

# **Fire Cam Mini HD**

## **User**

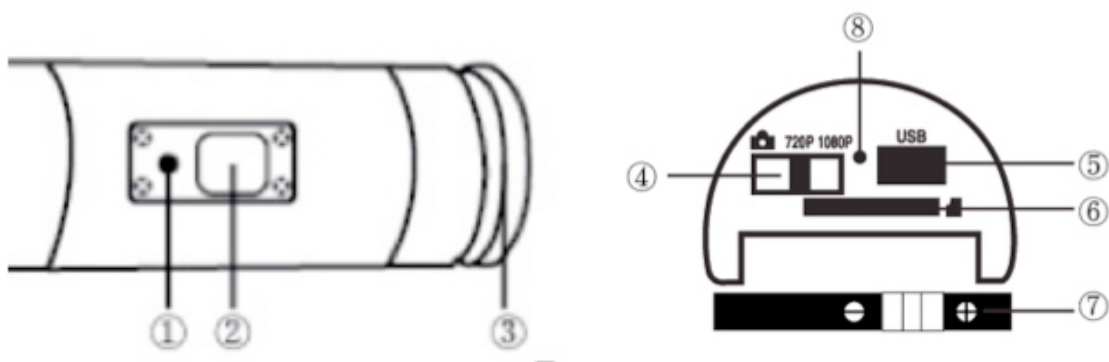
## **Manual**



**FIRE CAM**  
**FIRE AND POLICE CAMERAS**  
**[FIREVIDEO.NET](http://FIREVIDEO.NET)**







- ① LED      ② Power / Shutter      ③ Rear Cap      ④ Mode Switch
- ⑤ USB      ⑥ Micro SD Card Slot      ⑦ Battery      ⑧ Microphone

## Initial Set Up

1. Make sure the Fire Cam MINI HD is OFF before adding or removing the memory card.
2. Unscrew the rear cap (open) located at the back of the Fire Cam MINI HD ③.
3. Install a micro SD memory card CLASS 6 or 10 (max up to 32GB) into the rear slot. To insert the micro SD card, slide the micro SD card into the card slot on the back of the Fire Cam MINI HD with the card label facing down. The micro SD card will click into place once it is inserted past flush with the camera. Then screw on the rear cap.
4. If no micro SD memory is inserted in the Fire Cam MINI HD, the LED on top of the camera will blink red and green.
5. When using a micro SD memory card in the Fire Cam MINI HD, there should be no data from other devices on the card. If you are using a micro SD memory card for the first time in the Fire Cam MINI HD, you should format the card in your computer.



# Charging The Battery

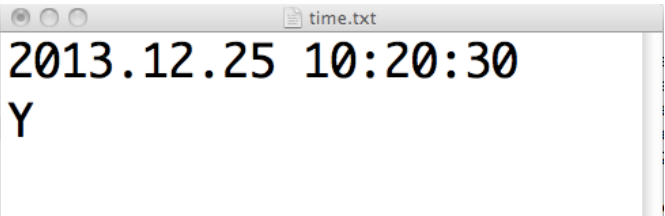
Unscrew the rear cap located at the rear of the camera ③ and Plug the USB charger to the camera. The blue light is on while charging, goes off when the battery is fully charged. You can record up to 90 minutes with one charge.

## Power on/off Your Fire Cam MINI HD

|                           |                                                                                                                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Turn OFF Fire Cam MINI HD | Turn on the Fire Cam MINI HD by pressing the Power/ Shutter button ② for at least 3 seconds until the green LED turns on. The camera will vibrate once. After releasing the button the red LED flashes twice, indicating that the Fire Cam MINI HD is ready and will automatically start recording. |
| Turn OFF Fire Cam MINI HD | Turn the Fire Cam MINI HD off by holding the Power/ Shutter button ② until the red LED flashes. The Fire Cam MINI HD will vibrate twice and will switch off.                                                                                                                                        |

## Date & Time Setting

Download the “time.txt” file from FireVideo.net



Open the file “time.txt” and change the date & time as follows:

(1) YYYY.MM.DD hh:mm:ss

Y = year

h = hour

M = month

m = minutes

D = day

s = second

(2) Y/N?

Y = show the date & time stamp on videos and photos

N = do not show the date & time stamp on videos and photos



Then copy the file to memory card. Now you can take a photo or video to test it.

**Remember to insert a micro SD card before you start taking videos or pictures!**

| Storage Chart |               |       |       |                    |         |          |
|---------------|---------------|-------|-------|--------------------|---------|----------|
| Mode          | Digital Photo |       |       | HD Video Recording |         |          |
|               | 8GB           | 16GB  | 32GB  | 8GB                | 16GB    | 32GB     |
| 720P          | 8640          | 17280 | 34560 | 30 mins            | 60 mins | 125 mins |
| 1080P         |               |       |       | 50 mins            | 95 mins | 200 mins |

### Take a Video

To take videos with the Fire Cam MINI HD, make sure that the Video/Photo switch ④ is set in the center for 720p or to the right for 1080p video mode. Turn on the Fire Cam MINI HD by pressing the Power button ②. The camera will automatically start recording and the red LED will blink while the video is recording. Press the Power/ Shutter button ② again to stop recording.



**Caution!**



### Take Still Pictures

To take still pictures with the Fire Cam MINI HD, make sure that the Video/Photo switch ④ is set to the left for photo mode. Turn on the Fire Cam MINI HD by pressing the Power button ②.

The camera will automatically start taking photos and the red LED will blink. Press the Power/Shutter button ② again to stop taking photos and to go back to the standby mode.



In photo mode the Fire Cam MINI HD will take photos every 3 seconds. It stops automatically if the battery is empty or if the micro SD card is full.

Alert: Please note that the camera can be stopped only when red LED is ON. When green LED is ON, it indicates that the file is saved onto the micro SD card and hence cannot be stopped at this stage.



## **Playback On Your Computer**

Unscrew the rear cap ③, power on the Fire Cam MINI HD, connect with your computer via USB cable from the USB port ⑤. The camera must be selected to the video mode (720p or 1080p). The camera will be recognized automatically as USB Device. Or you can take out the micro SD card and use your own card reader to connect with your computer too which would make transferring files faster than using the USB cable.

The device must be power on while connected with computer for data download. Don't remove the battery! The camera will be recognized as a storage device on PC only when mode switch is set to video. When you remove the battery while the video is playing, damage to your video data could occur!

## **On a MAC**

Simply plug the Fire Cam MINI HD into your MAC with the included USB cable, turn it on, and the MAC OS will recognize the the



camera as an external hard drive. Ensure that the camera is set to video mode before connection to MAC.



**IMPORTANT TIP FOR MAC USERS**

When deleting files from your Micro SD cards you must empty the trash before removing it or unplugging the Fire Cam MINI HD from your computer. If you do not empty your trash the photos and videos files will not be completely erased from your card and will remain there as ghost files.

| LED Status Table      | Green LED                   | Red LED  | Blue LED |
|-----------------------|-----------------------------|----------|----------|
| Standby               | On                          | Off      | Off      |
| Battery charging      | Off                         | Off      | On       |
| Taking Video          | On                          | Flashing | Off      |
| Taking Photo          | On                          | Flashing | Off      |
| Low battery           | Flashing                    | Off      | Off      |
| No micro SD card      | Asynchronous Flashing       |          | Off      |
| Micro SD card fill up | Speedy Synchronous Flashing |          | Off      |
| Data transfer         | Off                         | Flashing | On       |

**REMARKS:**  
**THE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTICE.**

**Removing/Installation Battery**

The battery is designed to have a very tight fix to maximize reliability in high vibration activities. To remove the battery, pull it out



with the battery holder. It is intentionally not easy to do, but the battery will come out.

Additional batteries and mount packages are available at [FireVideo.net](http://FireVideo.net)

## Technical Specifications

### Optics:

- WIDE ANGLE view
- f/2.4, fixed focus glass lens

### Video:

- HD Resolution Settings: 720p: 1280 x 720 @60fps  
1080p: 1920 x 1080 @30fps
- Sensor Type: 1 / 4" HD CMOS
- Light Sensitivity: 1.4 V/lux-sec (550nm)
- Video Format: MJPG codec, .AVI file format
- Exposure Control : Auto
- White Balance: Auto

### Audio:

- Built-in microphone

### Photo:

- Resolution: 2592 x 1944
- Format: JPEG
- Capture mode: Auto snapshot every 3 seconds

### Storage:

- Memory: Micro SD card, support Max up to 32GB capacity (recommended Class 6 or above)

Product size: 86 x 30 x 30 mm

Weight: 94g

Operating System (for USB drive):

Win ME, 2000, XP, Vista, Win 7, Win 8; Mac OS X 10.6+





### Mounting BlackJack Holder

With set screws loose, fit the BlackJack mount on the right or left brim of the fire helmet. It can be installed above the brim or below the brim depending on the view from your camera. Snug the 2 set screws on the brim BEING CAREFUL NOT TO OVER TIGHTEN. Place the camera inside of the BlackJack mount making sure the button is on the top and camera is level. Tighten down the set screw to hold the camera BEING CAREFUL NOT TO OVER TIGHTEN. If the set screw starts to make marks on the camera, this will not damage the integrity of the unit. A small piece of black tape can help limit the marks.

### WARRANTY / DISCLAIMER:

Abuse of Camera IS NOT covered under warranty. Fire Cam warrants its products against defects in material or workmanship for 12 months from date of purchase unless otherwise specified. The Fire Cam Mini HD and the Fire Cam 1080 Fire Helmet Cameras warranty are limited to the replacement or repair of the defective item at no charge if we determine the item to be defective. This warranty shall not apply to any item subject to misuse including such as failure by buyer to follow instructions, product modification, ordinary wear and tear, negligent or improper operation. Abuse of camera, cable or accessories IS NOT covered under the warranty. Fire Cam products are not recommended for concrete training



towers or flashover chambers where it could sustain high temps for long periods of time. Electronic damage due to over-voltage, incorrect polarity from product power supplies, or incorrect MAINS voltage is not covered under the warranty. **DO NOT USE ANY AFTERMARKET CHARGERS FOR YOUR CAMERAS.** Fire Cam chargers are designed specifically for Fire Cam's only. Modification, repair, or attempted repair by anyone other than Fire Cam or without the written permission of Fire Cam will void this warranty. This warranty covers the cost of factory repair, labor and parts on eligible equipment which is returned. Equipment, which is repaired under this warranty will be returned freight prepaid. If it is determined that the Fire Cam does not need repair, the purchaser shall pay for return shipping charges. Disclaimer: Fire Cam does not assume any responsibility for any accidents or injuries incurred to the user of the Fire Cam Fire Helmet Camera.

#### **WARNING!**

Firefighting is a dangerous activity and should only be performed by a trained professional. The end user of Fire Cam products assumes all responsibility connected with the use of this product including but not limited to continuing education, and activity that conforms to local Standard Operating Procedures. Neither the manufacturer nor any distributor assumes any liability for injuries sustained while using Fire Cam products. The Fire Cam® Fire Helmet Cameras™ are manufactured of anodized aluminum, and may retain heat for several minutes after being exposed to a heated environment such as a structure re or training re so it needs to be handled with care. The end user is responsible for installation consistent with the mounting instructions, as well as regular safety inspections of the BlackJack Holder and Fire Cam Fire Helmet Cameras. For further questions, please go to [www.FireCam.com](http://www.FireCam.com) under the "contact us" page.

#### **SHIPPING AND RETURNS:**

Orders within the United States are shipped by ground which takes 3-5 business days depending on your location in the US. We will make all efforts to ship your order within 2-3 business days of receipt. We do not ship on Saturdays and Sundays. All orders placed on Saturday and Sunday will be processed that following



Monday. During the holidays and Sundays, our order processing time may increase. Fire Cam charges sales tax for orders shipped to Illinois. Recipients of orders shipped to other states are responsible for complying with state and local tax laws. You will receive an emailed confirmation, if you provided it with your order. Fire Cam ships to PO boxes via USPS.

#### International Shipping:

We ship to the United States and most other Countries. For orders shipped outside of the United States, your order will be shipped via USPS standard mail. Delivery times vary by destination, most orders should arrive within 21 days of shipment. All payments are made in US Dollars. The order total does not include customs duties or international taxes. The customer is responsible for any non-US taxes or import duties which may be levied by local authorities. Please check your countries import and taxation policies before ordering.

#### Returns:

##### 3 REASONS FOR RETURNS:

1. Defective item.
2. Wrong item received.
3. Departmental policy that prevents use of the camera.

\*All returns must be authorized. \*

To receive authorization for a return, you must contact customer service at [www.FireCam.com](http://www.FireCam.com) under the Contact Us page to obtain a Return Authorization number known as an RA #. Upon approval, an RA form will be emailed which must be completed in full and returned with item(s). All returns that are not exchanged for another item can be refunded only within 14 days of the original purchase date and refund is subject to a 15% restocking fee and the item **MUST** be **UNUSED / NOT DAMAGED** and in the **ORIGINAL** box. If the requested items are not in stock by the time we process your RA, your credit card will be refunded for the value of the items returned to our warehouse to avoid further delay on your request. (in which case the 15% restocking fee will be waived).

Once you receive your RA #, you must ship the item(s) back within 7 business days to receive an exchange or the RA # will become



null and void. You will be responsible for the return shipping costs. We do not refund shipping costs on returns and or exchanges. Pack your item(s) in the original shipping box if possible and insure your package for the full value of merchandise and return it to us using the delivery service of your choice. We are not responsible for lost or damaged return packages. We will notify you via e-mail once your return has been processed.

Depending on where you purchased your Fire Cam®, some cameras may be covered under the "Fire Cam Damage" warranty throughout the warranty period. If your cameras components accidentally get damaged in a fire, you are covered for one FREE replacement. This warranty ONLY applies to customers who purchase directly from Fire Cam unless a distributor of Fire Cam otherwise specifies. Fire Cam products are not recommended for concrete training towers or flashover chambers where it could sustain high temps for long periods of time and this warranty will not apply to repeated abuse of the product. We are the ONLY Fire Helmet Camera™ manufacturer and the ONLY company that offers this type of warranty. Please go to [www.FireCam.com](http://www.FireCam.com) for more information.