



WINGSCAPES™

wingscapes.com | 888.811.WING



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This product is covered by one or more of the following US Patents: 6735387, 6768868, 6834162. Other patents pending.

WARNING! This product may contain lead, a chemical known to the state of California to cause cancer, birth defects and other reproductive harm.

BirdCam Pro® User's Guide

For Models:

WCB-00116 - BirdCam® Pro



WINGSCAPES®

Customer Support

Phone: 888.811.WING (9464)

Fax: 205.408.6157

Email: customerservice@wingscapes.com

Web: www.wingscapes.com/support

Address: Wingscapes
150 Industrial Road
Alabaster, AL 35007

Find Us Online

Photogallery: wingscapes.com/photogallery

YouTube: youtube.com/wingscapes

Blog: wingscapes.com/blog

Facebook: facebook.com/Wingscapes

Twitter: [@wingscapes](https://twitter.com/wingscapes) (or tweet with hashtags #birdcam or #plantcam)



Downloading & Viewing Images

There are a number of ways for you download and view the pictures, videos in the field or at another location.

Important

Make sure that the camera is in the OFF position before removing SD card.

Removing the SD Card

To remove the SD Memory Card, open the camera cover and push gently on the SD card and it will pop out slightly allowing you to remove it. Load the SD card into the player or card reader to view or move stored images to another location.



In the Field

You can download the pictures, videos, and time lapse pictures with the aid of external devices. To download, use an external player or card reader that is supported by 12V DC or Mini USB Jack.



At Home

Remove the entire camera and transport to another location to download images. To connect the camera to a PC computer, turn the camera ON, press the OK button once to change to SETUP Mode. Connect the USB cord (not included) between the USB out port and the PC computer. The computer will recognize the camera as a removable drive. The unit works with Windows XP/Vista/7. Copy the images and videos from the camera onto your PC for further editing or printing. When the USB cable is disconnected, the camera will go back to SETUP mode.



See the full line of Wingscapes camera accessories at www.wingscapes.com

Memory & Storage

Your camera supports external SD memory card ONLY and will accept up to a 32GB card. Using large memory cards can slow the camera response. The camera cannot capture any photo or video without external memory. Please insert an SD memory card to operate camera. Estimates are based on the most common types of memory cards that can be purchased at electronic stores, office supply stores, or online. Estimates may vary based on camera settings or environmental conditions.

Important

Always turn the unit off when inserting or removing an SD memory card to avoid damage and ensure that the camera properly updates the memory information.

Auto Mode		
SD Card Size:	2 GB	16 GB
MAX 3264 x 2448	900	7200
HIGH 2592 x 1944	1600	12800
WideHD 1920 x 1080	3650	29200
LOW 640 x 480	10900	87200
Video Mode		
SD Card Size:	2 GB	16 GB
AVI 640 x 480 (based on 10 sec video)	300	2400
AVI 640 x 480 (based on 20 sec video)	150	1200
AVI 640 x 480 (based on 30 sec video)	100	800

Actual capacity will vary based on image properties.

Warnings & Regulations

Wingscapes, a division of Plastic Research and Development Corporation
Birdcam PRO

FCC Statements

Note: changes and modifications not expressly approved by the party responsible could void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

NOTE: This device complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This product may not comply with California Proposition 65 standards, known to the state of California to cause birth defects or other reproductive harm.

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Introduction

Thank you for your purchase of the Wingscapes BirdCam PRO Camera.

Your BirdCam camera is a compact high performance digital camera that uses infrared detection. Your BirdCam uses an infrared detector to sense heat changes in the surrounding environment. When movement from a heat source such as people or animals is detected, the camera will trigger and take a picture or video clip. The BirdCam also features Time Lapse photography. It is a rugged camera that is an ideal tool for spotting animals. Please enjoy this quality product and follow these simple instructions, to keep your camera working properly and pay attention to the following care and caution information:

Important Care & Caution Information

- Do not attempt to open the camera for any unauthorized service. This will void the warranty.
- Keep the memory card out of the reach of children in order to avoid any risk of it being swallowed.
- When the camera is not in use, please remove the memory card and batteries.
- Please don't subject this camera to a strong shock or pressure. It can cause a loss in the weather resistant performance.
- Do not touch the lens with fingers. Use a soft lens cloth to clean lens.

Important Battery Information

- Only use Alkaline batteries. We recommend the use of Duracell or Energizer batteries.
- Do not mix old and new batteries. Always replace ALL the batteries at the same time.
- When the camera is not in use, please remove the batteries.

Wingscapes Limited Warranty

This product has been thoroughly tested and inspected before shipment. It is guaranteed from defects in material and workmanship from the date of purchase for 1 year. Under this limited guarantee, we agree to replace or repair free of charge, any part or parts which have been found to be defective in original material or workmanship. Should you require in-warranty service, call our Customer Service Department. If your problem cannot be addressed over the telephone, we may need you to send us your defective product, plus proof of purchase.

IMPORTANT:

You must activate your warranty online at: www.wingscapes.com/warranty to be covered.

Customer Service Contact Information

Our Service Department will gladly answer any questions you may have.

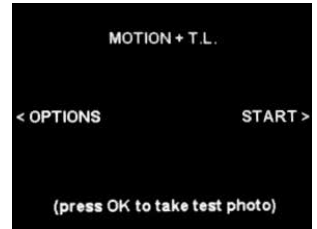
Call: Toll Free: (888) 811-9464
Address: WINGSCAPES • 150 Industrial Road • Alabaster, AL 35007
Hours: Monday - Friday 8:00am to 5:00pm CST
Register Online: www.wingscapes.com/warranty

SECTION 5 - MOTION+T.L.

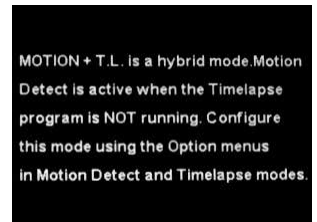
To enter the Motion+Timelapse mode, move the Rotary Dial to the MOTION+T.L. position.



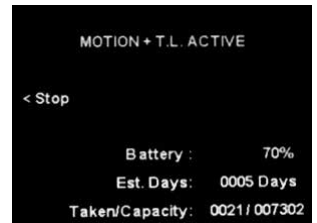
5.1 TEST PHOTO - Press OK button to take test photo with current settings. The display will show a countdown and then capture a photo. This photo will then appear on the display for review until the OK button is pressed again.



5.2 OPTIONS - Use the LEFT (<) button to move through the menu. MOTION+T.L. is a hybrid mode. Motion Detect is active when the Timelapse program is NOT running. Configure this mode using the Option menus in Motion Detect and Timelapse modes. Press LEFT (<) or RIGHT (>) buttons to go back MOTION+T.L. menu window.

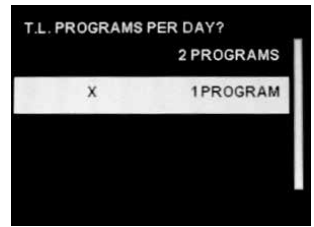


5.3 START - Use the RIGHT (>) button to move through the menu MOTION+T.L. ACTIVE window will appear in the TFT display. It will reflect Battery, Est Days, Taken/Capacity status. If there is no activity for several seconds (depending on Timelapse interval setting), the camera will automatically turn off the display to conserve power. Use the LEFT (<) buttons to STOP the action.



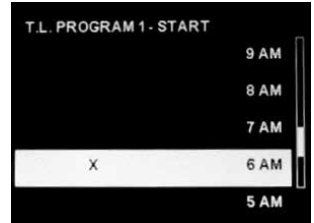
4.3.2 T.L.PROGRAMS PER DAY - Press LEFT (<) button.

Press (+) or (-) buttons to choose between 2 different settings: 2 programs and 1 program. Press the OK button to save changes.



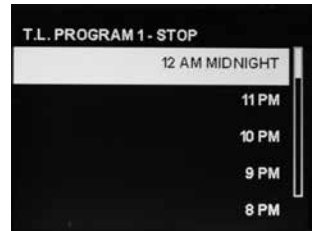
4.3.3 T.L.PROGRAMS 1-START - Press LEFT (<) button. Press

(+) or (-) buttons to choose between 24 different settings: 12am midnight, 11pm, 10pm, 9pm, 8pm, 7pm, 6pm, 5pm, 4pm, 3pm, 2pm, 1pm, 12pm noon, 11am, 10am, 9am, 8am, 7am, 6am, 5am, 4am, 3am, 2am, 1am. Press the OK button to save changes.



4.3.4 T.L.PROGRAMS 1-STOP - Press LEFT (<) button.

Press (+) or (-) buttons to choose between 24 different settings: 12am midnight, 11pm, 10pm, 9pm, 8pm, 7pm, 6pm, 5pm, 4pm, 3pm, 2pm, 1pm, 12pm noon, 11am, 10am, 9am, 8am, 7am, 6am, 5am, 4am, 3am, 2am, 1am. Press the OK button to save changes.



4.4 START - Use the RIGHT (>) button to move through the

menu. TIMELAPSE ACTIVE window will appear in the TFT display. It will reflect Battery, Est Days, Taken/Capacity status. If there is no activity for several seconds (depending on Timelapse interval setting), the camera will automatically turn off the display to conserve power. Use the LEFT (<) button to STOP the action.



Quick Start Guide

Use the steps below as a guide to quickly set up your camera so it will function using the factory default settings.

STEP 1

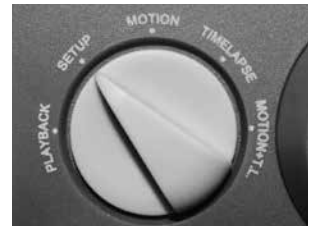
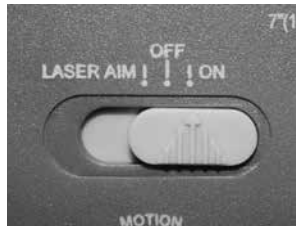
Open camera cover. Press the Battery Chamber Release button. Install 6 C-cell alkaline batteries. Recommended for use: Duracell® or Energizer® batteries. Reinsert the Battery Chamber into the camera until you hear an audible click. Rechargeable batteries are not recommended.

Do not use lithium batteries.



STEP 2

Insert SD Memory Card (label side up) until you hear an audible click. Camera will not operate without SD Card. Slide the power switch to ON. Move the Rotary Dial switch to the SETUP position and set the time and date by pressing the LEFT button until TIME/DATE appear on screen. Press OK to begin entering the Time and Date, using +/- buttons to adjust the values and LEFT/RIGHT to move between fields.



STEP 3

Mount Camera in desired location using a mounting strap or other accessories offered by Wingscapes (visit www.wingscapes.com for more information on mounting accessories). Switch the camera to Laser Aim by sliding the power switch to the corresponding position. Aim camera using laser projection to determine target location.



STEP 4

Slide the power switch to the ON position. Turn the Rotary Dial to the mode of operation desired and close the cover. The camera will operate using default settings for the respective mode selected. You may also customize the settings if desired. Press the Right (>) button to begin filming.



Mounting your BirdCam Pro



The key to taking great BirdCam Pro photos and videos is proper mounting and placement of the BirdCam Pro. One reason the BirdCam Pro captures such unique images is that it can be positioned very close to wild birds without frightening them. Most BirdCam photos are taken within three feet of their subjects. BirdCam users aim their BirdCams at a wide variety of targets: bird feeders, bird houses, nests, bird baths, common perches, etc. Accordingly, we designed the BirdCam Pro so that it can be mounted many different ways. Take a moment to learn more about mounting your BirdCam properly, and you will quickly see improvement in your images.

Basic Principles

1. Stability - Mount the BirdCam securely so that it does not move. It should never be hung from above or mounted to an object that moves in the wind. If the BirdCam is moving, it will cause the motion sensor to trigger incorrectly.

2. Focus - Note that the BirdCam Pro lens can be focused manually. This is a snap. Use the included measuring tape to measure the distance between the BirdCam Pro and its target. Set the lens accordingly.

3. Lighting - As with all cameras, it is best to avoid aiming the BirdCam at the source of light (for instance, the sun). Ideally during daytime, position the BirdCam Pro so it is facing its target, e.g. a bird feeder, but facing away from the sun.

On the Ground

For ground-loving birds, set up is simple. Just position your BirdCam directly on the ground. If you're concerned about it falling over, use the included Stretch Cords to secure the BirdCam to the base of a tree, a post, or other solid feature (a brick works great).

SECTION 4 - TIMELAPSE

To enter the TIMELAPSE mode, move the Rotary Dial to the TIMELAPSE position.

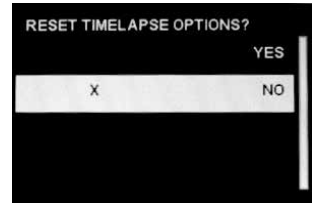


4.1 TEST PHOTO - Press OK button to take test photo with current settings. The display will show a countdown and then capture a photo. This photo will then appear on the display for review until the OK button is pressed again.



4.2 OPTIONS - Press the LEFT (<) button to enter the OPTIONS menu. Once in the OPTIONS Menu, Press LEFT (<) button to move between the option windows. To change the options, press, (+) or (-) to change the value, and LEFT (<) and RIGHT (>) buttons to move between fields. Press OK to confirm changes to the option.

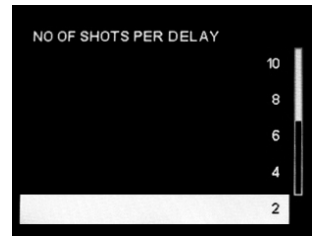
4.3 RESET TIMELAPSE OPTIONS - Select this option to reset Timelapse options to factory defaults.



4.3.1 TIMELAPSE INTERVAL - Press LEFT (<) button. Press (+) or (-) buttons to choose between 12 different settings: 24 hours, 12 hours, 6 hours, 3 hours, 1 hour, 30 min, 15 min, 10 min, 5 min, 1 min, 30 sec and 10 sec. Press the OK button to save changes.



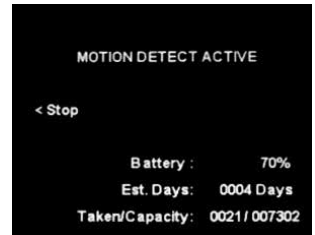
3.2.3 NO. OF SHOTS PER DELAY - Select the desired number of images to be captured per delay setting.



3.2.4 DETECTION DELAY - The photo delay determines the number of minutes between pictures when an animal is detected and remains in range.



3.3 START - Press the RIGHT (>) button to start capturing photos or videos with the motion detect mode. The MOTION DETECT ACTIVE window will appear in the display. This screen will show battery percentage, estimated days of battery life based on current settings, and number of images taken/capacity stored on SD card. If there is no button activity for several seconds, the camera will turn off the display to conserve power. Press the LEFT (<) button to Stop the MOTION DETECT mode and return to the MOTION DETECT start window.



Tripods

For very precise placement and aiming, no mounting method will beat a camera tripod. A standard threaded tripod mount ($\frac{1}{4}$ "-20) is embedded into the bottom and rear of the BirdCam Pro. This allows users to attach the BirdCam Pro to any tripod or any of thousands of 3rd-party camera mounting accessories – providing users with a world of creative opportunities through angle and height adjustment.



Mounting Strap

The BirdCam Pro comes with a Mounting Strap to facilitate mounting. You will find slots in the rear of the BirdCam Pro through which a strap can be threaded. Many users will tighten the BirdCam Pro to a tree, then wedge a stick or piece of bark between the BirdCam Pro and the tree to facilitate aiming.



Mounting Arm Accessories

Wingscapes offers two optional mounting accessories for the BirdCam Pro:

**BirdCam Mounting Arm
(WSBR01)**

and

**Outdoor Camera Mounting Bracket
(WSBR02)**

Both accessories allow you to easily mount the BirdCam to a common bird feeder pole, a post, a stake, a wall, or a tree. The primary difference between these two is that the BirdCam Mounting Arm is longer. Numerous angle settings and 360° rotation make these mounting arms one of the most versatile setup options.

Your Wingscapes BirdCam Pro offers nearly limitless mounting opportunities, allowing you to capture images of wildlife in practically any situation.

To read more about attracting birds to your feeder and BirdCam Pro, visit our website at www.wingscapes.com.



Default Settings

Factory Settings

SETUP MENU	DEFAULT
TAKE PHOTO, VIDEO OR BOTH:	PHOTO
PHOTO RESOLUTION:	WideHD 1920 x 1080
VIDEO LENGTH:	10 SECONDS
FLASH:	AUTO 50%
LIGHT SOURCE:	OTHER
IMPRINT INFO:	YES
DATE/TIME:	01/01/99 12:00am
CAMERA NAME:	BIRDCAM
RESET IMAGE NUMBERING:	NO
WIFI SD CARD:	NO
ERASE ALL MEMORY:	NO
UPGRADE FIRMWARE	NO

MOTION DETECT SETTINGS	DEFAULT
RESET MOTION DECTION OPTIONS:	NO
SENSITIVITY:	MEDIUM
NO. OF SHOTS PER DELAY:	4
DETECTION DELAY:	10 MINUTES

TIME LAPSE SETTINGS	DEFAULT
RESET TIMELAPSE OPTIONS:	NO
TIMELAPSE INTERVAL:	1 MIN
T.L. PROGRAMS PER DAY:	1 PROGRAM
T.L. PROGRAM 1-START:	6 AM
T.L. PROGRAM 1-STOP:	6PM

SECTION 3 - MOTION

To enter the MOTION DETECT mode, move the Rotary Dial to the MOTION position.

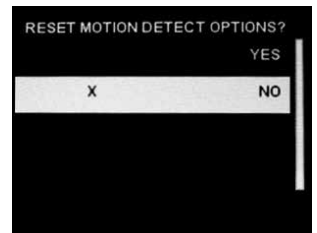


3.1 TEST PHOTO - Press OK button to take test photo with current settings. The display will show a countdown and then capture a photo. This photo will then appear on the display for review until the OK button is pressed again.

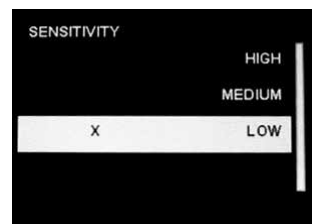


3.2 OPTIONS - Press the LEFT (<) button to enter the OPTIONS menu. Once in the OPTIONS Menu, Press LEFT (<) button to move between the option windows. To change the options, press (+) or (-) to change the value, and LEFT (<) and RIGHT (>) buttons to move between fields. Press OK to confirm changes to the option.

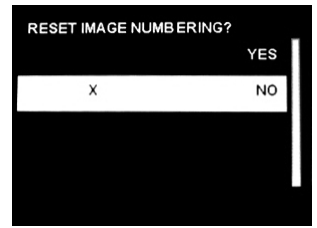
3.2.1 RESET MOTION DETECT OPTIONS - Select this option to reset Motion Detect options to factory defaults.



3.2.2 SENSITIVITY - Select desired sensitivity setting of the motion detection sensor. Higher settings will increase the number of images captured, but will be more subject to erroneous triggers.



2.2.9 RESET IMAGE NUMBERING - Use this option to reset the numbering of images back to 00000 when saving to the SD card.

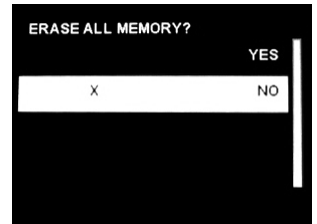


2.2.10 WIFI SD CARD - Select option when using a Wi-Fi enabled SD card. Turning this feature on will keep the SD port powered for a set amount of time to allow the files to transfer off the card to the Wi-fi network set up.

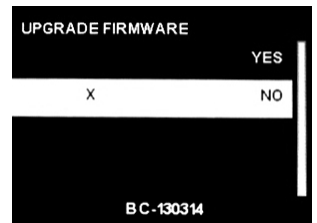


Note: Wingscapes does not offer technical support for Wi-Fi SD cards. Please contact your Wi-Fi card's manufacturer for support. Before use, you must setup your Wi-Fi SD card on your wireless network.

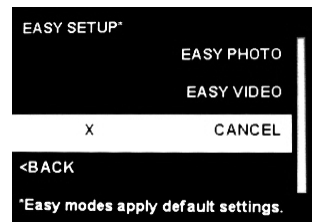
2.2.11 ERASE ALL MEMORY - Select option to delete all photos and videos from the SD card and format the card in the camera.



2.2.12 UPGRADE FIRMWARE - Only use this option when performing a required upgrade to the camera's firmware. Please contact customer service before performing any upgrades.



2.3 EASY SETUP - Press the RIGHT (>) button to enter the Easy Setup menu. The EASY SETUP window will appear on the display. Select desired option or select CANCEL to prevent making changes to the options. Press LEFT (<) button to back out of the Easy Setup menu and return to the CAMERA SETUP window.



Note: Selecting EASY SETUP options will reset your BirdCam Pro to the factory default settings.

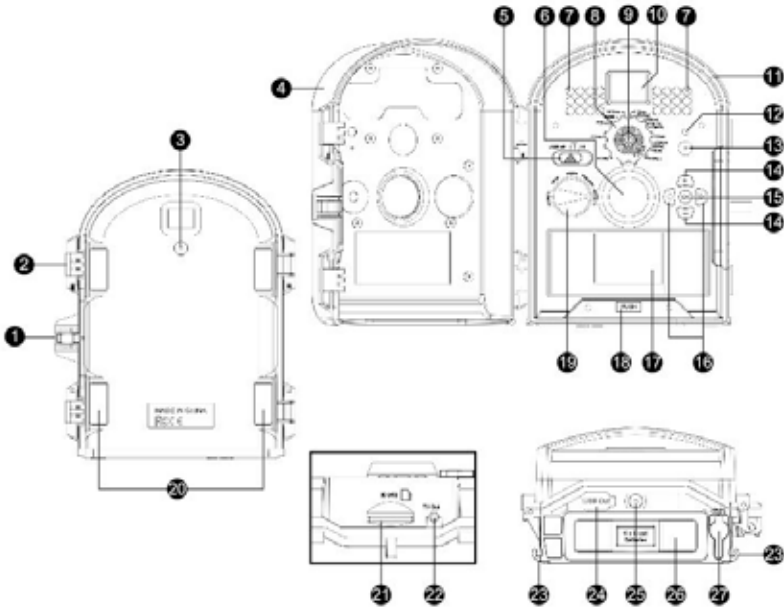
System Requirements

OS:	Microsoft® Windows® XP with Service Pack 2 or Service Pack 3 (recommended); Windows Vista® Home Premium, Business, Ultimate, or Enterprise with Service Pack 1; or Windows 7
Hard disk space:	100MB or above
CPU:	Intel® Pentium® 4 or AMD Athlon® 64 processor or above
Memory:	1GB of RAM

Specifications

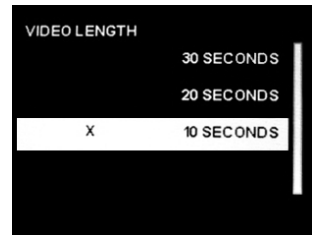
Operational Mode	Playback / Setup / Motion / Timelapse / Motion+T.L.
Resolution	8.0 MP
Still Resolutions	JPEG Low 640 x 480, WideHD 1920 x 1080, High 2592 x 1944, Max 3264 x 2448
Video Resolutions	AVI - 640 x 480 at 30FPS with audio on/off
Video Length	10, 20, 30 seconds (Night: 10 seconds)
Image Output	USB OUT, SD Card, TV Out, TFT Display
Housing	Weather-resistant and lockable
Display	Thin Film Transistor (TFT)
SD Memory Card	Up to 32 GB SD card (not included)
Format	JPEG - Still pictures, AVI - Video clips
USB Output	Requires PC / MS Windows XP / Vista / 7
Picture Delay	Variable 10 sec, 30 sec; 1, 5, 10, 30 mins; 1, 2, 6, 12 hrs
Time Lapse Interval	10 sec, 30 sec; 1, 5, 10, 15, 30 mins; 1, 3, 6, 12, 24 hrs
Time Lapse ON/OFF	2 Programs
Standby Time	300 Days
Run Time	180 days
Time Lapse Run Time	90 hours / (based on 30 seconds interval and 9 hours operation)
Focus	6" - Infinity
Infrared Sensor	Passive
Flash Type	24 LEDs
Flash Range	5' - 60'
Easy Read Bar	Moon Phase / Camera Name / Date / Time
Power Supply	6 C-Cell Alkaline batteries (not included)
External Power port	12V
Size	6.9" x 5.4" x 2.8"

Product Overview

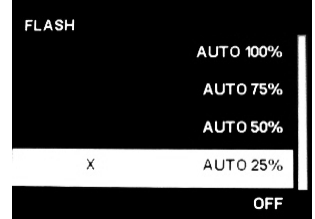


- | | | | |
|----|--------------------------|----|--------------------------------|
| 1 | Security Lock Hole | 15 | OK / Select Button |
| 2 | Cover Latch | 16 | Left / Right Buttons |
| 3 | Tree Mount Socket | 17 | TFT Display |
| 4 | Front Cover | 18 | Battery Chamber Release Button |
| 5 | Laser Aim / Power Switch | 19 | Rotary Dial |
| 6 | Infrared Sensor | 20 | Mounting Strap Slot |
| 7 | LED Flash | 21 | SD Card Slot |
| 8 | Focus Range Setting | 22 | TV Out |
| 9 | Lens | 23 | Cord Strain Relief |
| 10 | Viewfinder | 24 | USB Out Port |
| 11 | Water-Resistant Seal | 25 | Tripod Socket |
| 12 | Laser | 26 | Battery Chamber Holder |
| 13 | Microphone | 27 | 12V DC Power Port |
| 14 | Up / Down Buttons | | |

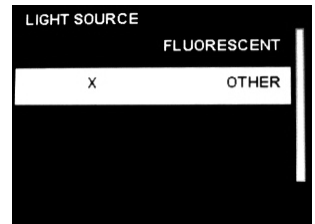
2.2.3 VIDEO LENGTH - Select length of video desired.



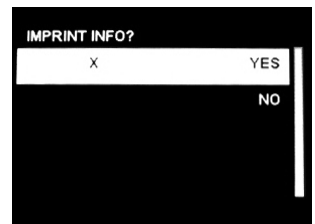
2.2.4 FLASH - Select flash level. OFF will prevent flash from firing, even at night. AUTO 100%-25% will allow the camera to flash the LEDs when capturing images in low light conditions with a maximum flash level (brightness) respective to the percentage of total flash power.



2.2.5 LIGHT SOURCE - Select light source option. Use Fluorescent when capturing images indoors under this lighting type as the camera will optimize the image sensor accordingly. For all other light types, including outdoor use, select OTHER.



2.2.6 IMPRINT INFO - Selection option to imprint info on strip on bottom of images, such as Time, Date and Camera Name



2.2.7 TIME/DATE - Use this option to set the current Time and Date.

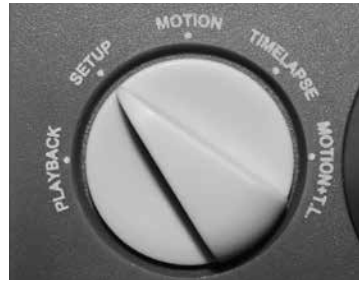


2.2.8 CAMERA NAME - Use this option to set a name for your camera.



SECTION 2 - SETUP

To enter the SETUP mode, move the Rotary Dial to the SETUP position.



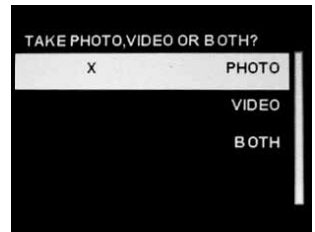
2.1 TEST PHOTO - Press OK button to take test photo with current settings. The display will show a countdown and then capture a photo. This photo will then appear on the display for review until the OK button is pressed again.



2.2 ADVANCED SETUP - Press the LEFT (<) button to enter the Advanced Setup options. Once in the Advanced Setup Menu, press LEFT (<) to move between the option windows. To change the options, press (+) or (-) to change the value, and LEFT (<) and RIGHT (>) to move between fields. Press OK to confirm changes to the option.



2.2.1 PHOTO, VIDEO, OR BOTH - Select option to capture a photo, video or both when camera is triggered.



2.2.2 PHOTO RESOLUTION - Select image resolution desired for photos.



Definitions

3 Tree Mount Socket

Is used to mount your camera to a tree or pole using tree mount, tripod accessory or Outdoor Camera Mounting Bracket (sold separately). Visit us at www.wingscapes.com for more information.

5 Laser Aim / Power Switch

This switch has two functions. It will assist in aiming your camera with the use of the laser diode. It will also turn the camera power ON and OFF.

6 Infrared Sensor

Detects motion and tells the camera when to activate using the preferences setup by the user.

7 LED Flash

In low light situations the LED flash will activate.

8 Focus Range Setting

Set focus carefully. Focus is especially critical at short distances. It is best to use a tape measure.

10 Viewfinder

Use this to aim the camera.

11 Water-Resistant Seal

Helps keep moisture out of the unit during wet conditions.

12 Laser

Use this to aim the camera.

13 Microphone

For recording sound when video option is selected.

14 Up / Down Buttons

The up or down buttons are used to move up or down to change the values for each setting.

15 OK / Select Button

Used to select the settings for the camera.

16 Left / Right Buttons

Used to move forward or backward when changing the values of the settings or moving to the next setting or field.

17 TFT Display

Shows important operational information such as battery level, picture count, camera features and setting options and image review.

18 Battery Chamber Release Button

Press the button to release the battery holder.

19 Rotary Dial

Depending on the position of the dial, there are 5 possible functions: PLAYBACK, SETUP, MOTION, TIMELAPSE, MOTION+T.L.

21 SD Card Slot

Will accept SD cards up to 32 GB. To extract SD card, gently push the card inward and let go. The card should pop out enough to remove. Camera should be powered down when installing and removing SD Card.

22 TV Out

Is used to view stored pictures or videos on an external monitor.

24 USB Out Port

Is used to connect your camera to a computer or external device to download, view, or delete pictures and videos off the camera.

25 Tripod Socket

Used to mount your camera to a tripod when necessary (sold separately). Visit us at www.wingscapes.com for more information.

26 Battery Chamber

Used to store batteries. Note: make sure that your (+ or -) polarities match the polarities indicated inside the battery chamber.

27 12V DC Power Port

Used to connect an external power source. Accepts Wingscapes accessories. Visit us at www.wingscapes.com for more information. Unapproved power sources may damage the camera and void the Manufacturer's Warranty.

Camera Setup

Battery Installation

Make sure the Power switch is in the OFF position. Open the camera cover. Press the Battery Chamber Release button. Install 6 C-Cell Alkaline batteries. Make sure that the (+ and -) polarities match the polarities indicated inside the battery chamber holder. Reinsert the Battery Chamber into the camera until you hear an audible click.

Note: Anytime you load or unload batteries, make sure that the camera is OFF.

Warning: If using 12V DC Camera Power Adapter, do not remove internal batteries.

DO NOT use lithium batteries.



Insert SD Card

Camera needs to be powered off when installing and removing SD card. You will need to open the front cover to insert an SD memory card. You can insert an SD Card up to 32 GB. Insert the SD Card in the direction indicated on the card, until you hear an audible click.

Note: Camera will not operate without an SD memory card installed.



Power ON

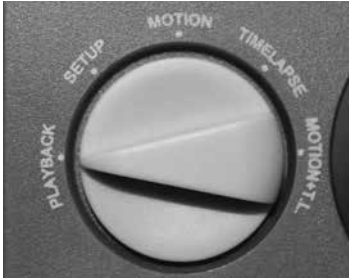
Slide the Power Switch to the ON position. The display will show the current mode selected by the Rotary Dial. Choose the mode by rotating the dial between the options (PLAYBACK, SETUP, MOTION, TIMELAPSE, and MOTION+T.L.) to make changes to settings or operate the camera in the different modes.



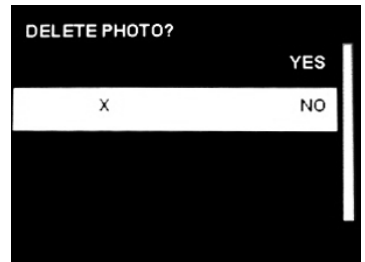
Setup and Programming

SECTION 1 - PLAYBACK

1.1 Turn POWER ON - Turn the Rotary Dial to the PLAYBACK position. The display will show the most recent photo.



1.2 Press (-) button DELETE PHOTO? Window will appear on the display. Press (+) or (-) buttons to choose between Yes or No and OK button to execute the action.



1.3 Press (+) button and selection window will appear in the TFT display. Press (+) to play Video. Press (-) to Delete File. Press (<) to go to Previous. Press (>) to go to the Next option. Press OK go to Single/Matrix View window.

