Home**BlackBox**-**PRO**

USER MANUAL

CONTENTS

DIAGRAM
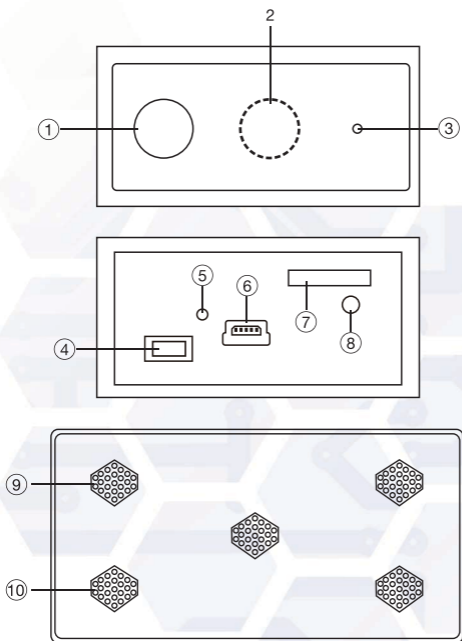
1. Motion sensor
2. Invisible night vision led
3. Camera
4. ON/OFF (For Wi-Fi Camera)
5. Wi-Fi/ Power indicator light
6. USB power port
7. Micro SD card slot
8. Reset Switch
9. Speaker
10. Microphone

MOBILE APP SETUP

1. Download the App

Search and download free APP named "**HDSmartIPC**" in Apple APP store, Google play or Electronic market, and install it.

HDSmartIPC

2. Power up the BlackBox

Connect one end of the power cord to the power port on the BlackBox ⑥ and the other end to an USB adpter AC adapter .

3. Turn on the BlackBox's WiFi

Slide out the cover and the flip the WiFi switch ④ on the BlackBox to the **ON** position. Wait about 1 minute for the device to start up. When ready the Wifi indicator light ⑤ will flash red/blue.

This section will guide you on connecting your smartphone to the BlackBox, and the BlackBox to your local Wi-Fi network**.**

4. Connect to the BlackBox's WiFi

Open your smartphone settings, search and connect the device's wireless signal name starting with the letters "AI...", wait for Wi-Fi to connect, and phone status bar shows the Wi-Fi symbol 📶 in blue.
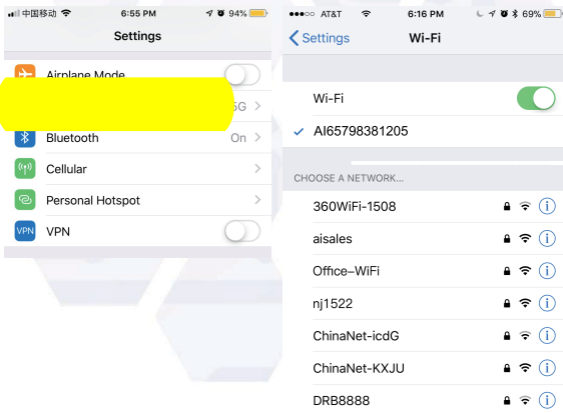
Enter the App, and the app will add just the connected camera automatically.
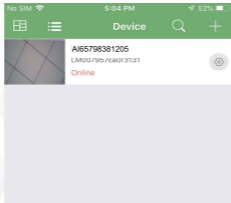
if you dont see any listed press the plus sign (+) to add a new camera. On the next screen hit **LAN search** device, then you will be shown a list of all detected cameras. You should see at least one. Hit **Add** to add the camera
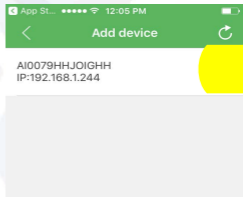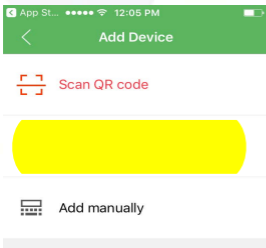
Back on the App's main screen you will see a video preview display of the added camera.

Press the gear ⚙ icon to open settings then select **Device settings**.

5. Connect the BlackBox to your local network

Select **Wi-Fi Config** (**Network configuration** on Andoid phones) then look for your local WiFi network name (**SSID**). You will be prompted for your local network **Password**. The App will now connect to the camera.

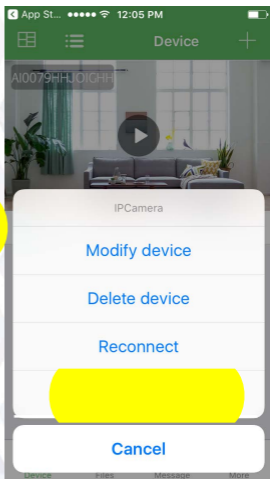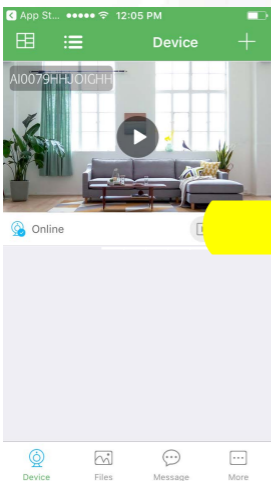| App St... ●●●●● 📶 12:05 PM	
‹ Device setting	
📝 Set name	AI0079HHJOIGHH ›
🔒 Set new password	›
	›
📷 Video config	Video ›
🐾 Motion alarm config	Close ›

App St... ●●●●● 📶 12:05 PM	
‹ Wi-Fi	🔄
CBCI-F9CC-2.4	
Rococo-2.4G	
ROCOCO-Guest	
Aspera	
307	
SBS	
xyzrobotics-guest	
xyzrobotics	
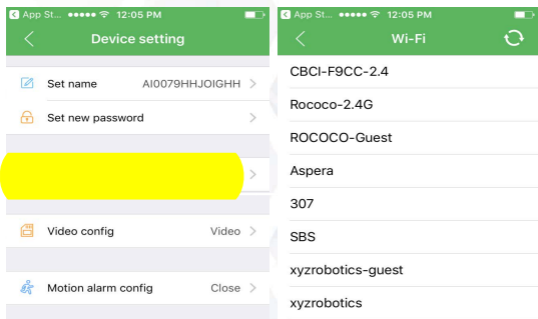
Quit and restart the App, and the device will start up with the WiFi connected within 30 seconds.

You can now go back to your phone settings as in page 7 and connect your phone back to your local network.

The app will now stream live videos from anywhere as long as your phone has internet access.

HDSmartIPC APP INTRODUCTION

Camera UID / Name

Camera status

Recorded videos in memory card

Camera setting

Files: Snapshots and Recorded videos

Message: Alarm messages (Please insert micro sd card to get alarm pictures)

LIVE PLAYBACK VIEW

Night vision on/off

Camera indicator on/off

Resolution（1080p/720p/640p/ ,1080p=Highest resolution）

Contrast

Brightness

12-02 17:05:41 Mon

Record

Snapshot

Flip video horizontally

Audio

Flip video vertically

ADVANCED APP FEATURES

No SIM 🛜	2:26 PM	🛜 13% 🔋
‹	Camera setting	

☑ Set name	Office ›
🔒 Set new password	›
🛜 Wi-Fi config	›
🎥 Video setting	Video ›
📶 Motion alarm config	Close ›
ⓘ Camera info	›
ⓘ Time stamp sync	›
🗑 Delete camera	›

Set name: Set camera name like, Office. Living room. Kids room...

Set new password: Set camera new password

Wi-Fi config: Set camera to other Wi-Fi

Video setting: Set SD card record mode / Resolution /File length …

Motion alarm config: Set motion detection sensitivity

Camera info: Camera ip address, Mac address, Reboot...

TIPS: Each setting in Device Settings, please scroll down and press ok to save the setting.

LOCAL MEMORY CARD RECORDING

Local recording allows for recording media to a MicroSD card installed in the BlackBox.
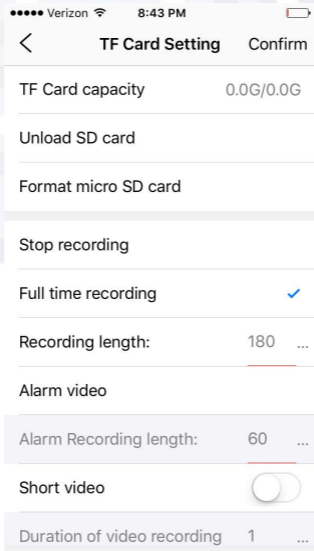
First, slide away the side cover, and install a MicroSD card in the card slot ❼. The card should go all the way in with a click.

Hit the gear icon ⚙ below the camera view to go into **Device settings** then select **MicroSD Card Config**, on Android phones look for **TF card set**.

●●●●● Verizon 🛜	8:43 PM ▭
‹ **TF Card Setting**	Confirm
TF Card capacity	0.0G/0.0G
Unload SD card	
Format micro SD card	
Stop recording	
Full time recording	✓
Recording length:	180 …
Alarm video	
Alarm Recording length:	60 …
Short video	⬤
Duration of video recording	1 …

Format SD card: this will wipe all media and files recorded on the MicroSD card

Stop record: no recording is done.

Fulltime recording: records indefinitely.

Alarm Recording: records when motion is detected. Note that motion activation needs to be set for this to work, please refer to Page 12.

Recording lengh refers to how long the video files will be segmented into. The BlackBox records video into file segments of up to 20 minutes in length.

ALARM NOTIFICATIONS

You can set it up so anytime motion is detected you will receive an alert on your phone, a snapshot will be taken and video will record onto the memory card.

Under **Device settings** choose set **Motion Alarm config** and set **Motion detection** to ON.

Alarm interval is the time it should continue to record after motion trigger.
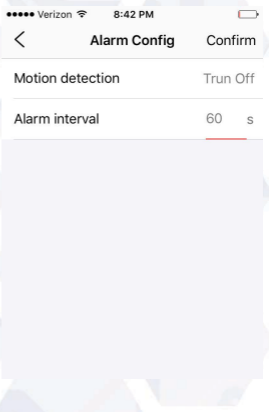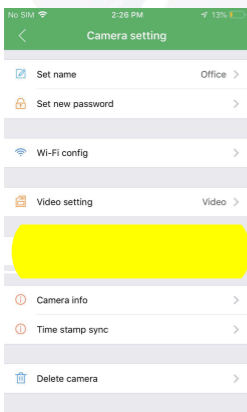
To record the video on Alarm, please refer to the previous section.

VIEWING RECRODED MEDIA

Playback with HDSmartIPC app

You can use the app to review the media recorded to the card; from the main menu, click on the "Files" icon on below the video preview, click on the "Message" category to view all motion activated recordings.
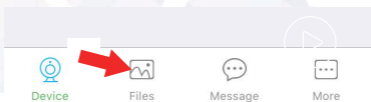
Playback from computer.

You can also connect the memory card to your computer and view it there. It will come up as a removable drive and all the files can be accessed by opening the folder.
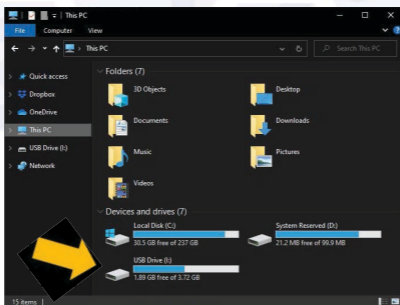
We recommend using the free VLC Media player to play back media in your computer. Download from **http://www.videolan.org**

CAMERA NAME & PASSWORD

Hit the gear icon ⚙ below the camera view, then select
Modify Device, you will be prompted to **Set name**, choose
a new camera name, then set the **Set new password.**

The Default (old) password is 8888. Enter your desired
password, and hit **OK.**
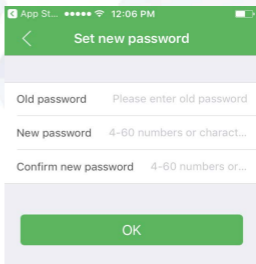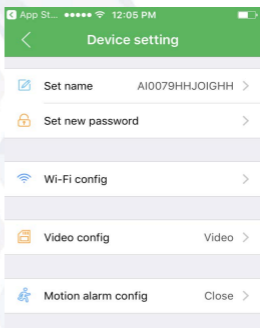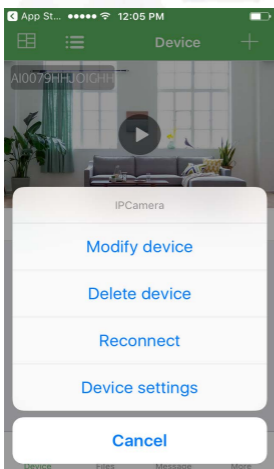
TROUBLESHOOTING

Most issues can be solved by formatting the memory card, restarting the BlackBox, or resetting the BlackBox's WiFi.

Formatting the memory:

WARNING: formatting the memory will wipe out all the recorded media previously stored.

Formatting the memory will clean up any file corruption that may exist preventing the device from operating correctly.

Restart the BlackBox

Restart the app, disconnect the power from the BlackBox, turn off the power ④ for about 30 seconds and wait 1 minute.

Reset the BlackBox's WiFi:

While the Wifi switch ④ is set to the ON position, using a paperclip or needle, press and hold the hidden reset switch ⑧ for about 10 seconds. You may need to remove the camera from the app, and add it again.

PRODUCT SPECIFICATIONS

Sensor	**2 Megapixel CMOS**
Video Resolution	**1920x1080**
Video Format	**H.264**
Frame Rate	**25 FPS**
Camera Angle	**90 Degrees**
Battery Capacity	**5000 ma**
Battery Time	**8-10 hours**
Charge Time	**10-15hours**
Max Memory	**128 GB**

Still Have Questions?

Do not return your camera

**For additional assistance contact
Zetronix Tech Support**

By Phone................................877-644-7592

By Email.................support@Zetronix.com

**Live Chat at Zetronix.com
9AM-5PM EST
Monday to Friday**

1 Year Limited Warranty

Zetronix Corporation ("Zetronix") warrants this product against defects in material or workmanship as follows: PRODUCT: Zetronix will repair this product with new or refurbished parts, free of charge, for a period of one (1) year from the date of original purchase in the event of a defect in materials or workmanship. REPAIRS: Zetronix will repair or replace defective parts used in the repair or replacement of this product with new or refurbished parts, free of charge, for a period equal to the remainder of the original limited warranty period on the original product, or for 60 days after the date of the repair or replacement, whichever is longer. This warranty is extended only to the original purchaser. Proof of purchase in the form of a bill of sale or receipted invoice, which is evidence that the unit is within the warranty period, must be presented to obtain warranty service. To obtain warranty service, you must take this product, or deliver the product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to Zetronix Corporation. See below for additional information. This warranty only covers failures due to defects in materials and workmanship, which occur during normal use.

The warranty does not cover damages, which occurred in shipment, cosmetic damage, damage that is attributable to acts of God, failures which are caused by products not supplied by the warrantor, or failures which result from accident, misuse, abuse, neglect, mishandling, faulty installation, misapplication, improper installation, operation or maintenance, alteration, modification, introduction of sand, humidity or liquids, line power surge, improper voltage supply, lightning damage, or subjecting the product to operating/environmental conditions in excess of the maximum values or below the minimum values set forth in the applicable specifications, or products serviced by anyone other than Zetronix. This warranty is invalid if the factory-applied serial number has been altered or removed from the product. This warranty does not cover products sold AS IS or WITH ALL FAULTS. This warranty excludes consumable parts such as batteries and power supplies. Zetronix Corporation ("Zetronix")

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The warranty does not cover damages, which occurred in shipment, cosmetic damage, damage that is attributable to acts of God, failures which are caused by products not supplied by the warrantor, or failures which result from accident, misuse, abuse, neglect, mishandling, faulty installation, misapplication, improper installation, operation or maintenance, alteration, modification, introduction of sand, humidity or liquids, line power surge, improper voltage supply, lightning damage, or subjecting the product to operating/environmental conditions in excess of the maximum values or below the minimum values set forth in the applicable specifications, or products serviced by anyone other than Zetronix. This warranty is invalid if the factory-applied serial number has been altered or removed from the product. This warranty does not cover products sold AS IS or WITH ALL FAULTS. This warranty excludes consumable parts such as batteries and power supplies.