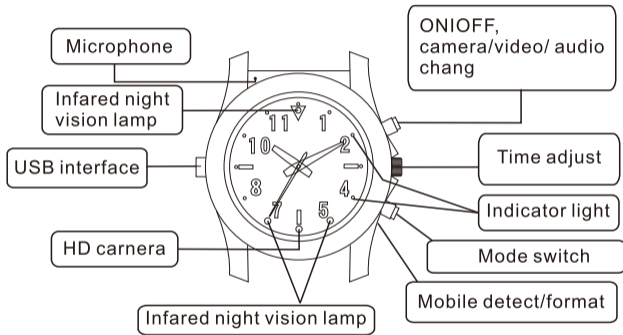


Digital Watch Recorder User Manual

(Infrared night vision watch for video, recording, photographing, and motion detection)

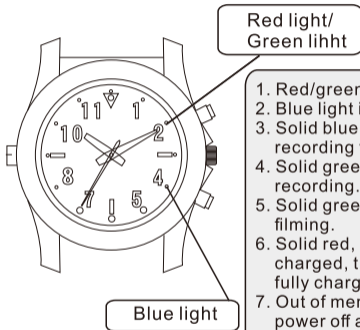


I. Introduction



The images are for reference only and subject to available products

II. Indicator Light Status:



Red light/
Green lihtt

Blue light

1. Red/green light indication: 2:00 AM/PM.
2. Blue light indication: 4:00 AM/PM.
3. Solid blue light: Standby status for recording videos.
4. Solid green light: Standby status for sound recording.
5. Solid green, blue light: Standby status for filming.
6. Solid red, blue light when charging: Being charged, the red light will be off after it is fully charged.
7. Out of memory (No memory card): It will power off after the blue light flickers for 5 seconds.
8. Low battery: It will power off after the red light flickers for 5 seconds.

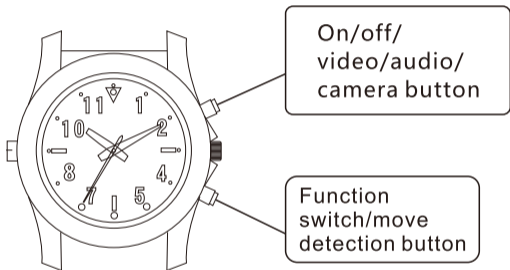
III. Operation Instructions:

1. Installing a memory card (the step is not required if it has an internal memory): Open the rear cover by rotating it anticlockwise, open the memory card cover after removing the battery properly; install the TF card on the card cover, screw up the rear cover clockwise after properly installing the battery.
2. Formatting memory card (For the first use of memory card or deleting the files in the card)



First of all, press and hold the format button to connect the USB cable with a charger or a computer. The solid red light means the watch is being formatted. The formatting is finished when the green light is solid.

IV. Functions:



Video

Press the On/Off button for 1 second

The blue light becomes solid and enters standby

Click the Start button to record a video.

The blue light flickers three times, meaning it will start recording a

Click the On/Off button and the blue light flickers once, meaning the recording is finished. Repeat the operation if you need to record a new video. (Video length: 10 minutes)

Audio

Shortly press the mode button to switch to the audio mode.

The green light becomes solid and standby, meaning it enters the audio mode.

Shortly press the start button to record an audio file.

The green light flickers three times, meaning it will start recording an audio file.

Click the On/Off button and the green light flickers once, meaning the recording is finished. Repeat the operation if you need to record a new audio file. (Audio length: 30 minutes)

Camera

Shortly press the mode button after power-on to switch to the camera mode.

The green and blue lights become solid and standby, meaning it enters the camera mode.

Shortly press the On/Off button to take photos.

The green and blue lights flicker once, meaning one photo is taken.

When the green and blue lights are on, continuously and shortly press the On/Off button to take photos constantly.

Motion detection

In the standby status of any function, press the switch button for over 2 seconds.

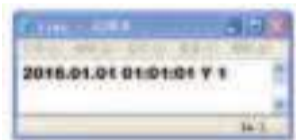
The red and blue lights flicker three times, meaning it enters the motion detection standby status.

The length of each video motion detection file is 30 seconds.

Shortly press the On/Off button to exit from the function, and it will enter the video standby mode (blue light).

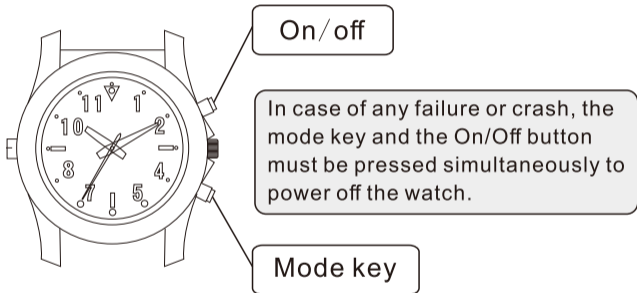
V. Changing Time/Time Watermark/Video Resolution:

Create a new Time.txt file on your computer; input the time/watermark/ resolution with spaces (attention); save the inputs and copy it to the root directory of the USB drive; the time can be modified after it is reset.



Setting description: 2016.01.01 01:01:01 Y 1
2016.01.01 01:01:01— Change it to current time
Y—Display watermark
N—Do not display watermark
1--1080P resolution: 1920*1080
2--720P resolution: 1280*720
3--VGA resolution: 640*480

VI. Resetting:



VII. Charging/Video Connection to Computer:



USB/
charging
connection
port

Open the USB waterproof nut to connect the USB cable with a power adapter or a power bank for simultaneous charging and operation; the red and blue lights are solid when it is charged, and the red light is off after it is fully charged. It can be used as a USB drive if the USB cable is connected to a PC, and the battery can be charged as well.

VIII. Related Technical Parameters

Item	Relevant parameters
Memory	(1GB-64GB)
Video format	AVI (time watermark can be set to display / do not display Y/N)
Photo format	JPG
Audio format	WAV
Video resolution	1920×1080 /1280*720/640*480 Set their own (1/2/3)
Photo resolution	4032×3024
Frame rate	About 30 frames per second
Mini illumination	10Lux (infrared light on opening night vision)
IR Switch	Automatic
USB type	Mini 8Pin/USB2.0
Supporting system	Windows me/2000/xp/Win7/2003/vista; Mac os10.4; Linux above

IX. Maintenance:

Battery: If the watch is not used for a long time, get it fully recharged before use. For safety, don't put it near a furnace or any heat source.

Operating temperature: 0 - 40°C. You'd better use it in room temperature to prolong the service life of the battery.

Operating humidity: 20% - 80%. The product is not waterproof (it is waterproof when MIC2 is used). Therefore, it cannot be placed in humid environment or work in water.

Camera lens: Don't expose the camera lens to strong light like sunlight to avoid damaging the optical equipment.

Cleaning: Use dry cloth to wipe the glass before filming. The glass is equipped with a transparent cover for protection. Remove the cover before using the camera.