



# MiniGadgets 2K Resolution Recording Watch User Manual

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## 2K Resolution Recording Watch User Manual

SKU: DVMWATCH2K



**Version 1.0**

## **THANK YOU FOR PURCHASING THE 2K RESOLUTION RECORDING WATCH**

Please read this manual before operating the camera and keep it handy.

Your purchase should include:

- 1 x Recording Watch
- 1 x Manual
- 1 x USB Cable

## **GET FAMILIAR WITH YOUR**



## **DVMWATCH2K HOW TO CHARGE THE CAMERA**

To charge the Watch you can:

1. Plug the camera into the USB port of your computer.
2. Plug the camera into a DC 5V adapter (not provided).

If the blue light is flashing while plugged in, this means that the Watch is charging. When the blue light stays on continuously, the camera is fully charged.

## **OPERATING THE CAMERA**

### **HOW TO TURN ON THE CAMERA**

1. Press and hold the function button on the top of the Watch until the blue indicator light turns on.
2. After a few seconds, the blue light will turn off, and a green light will flash several times then turn off. The camera is now recording video.

### **HOW TO ENTER STANDBY MODE**

1. The camera begins recording when powered on.
2. If you press the top function button while the Watch is recording, the current recording will be stopped, and the Watch will enter standby mode.

### **HOW TO TAKE PICTURES**

1. While the Watch is in standby mode, double click the top function button quickly.

2. The camera will enter photo mode, and the blue and green light will blink alternatively.
3. Press the top button once to take a picture, and the blue light will blink twice.
4. To leave photo mode, double click the function button quickly, and the blue light will come on steady indicating that the unit has returned to standby mode.

## HOW TO MAKE AUDIO ONLY RECORDINGS

1. While the Watch is in standby mode, click the top function button 3 times quickly.
2. The camera will enter audio mode, and the blue light will blink several times then turn off. The Watch is now recording audio.
3. To leave audio mode, click the function button 1 time, and the blue light will come on steady indicating that the unit has returned to standby mode.

## HOW TO RECORD MOTION DETECTION

1. While the Watch is in standby mode, click the top function button 4 times quickly.
2. The camera will enter motion detection recording mode, and the green light will blink. The Watch is now in motion detection mode.
3. To pause motion mode, press the function button 1 time, and the green light will stay on. To resume, press the button 1 more time, and it will blink green again.
4. To quit motion mode, click the top button 4 times quickly, and the blue light will come on steady indicating that the unit has returned to standby mode.

## AUTO POWER OFF

1. When the battery is low, the light will blink several times, and the unit will power off.
2. If no action is chosen when in standby mode, the camera will power off after 2 minutes.

## CHANGING YOUR DEVICE SETTINGS (INCLUDING THE DATE/TIME STAMP)

Your device comes with a Windows application for changing various settings including the date/time stamp. To access these settings:

1. Launch the "Powercam Setup" program in the root of the device's internal memory.
2. Once the application starts you can adjust the following:
  - a. Video quality
  - b. Video Resolution (1296p@30fps, 1080p@30fps, 720p@60fps, and 720p@30fps)
  - c. Turn the date/time stamp on or off
  - d. Optical source freq e. Color mode
3. When done, click the "Create Configuration File" button.
4. If you are on a mac and need to edit these settings you will need to do the following:
  - a. Open Finder
  - b. Go to the Applications folder
  - c. Open TextEdit

Copy the following information into the window:

```
VideoSize=0
VideoQuality=0
RecordWithAudio=0
EV=6
VideoClipTime=5
Color=0
AutoPowerOff=1
Flicker=0
TimeStamp=1
MotionSensitivity=3
TimeStampLogoTXT=Logo
DateTime=2017/03/07-16:35:51
delete=1
```

d. The following settings can be edited. Do not alter any other settings:

i. VideoSize

1. 0 = 1296p@30fps
2. 1 = 1080p@30fps
3. 2 = 720p@30fps
4. 3 = 720p@60fps

ii. VideoQuality

1. 0 = SuperFine
2. 1 = Fine

iii. RecordWithAudio

1. 0 = Audio recording on
2. 1 = Audio recording off

iv. VideoClipTime

1. Enter any number between 1-10. This will be the number of minutes the unit records before starting a new file.

v. TimeStamp

1. 1 = on
2. 3 = off

vi. DateTime

1. You may modify this to correct the date time stamp. Keep the format exactly as it is listed or the setting will fail.

e. When done save the file as a **plain** text file called usercfg.txt.

f. Eject the device from your computer and do a test recording to confirm the settings.

## RETRIEVE THE FILES TO YOUR PC

1. Plug the device into your computer's USB port.
2. Locate "Removable Disk" inside the (My) Computer folder.
  - AutoPlay Removable Disk > Open folder to view files



Or...

Go to Start > Computer > Removable Disk



3. Open the Removable Disk drive.
4. Open the appropriate folder.
5. Double click the file you want to view.
  - VLC Player is recommended for watching videos.

## TROUBLESHOOTING

### THE DEVICE WON'T TURN ON

- Make sure the device is fully charged.

### THE DEVICE HAS CRASHED/FROZEN

- Press the reset button one time.

### DEVICE CONTINUALLY RECORDS IN MOTION MODE

- Motion detection is measured by changing pixels during recording. Any kind of motion, including shifting shadows or changing lighting conditions, can set off motion detection.


## OTHER PROBLEMS

- Call our technical support at **770-694-6923**

## SPECIFICATIONS

<b>Video Resolution</b>	1296P, 1080P, 720P (30 or 60FPS)
<b>Video Format</b>	.MOV
<b>Frames per Second</b>	Up to 60 fps depending on resolution
<b>Vision Angle</b>	65°
<b>Battery Life</b>	60 Minutes
<b>Photo Resolution</b>	4352x3264
<b>Photo Format</b>	.JPG
<b>Type of Memory</b>	16GB Internal
<b>Recording Usage</b>	6GB ≈ 60 mins
<b>USB Interface</b>	2.0 USB
<b>Player Software</b>	VLC recommended
<b>Video Compression</b>	H.264

## Documents / Resources

	<a href="#">MiniGadgets 2K Resolution Recording Watch</a> [pdf] User Manual DVMWATCH2K, SPYSHOP, FlexiSpy, MGI Tech
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