolution in Megapixels	12M / 10M / 8M / 5M / 3M / 2M HD / 1.3M VGA
Sequence	On / Off
Quality	Fine / Normal / Economy
Sharpness	Strong / Normal / Soft
White Balance	Auto/Daylight/Cloudy/Tungsten/Fluorescent
Colour	Colour / Black & White / Sepia
ISO	Auto / 100 / 200 / 400
Exposure	+2.0 +5/3 +4/3 +1.0 +2/3 +1/3 +0.0 -1/3 -2/3 -1.0 -4/3 15/3 -2.0
Anti-Shaking	On / Off
Date Stamp	On / Off

The system specifications can be also set by this mode, press the  button twice shortly to enter setting.





## Playback


### On The Camera

1. Under photo mode, press and hold the  button for 2 seconds to enter playback. The Green indicator 1 turns on and the LCD shows  icon.
2. Press the  and/or  buttons to select video / photo you recorded.
3. Press the  button shortly to play videos.

#### Please Note:





- When review recording files, press the  button shortly to enter Menu.
- Here are three options: Delete, Protect and Slide Show.
- Press the  Button again to exist.

### On The PC





1. Make sure the camera is off and keep the card in camera.
2. Connect camera to computer via USB cable we provided in package then the device turns on directly. Two options will be shown on LCD, Mass Storage and PC Camera.
3. Select Mass Storage then press the  button shortly, it shows "found new hardware" on the computer (**Note:** this will take up to 30 seconds).
4. Open "Removable Disc" on the computer, you will see your video and /or photo files. Please transfer to computer for playback. You can copy or delete the files from the card.
5. Safely remove hardware and then eject the disk, disconnect the camera from computer.

**TIP:** Or you can simply remove the Micro SD card and use a PC card reader to access or play the files.

## On The TV - HDMI Out

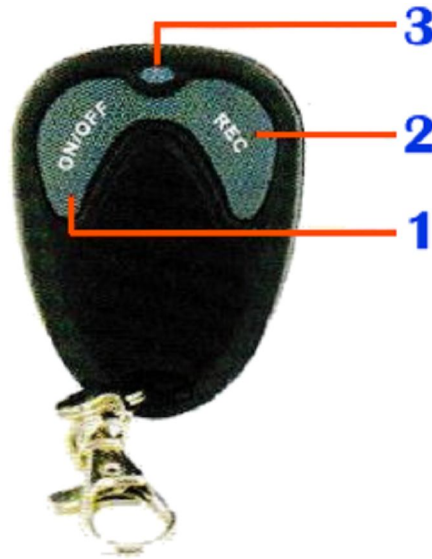
1. Open the connectors cover, connect the camera and TV with the HDMI cable (optional) provided.
2. Select correct "HDMI" mode on TV, turn on camera then press and hold the  button for playback mode, indicator 1 turns green.
3. Press the  and/or  buttons to select vide or photo you recorded.
4. Press the  button shortly to play videos.

## AV Out

1. Connect the camera to monitor or other display device via RCA cable (OEM) we provided.
2. Turn on the camera, the image will output real time.
3. Press and hold the  button into playback mode.
4. Press the  and/or  buttons to select video or photo you recorded.
5. Press the  button shortly to play videos.

## Remote Control

1. On / Off button
2. Record / Stop / Snapshot button
3. Indicator



### Remote Specifications

REMOTE SPECIFICATION	VALUE
Frequency	433 MHz
Transmission Range	Approx. 5 to 8 Meters
Colour	Black
Dimension	41 x 52 x 14 mm
Weight	22 grams
Battery	12 Volt Button Battery Stack
Working Voltage	DC 12V
Working Current	10 mA
Transmitted Power	$\geq 10$ mW

### Remote Operation

#### Turn On / Off

Press and hold the On/Off key on remote control for 2-3 seconds until the Green indicator 1 turns on, the camera is now powered on.

Press and hold the On/Off key on remote control for 2-3 seconds until the Green indicator 1 turns off, the camera is now powered off.

#### Record / Stop

Turn on the camera, wait 1-2 seconds until camera enter standby mode, press REC key on remote control shortly, the camera will record automatically.






Press REC key again, the camera will stop recording and save the files.

**NOTE:** You can switch the Photo mode on the camera then take photos by remote control in the same way.


## Charging The Camera

1. Connect the camera to your PC, Laptop or USB charger using the USB cable provided.
2. Once connected the indicator2 turns red on camera then flashes, the unit is charging now.
3. After around 3-4 hours, the red indicator stops flashing then turns off. It is full charged.
4. Disconnect the camera from your PC, Laptop or USB charger.

## Setting The Date And Time

1. Turn on the camera into standby mode.
2. Enter System setup, select Date/Time then press the  button to enter.
3. Use the  and/or  buttons to change numbers, use  button to confirm and skip to next.
4. Press the  button to exit.

## File Protection

Press the  button shortly while recording, now the file is protected. It will not be rewritten even the loop recording open. You could also protect some in cards when you review after recording.



## Optional Accessories



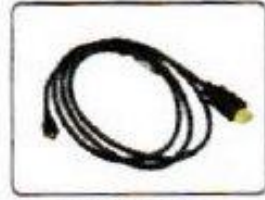
Basic Mount



Big Helmet Sticker



USB Cable



HDMI Cable



Handlebar Mount



Back Cover for Sound



Helmet Mount



Vertical Mount Kit



Curved Helmet Sticker



10 Pin USB Cable



Chest Band



Helmet Band+Mount



Car Mount



Car charger



Micro SD Card



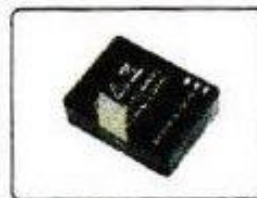
Surfboard Mount Sticker



Flat Pedestal



Front Cover of Camera



Battery



USB AC Adapter



Remote control



Case

## Trouble Shooting

Q1 : Camera does not record, what can I do?

A1 : Make sure your camera has power.

Check there is a micro SD card in slot, format it on camera.

Change another card for trying, suggest brand ones. Brands like Kingston.

Reset the camera (Open the front cover and remove the battery)

Q2: The remote control is not working, what can I do?

A2: Check if there is still power. When you press keys on remote control, the indicator should be **Blue**.

The battery pack can be changed when open the remote control by screwdriver.

Q3 : The camera cannot be charged, what shall I do'?

A3 : Try another USB cable or another charger.

Try to reset camera.

Change to another battery.

Q4 : How do I know the power is low?

A4 : The indicator 2 turns **red** and flashes quickly, the camera may turns off soon with buzzer and vibrator warning.

Q5: How do I know the card IS full?

A5: The camera will turn off with buzzer & vibrator warning.

Q6: The camera is hot while using or charging, is that normal?

A6: Yes, that is normal, not quality issue. Please do not worry.

Q7 : Why are the video and audio out of sync on PC?

A7 : Copy the video files to your computer then try again.

Make sure that the player is latest version and supports H.264 mov format video playing.

## Customer service

If you have any questions or suggestions, please contact us:

E-mail: [contactus@exiomtech.com](mailto:contactus@exiomtech.com)