

**COVERT**  
SCOUTING CAMERAS

**NBF30**



**Instruction Manual**

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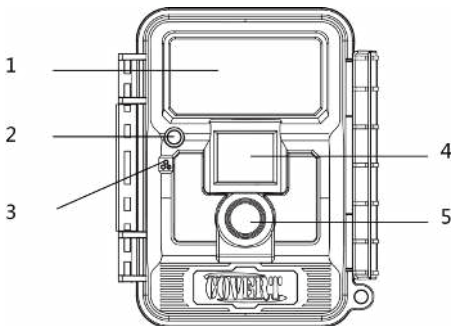
# 1 General Description

Congratulations on your purchase of your NBF30 Covert Scouting Camera. NBF30 is a powerful and reliable high-performance scouting camera.

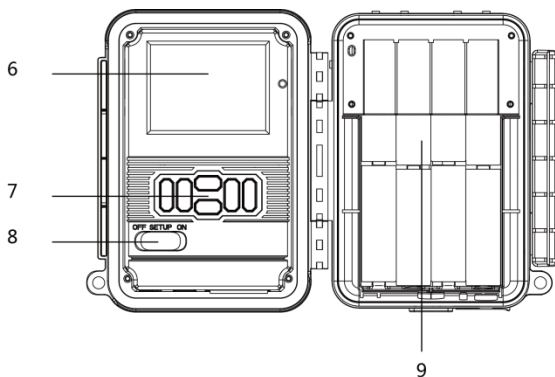
## Features:

- 30MP invisible IR camera;
- 0.22s trigger speed;
- HD resolution: 720P/1080P
- NO Glow black LEDs
- 2.4' Color screen
- SD card overwrite feature

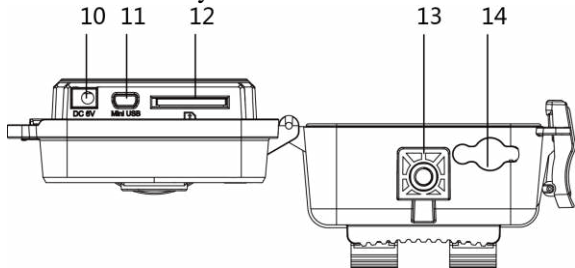
## 2 Camera Overview



1. IR Flash LEDs 2. Light Sensor 3. MIC  
4. PIR Sensor 5. Lens



6. LCD 7. Keyboard 8. Switch 9. Batteries



10. 6V Jack 11. USB 12. SD Slot 13. Standard  
Tripod Mount

## 2.1 Installing batteries

This camera can function on 8 AA batteries. Negative battery terminal always contacts the spring. To ensure maximum performance of the camera and prevent battery leakage, we recommend using new batteries.

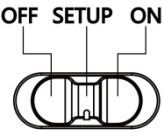
Note:

- **Do not mix different types of batteries**
- **Do not mix the old and new batteries**
- **Recommend high-density and high-performance batteries, such as Alkaline or Lithium batteries.**
- **Remove batteries when not in use to prevent leakage!**

## 2.2 Installing SD card

Always ensure that the camera is turned off before inserting a SD card. Insert a SD card (**up to 32G**) into the SD card slot with the label side facing upwards.

## 2.3 Power switch and buttons

<b>Buttons Instruction</b>	
	<p><b>OFF:</b> Power off (Please remove batteries when not in use) ;</p> <p><b>SETUP:</b> Setting the CAM;</p> <p><b>ON:</b> Working mode (the screen off).</p>
<b>MENU</b>	<ol style="list-style-type: none"><li>1. Enter to settings page.</li><li>2. Exit the settings page.</li><li>3. Enter album operation page.</li><li>4. Exit album operation page.</li><li>5. Stop the video and return to beginning.</li></ol>
<b>OK</b>	<ol style="list-style-type: none"><li>1. Enter to album.</li><li>2. Enlarge photo.</li><li>3. Play the video.</li><li>4. Pause the video.</li><li>5. Save settings.</li></ol>
▲	<ol style="list-style-type: none"><li>1. The cursor moves up.</li><li>2. Previous photo.</li><li>3. Menu Value Increase.</li></ol>
▼	<ol style="list-style-type: none"><li>1. The cursor moves down.</li><li>2. Next photo.</li></ol>

	3. Menu Value Decrease.
◀	1.Left selection
SHOT ▼	1. In main screen, press ▶ to take photo or video manually. (Click again to stop the video.) 2. Right selection. 3. Adjust the speed of video playing.

## 2.4 Setting map

MODE	
Camera Mode	Photo/Video/Photo+Video
PIR Interval	Off
	On
	00 min 05 sec- 59 min 59 sec
Time Lapse	Off
	On
	00 H 03 M 00 S- 23 H 59 M 59 S
PIR Sensitivity	Low/Normal/High
Flash Power	High/Low
Work Time	Off/On

**PIR Interval:** Allows you to customize how often the camera can be allowed to take a photo. This prevents the

card from filling up with too many redundant images.

**Time Lapse:** When choosing time lapse, the camera takes photos or videos even when it is not triggered by heat or motion. It's useful for constant monitoring of an area.

**Work Time:** If you only want your camera to be on during part of the day each day you can set the Work Time function. There are 2 groups of Work Time for each setting.

<b>PHOTO SETTINGS</b>	
Photo Size	2/5/8/18/30 MP
Photo Burst	1-10
Shutter Speed	1/15 Higher Flash Power
	1/20 Default Setting
	1/30 Reduces Motion Blur

**Photo Burst:** Your camera can take a 1-10 shot burst every time the PIR is triggered to take a photo.

<b>VIDEO SETTINGS</b>	
Video Size	720P/1080P
Video Length	10s-60s
Volume Rec	Off/On
Smart Video	Off/On



SYSTEM	
Set Clock	YY / MM / DD
	HH : MM
Time Format	12 HOUR
	24 HOUR
Camera Name	Rename Option
Time Stamp	Off/On
Password	Off
	On
	Password: 0 0 0 0
Auto PowerOff	Off/3m/5m/10m
Language	English
SD overwrite	Off/On
Format SD card	No/YES
Default	No/YES
System	FW Update
	FW Version

**Smart Video:** This feature will allow a daytime video clip to keep recording as long as the camera detects movement during filming. If the subject stands still in front of the camera and the camera does not detect movement, the camera will end the video clip at the designated time chosen in the setup menu.

**Camera Name:** Camera can be renamed with a max of 13 characters.

**Password:** Make sure you write down your password or save it to your mobile phone so you can access your camera if you ever forget your password.

## 3 Other operations

### 3.1 Viewing album

Make sure the **Selector switch** is set to **SETUP**. Press the **OK** button to enter album. You can use the ▲ and ▼ buttons to toggle through the photos and videos. Long press ▲ and ▼ buttons can toggle through photos and videos fast.

In photo screen, press the **OK** button to enlarge photo and press **MENU** to exit photo enlarging.

In the video screen, press **OK** button to play the video, use the ► button to adjust the speed of video playing, use the ◀ button to reverse playing the video, press **OK** button again to stop the video. Or you can press **MENU** button to exit video playing.

If you see photos or videos you want to delete, show the image on the screen and press the **MENU** button. You will get a screen that looks like below.



This option deletes the photos that are showing. Press the ▼ button to highlight the **Delete one** or **Delete all** option and press **OK**. Use the ▲ and ▼ button to navigate to **YES** and press **OK**. If you do not want to delete, press the **MENU** button again to exit. Or you can highlight the **Exit** and press **OK** to exit album.

### 3.2 Manually taking photos or video

Put the camera in Set-up mode by making sure the selector switch is in the **SETUP** position. If you are in the **MENU** mode, press **MENU** to go to the home screen. Depending on if you are in **VIDEO** or **CAMERA** mode, the following steps will vary. In **CAMERA** mode, to manually take a photo, press the ► button. You will notice the photo counter increase by 1. If you are in **VIDEO** mode, press the ► button to start the video and the ► again to stop the video. You will see the video

time counter on the screen when you first press the ►.

### 3.3 FW Update

Copy the new FW file onto the SD card, insert the SD card into your camera. Push the switch to SETUP. Press **MENU** into MENU mode, highlight **System** option and press **OK**, choosing **FW Update** option and press **OK** and choose **Yes** to update.

**NOTE:** When updating the firmware, please ensure your batteries have adequate charge.

### 3.4 Tricks and Tips/Trouble Shooting

- For best results, mount the camera approximately 4 feet off the ground facing straight forward as level as possible.
- To enhance the flash, we recommend positioning the camera in an area with a backdrop to reflect the maximum amount of light. For instance, place the camera 20-30' from a field edge facing the woods. For the inside of timber, positioning the camera facing a thicket approximately 20-30' away.
- Try to set the camera up so it's not facing directly into the sun either in the morning or the evening when game movement is at its peak.
- Use the Covert Tree60 mounting system to mount the camera up higher pointing down on them for a better look. Works great when you don't have a straight tree to attach to.  
[www.covertscoutingcameras.com](http://www.covertscoutingcameras.com)

**ISSUE:** Camera will not turn on.

#### **POSSIBLE PROBLEM:**

- No SD card in the card slot
- Corrupt SD card
- Batteries are too low to power up camera

- Make sure your SD card is not higher than 32GB

### **POSSIBLE SOLUTION:**

- Insert SD card in card slot
- Try a different SD card
- Install fresh batteries
- Install an SD card 32GB or less.

When turning switch from the setup position to the on position the screen goes black. It is supposed to do this.

If you are still having problems with your Viper Black after checking the above potential causes and solutions please contact Customer Service at 877-462-1799 or e-mail us at **support@dlccovert.com**

### **3.5 Covert Scouting Cameras Warranty:**

Covert Scouting Cameras warrants this product for a period of two years from the date of purchase. This warranty only covers manufacturer's defects and does not cover damage caused by misuse or abuse of the product. This warranty includes two- year repair or replacement service on product from date of purchase. If you have problems with this product, please do not

contact the store you purchased it from. Contact Covert Scouting Cameras Customer service toll free at 877-462-1799 or e-mail us at support@dlccovert.com. Proof of purchase will be required for replacement.

### **3.6 Covert Warranty Policy and Procedure:**

To receive repair or replacement by Covert Scouting Cameras two year warranty, we ask you to do the following:

**-All returns must have a Return Authorization (RA#) prior to sending in the camera.**

1. E-mail or call our customer service department.  
-support@dlccovert.com  
-toll free: 877-462-1799

Please explain to the technician what issues you are having with your camera.

2. If you are asked to return your camera to Covert Scouting Cameras, you will be responsible for the cost of shipping to Covert Scouting Cameras. In return, Covert will provide fast and exceptional service as well as incur the cost of shipping back to you. (Only within the Continental United States.)
3. Please include the following information when sending in your camera.  
-RA# on outside of package  
-Return address

- Telephone and Email address
  - Brief description of the problem
  - Copy of proof of purchase
4. Please make sure all the accessories are removed (i.e. SD Cards, batteries, solar panels, SIM cards, straps, ETC.) before shipping. All accessories received by Covert Scouting Cameras will NOT be returned.
  5. This warranty only covers manufactures' defects and does not cover damaged caused by misuse or abuse of the product.

### **3.7 Covert International Warranty Policy and Procedure:**

1. Outside the US, service is the available through the distributor/reseller of purchase.
2. All returns must have an RA# provided by Covert. Copy of Proof of Purchase is required for all returns.
3. Covert is not responsible for lost or damaged products incurred during the shipping process.
4. Insurance for returns is at the discretion of the customer. Additional charges apply for return shipping. In the maintenance of the product, Covert Scouting Cameras may use new or equivalent, to new parts, assemblies or products for equal or improved quality. All defective parts, assemblies, and products became the



property of Covert. Return and claims will be handled according to the current Covert Scouting Cameras, Inc. procedure.

These warranties shall not apply to any defect, failure or damage caused by improper use or improper or inadequate maintenance and care. Covert shall not be obligated under these warranties:

- a. To repair damage resulting from attempts by personnel other than Covert representatives to install, repair or service the product unless directed by a Covert representative.
- b. To repair damage, malfunction or degradation of performance resulting from improper use or connection to incompatible equipment or memory.
- c. To repair damage, malfunction, or degradation of performance caused by the use of non-Covert supplies or consumables or the use of Covert supplies not specified for use with this product.
- d. To repair an item that has been modified or integrated with other products when the effect of such modification or integration increases the time or difficulty of servicing the product or degrades performance or reliability.
- e. To perform user maintenance or cleaning or to repair damage, malfunction.

- f. To repair damage, malfunction or degradation of performance resulting from use of the product in an environment not meeting the operating specifications set forth in the user manual.
- g. To repair damage, malfunction or degradation of performance resulting from failure to properly prepare and transport the product as prescribed in published product materials
- h. Failure to register the product warranty within 10 days of purchase.**
- i. To replace items that have been refilled, are used up, abused, misused, or tampered with in any way.
- j. To install replacement items that are not considered customer replaceable.
- k. To support software not supplied by Covert
- l. To provide software or firmware updates or upgrades.

Any service identified in the above list and provided by Covert at the Customer's request shall be invoiced to the customer, at Covert's then current rates for parts, labor and shipping.

THE ABOVE WARRANTIES ARE GIVEN BY COVERT WITH RESPECT TO THIS PRODUCT AND ITS RELATED ITEMS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED. COVERT

AND ITS VENDORS DISCLAIM ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY SIMILAR STANDARD IMPOSED BY APPLICABLE LEGISLATION. COVERTS REponsibility TO REPAIR, REPLACE, FOR DEFECTIVE PRODUCTS AND RELATED ITEMS IS SOLE AND EXCLUSIVE REMEDY PROVIDED TO THE CUSTOMER FOR BREACH OF THESE WARRANTIES.

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TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT FOR THE OBLIGATIONS SPECIFICALLY SET FORTH IN THIS WARRANTY STATEMENT, IN NO EVENT SHALL COVERT AND ITS VENDORS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOSS OF PROFITS) WHETHER BASED ON CONTRACT, TORT, OR ANY OTHER LEGAL THEORY AND IRRESPECTIVE OF WHETHER COVERT OR THE VENDOR HAS

ADVANCE NOTICE OF THE POSSIBILITY OF SUCH DAMAGES.

## Appendix I : Technical Specifications

<b>Picture Resolution</b>	2/5/8/18/30MP
<b>Lens</b>	F/NO=2.8 FOV=65°
<b>IR-Flash</b>	100 feet
<b>Display Screen</b>	2.4' LCD
<b>Memory Card</b>	Up to 32GB
<b>Video Resolution</b>	720P, 1080P
<b>PIR Sensor</b>	Multi Zone
<b>PIR Sensitivity</b>	Adjustable
<b>Trigger Time</b>	0.22s
<b>Operation/Storage Tem.</b>	-4 - +140°F / -22 - +158°F
<b>Trigger Interval</b>	0s – 60 min.
<b>Time lapse</b>	00 H 03 M 00 S-23 H 59 M 59 S
<b>Photo Burst</b>	1–10
<b>Video Length</b>	10–60s
<b>Power Supply</b>	8AA
<b>Stand-by Current</b>	< 0.25 mA
<b>Low Battery Alert</b>	LED Indicator;
<b>Mounting</b>	Rope/Belt/Python lock
<b>Operation Humidity</b>	5% - 90%
<b>Security authentication</b>	FCC, CE, RoHS