



BC48 USER MANUAL

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Introduction

1.1 General Description

Thank you for choosing Bow Creek Outdoors BC48 Trail Camera. This camera is a digital trail camera. It is an infrared camera, triggered by any movement by a high sensitive Passive Infrared (PIR) motion sensor, and automatically captures pictures (up to 36MP) and video (1080P) video.

1.2 Key Features

1. Programmable 8MP/14MP/36MP high resolution
2. Support Full HD (1080P 30FPS) Video
3. Camera takes color pictures during daylight and black and white pictures at night
4. 48 Piece No Glow IR LEDs for flash range of 90 Ft.
5. Optimal operating temperature -4°F - 140°F
6. 2.3" Viewing screen to view photos and videos on the camera
7. Operates off of 8-12 AA Batteries
8. Extra long PIR – (100+ Ft.)
9. Adjustable PIR Sensitivity

1.3 Application

This camera can be used as an automatic surveillance for security or as a trail camera.

1.4 Cautions

1. The working voltage of the camera is 5-12V. The camera is supplied by the power adapter or 8AA/12AA batteries.
2. Install batteries according to shown polarity.
3. Insert the SD card before powering on the camera. The camera has no internal memory for saving images or videos and will not work without an SD Card.
4. Ensure the write protect switch is unlocked before inserting the SD card.
5. DO NOT insert or take out the SD card when the power switch is in the ON position.
6. It is best to format the SD Card any time you replace it. Failing to do this could result in the pictures not registering to the SD card.
7. In Set Up mode, the camera will shut down automatically after 3 minutes of inactivity. You will have to power off and power on the camera to restart the programming.

Camera Overview and Details

2.1 Camera Overview

Take a few moments to familiarize yourself with the camera controls and displays. It is helpful to bookmark this section and refer to it when reading through the rest of the manual.

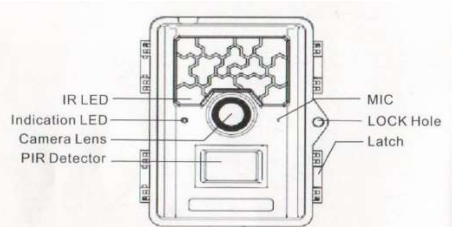


Figure 1 Diagram of camera functional indicators

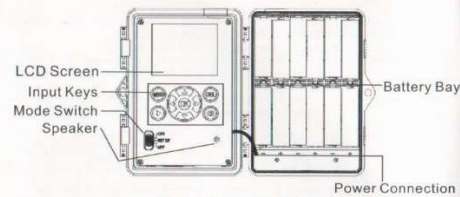


Figure 2 Inner panel view

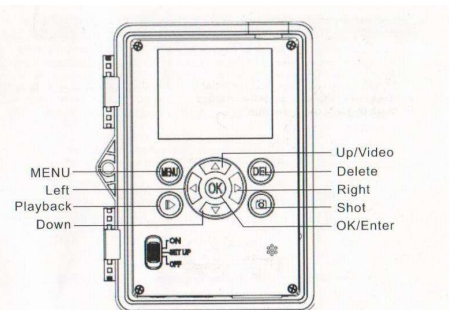


Figure 3 Diagram of Input Keys

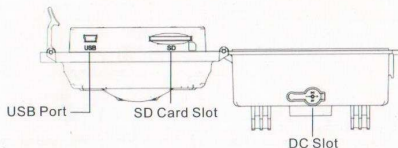


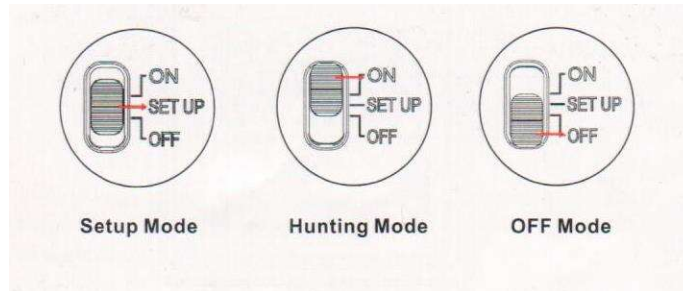
Figure 4 Diagram of camera interfaces

2.2 Mode Switch Introduction

Setup Mode: Slide the Mode Switch to “SET UP”. In this mode you can program the camera to playback the photos or video clips.

On: Slide the Mode Switch to “ON”. In this mode, when an object enters in to the field of view, the camera will take pictures or videos automatically. Once switched to “ON” position, the Red LED will flash for approximately 10-30 seconds in order for you to position your camera.

Off: Slide the Mode Switch to “Off”. This will turn the camera off.



Camera General Options

3.1 Power Supply

Use 12AA batteries. High-density and high performance alkaline or lithium batteries are recommended. A 5-12V external power supply and solar panel are supported. The battery can act as a backup for emergency use (5V support).

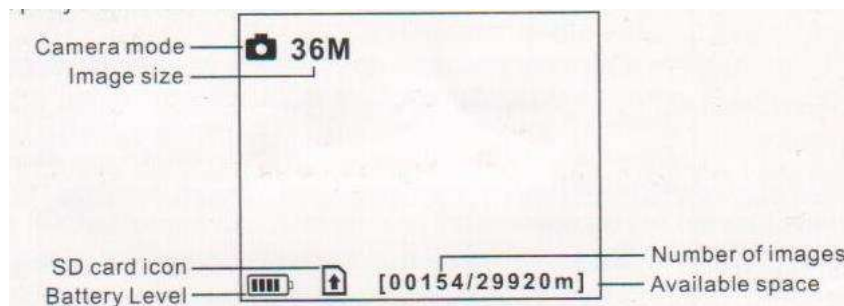
3.2 Insert SD Card

Make the card is unlocked when inserted.

3.3 Information Display

Slide the Mode Switch “SET UP”

When the camera is in SET UP mode the current settings will be displayed on screen.



3.4 Settings Menu

Press Menu under the viewing screen to enter the Menu settings. The settings menu will be shown on the LCD screen. Scroll up and down and left and right using the arrow keys to select your options. Press OK to save the settings.

3.4.1 Setting Categories

Menu Item	Description
Camera Mode	There are three camera modes: Photo, Video, and Pic+Video. In Pic+Video mode, the camera takes a picture first and then the video clip.
Photo Size	Choose the image size: 8MP (3264x2448), 14MP (4320x3240), or 36MP (7000x5250)
Video Size	Choose the video size: 1920x1080, 1280x720 or 640x480
Photo Burst	This selects the number of pictures (1-5 photos)
Video Length	5s to 180s video clips
Set Clock	Set time
Time Lapse	5 Minutes to 8 Hours – Time lapse means the camera can capture images or videos at a preset time interval regardless of whether motions are detected. Note: If the PIR Trigger is set to Off, then Time Lapse cannot be set to Off.
PIR Trigger	High/Normal/Low/Off Choose sensitivity of the PIR. The higher sensitivity will trigger the camera more easily triggered by motion and takes more pictures or records more videos. We recommend using Low or Medium in setting with more interference. Settings such as woods or thick areas where the camera distance is obstructed. We recommend High on field edges where the camera has the ability to trigger at a greater distance. For most situations we would recommend setting your camera at Normal .
PIR Interval	0-60 Min Optional This indicates how long the PIR will be disabled after each triggering in ON mode. During this time the PIR will not react to motion. The minimum interval is 0 seconds.
Work Hour	ON/OFF Select "ON" if you only want the camera to take pictures during certain hours of the day. When you select on, the option to select the beginning time and end time will display for you to choose the operating time.
Language	Choose your language
Beep Sound	Enable or disable the beep sound
Format SD	We recommend formatting the SD Card EVERY time you place a new card in the camera. Not doing so could lead to photos not being saved.
Default Set	Restore all settings back to the default values.
Version	Software version information.