



INSTRUCTION MANUAL



PHOTO MODES



Photo



Video



PLEASE READ CAREFULLY BEFORE USE

Additional Information on this product and answers to frequently asked questions can be found at www.primos.com

CLEANING CAMERA: Do not use window or any chemical cleaner to clean any part of the camera - especially the LED array as it will remove camo/black coating on the filter. Only use water dampened cloth and wipe gently.

DO NOT COVER UP PIR LED LIGHT ON THE FRONT OF THE CAMERA HOUSING. This light also detects light conditions for camera exposure. Use this light to verify PIR sensor activity after installing on tree. After 3 minutes in active state, the camera will no longer illuminate this LED for ultimate stealth during operation.

IMPORTANT

For your protection, please carefully read these warnings, precautions and safety/operating instructions completely before operating this product. Follow these instructions closely and keep this manual for future reference.

WARNING

To reduce the risk of fire, electrical shock or product damage/failure,

- Do not expose unit with the battery door open to rain, moisture, dripping or splashing. Do not open or close the battery door with wet hand. Completely wipe off water on unit and door before opening.
- Do not lay product on moist ground or submerge in water (this unit is designed for upright outdoor use).
- DO NOT OPEN CASE HOUSING. UNINSULATED, 'DANGEROUS VOLTAGE' WITHIN PRODUCTS ENCLOSURE. DO NOT REMOVE HOUSING COVER. THERE ARE NO USER - SERVICEABLE PARTS INSIDE, REFER SERVICING TO PRIMOS® CUSTOMER SERVICE.
- Only use batteries as specified in this user manual and install according to correct polarization. Failure to follow may result in leaking or exploding batteries, damage to product, fire or personal injury. Do not handle damaged or leaking batteries.
- Do not expose to extreme heat. Do not leave product and/or batteries exposed in direct sunlight inside a vehicle, or other contained environment for a long period of time.
- Only use accessories as recommended in this manual
- DO NOT install internal batteries and connect an external rechargeable battery at the same time. Failure to follow this warning may result in premature battery drain, leaking or exploding batteries, damage to product, fire or personal injury. Do not handle damaged or leaking batteries. TRUTH® CAM Ultra™ Battery Case is designed for use with the 8 AA internal batteries and is excluded from this warning.

CARE & CAUTION

- Transport and handle with care. Do not strongly shake, bump, hit, drop or otherwise cause impact to the product – can result in product malfunction or damage to key components. Additionally, damage to the case could result in imperfections to water-resistant properties.
- Take extra care when handling or using product in places with sand and dust. Sand, dust and foreign substances exposed to product, especially in extreme proportions, may result in poor speaker quality, damage to the external jacks or internal components and could cause malfunction of the product. If exposed to any of these elements, please carefully wipe off completely before continued use.

MODIFICATION WARNING

You are cautioned that any changes or modifications not expressly approved in this manual could void your warranty of this equipment.

OPERATING TEMPERATURE

- Recommended storage temperature range -10°F to 140°F
- Recommended operating temperature range 20°F to 120°F

WARNING

To avoid possible product damage and/or injury, NEVER INSTALL DIFFERENT TYPES OF BATTERIES in the product at the same time. Failure to follow may result in leaking or exploding batteries, damage to product, fire or personal injury. Do not handle damaged or leaking batteries.

QUESTIONS??

Feel free to contact Primos® Customer Service Team with any comments, questions, problems or return requests. Call (601) 879-9323 or e-mail service@primos.com.

INTRODUCTION



Thank you for choosing a Primos® TRUTH® Cam Ultra, we know you have choices and we appreciate you choosing us. Our goal at Primos® is to provide products for hunters that are reliable and "Simple to Use". This past year we have been honored by getting so much feedback from you our customers. The TRUTH® Cams are some of the most highly rated products within the Game Camera category. We appreciate the positive feedback as well as input on how to make our products even better.

This year we have made some major improvements to our TRUTH® Cams. All TRUTH® Cam Ultras utilize sliding switches that make setting up simple as possible. The NEW Early Detect has a 45° PIR sensor that picks up motion earlier, so you don't miss what is walking in front of your camera. HD Time Lapse images are saved as a 1280x960 video providing a turn key solution to seeing a days worth of images in just a few minutes. Camera will record audio when in Video Mode. We, like you, are always pushing to make our time afield more productive and fun. The TRUTH® Cam has all the features you want in a game camera that is " Ultra Simple To Use".

SIMPLE ***and*** ***RELIABLE***



Install Batteries



Install SD Memory Card



Simply Set The Date & Time



Slide Switch To Desired Setting
The Camera Will Automatically Enter
Active Standby Mode After 15
Seconds!

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BEFORE OPERATION

INCLUDED PARTS

1. Work Horse™ – (1)
2. 72” Tree Mounting Strap – (1)
3. Instruction Manual – (1)
4. Quick Reference Guide – (1)

NEEDED TO OPERATE

1. Eight (8) “AA” Alkaline, Lithium or Rechargeable Batteries
2. One or more SD Memory Cards
(Camera will support up to 32GB SD or SDHC Cards)
NOTE: If no SD Card is installed 'Add SD' will display on the initial menu screen
3. SD Memory Card Reader or other device to download media from SD Memory Card to Computer. (Many computers have SD Memory Card slot built-in)

SELECT SD CARD SIZE

The chart will allow you to see the approximate capacity of 2GB, 4GB, 8GB, 16GB & 32GB SD Memory Cards. This will help you decide which size SD Cards might be appropriate based on your desired camera mode.

Work Horse

SD Card Storage Capacity

Mode	Resolution	Avg. File Size	Media Type	2GB	4GB	8GB	16GB	32G
Photo	2048x1536	900 KB	Images	2200	4800	9600	19200	38400
Video	640x480	30 MB	Short Videos (30s)	67	134	268	536	1072

* Approximation - photo/video sizes are based on individual image details

CAMERA OPERATION

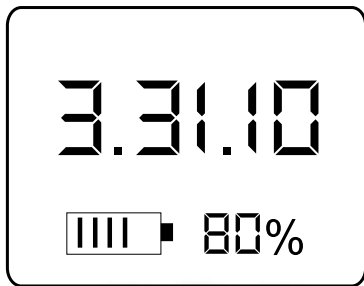
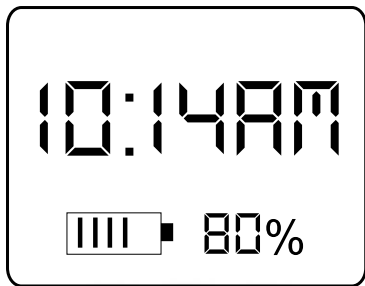
SETTING DATE & TIME

View Date or Time

With camera LCD screen ON, push ▲ or ▼ arrows to display date or time setting in the camera.

To Change Date or Time

With Date or Time setting on the LCD screen, press **OK** button to enter edit mode (setting should start to blink). Use ▲ or ▼ arrows to change the setting, pressing **OK** button to save.



SWITCH SETTINGS [MODE]

1. MODE SWITCH

Decide Which Capture Mode To Use

Photo

Captures 3MP resolution photos with motion detection. Your camera's photo capture resolution can be found in the Camera Specifications chart in the back of this manual. Photo is the most popular capture mode. Media Saved: JPEG Photos

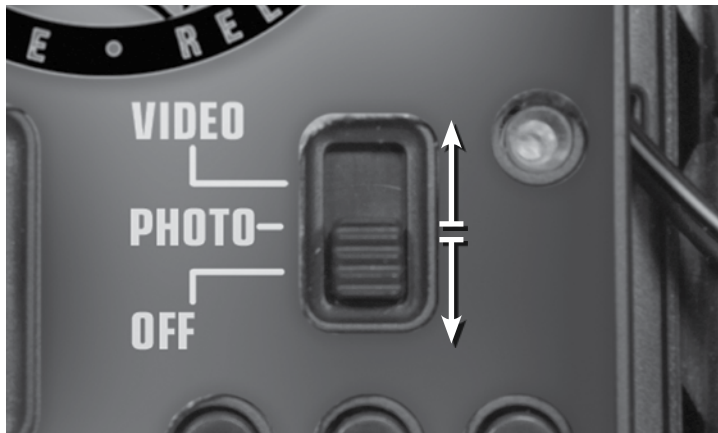
Video

Captures 640x480 resolution 30 second video clips with motion detection. Your camera's video capture resolution can be found in the Camera Specifications chart in the back of this manual. Video mode is less popular (night videos drain a lot of power resulting in shorter battery life). Media Saved: AVI Video Clips



SWITCH SETTINGS [MODE, SETTINGS & DELAY] CONT.

2. SETTING SWITCH



Photo

Takes one image each time motion is detected. (5 second delay)

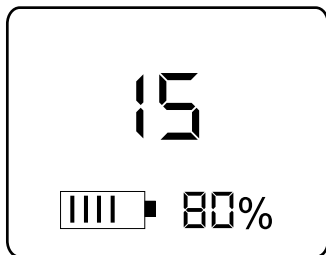
Video

Takes 30 second video clip each time motion is detected. (15 second delay between videos)

SWITCH SETTINGS [MODE, SETTINGS & DELAY] CONT.

CAMERA IS READY TO USE!

AFTER SETTING DATE & TIME and SIMPLY SLIDING SWITCH TO DESIRED SETTING, THE CAMERA WILL AUTOMATICALLY START A 15 SECOND COUNTDOWN. After the countdown, the camera is active standby mode and will record media according to the switch settings.



CAMERA FEATURES & OPTIONS

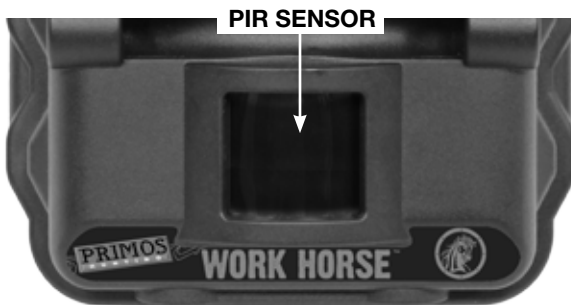
CAMERA IS READY TO USE - STANDBY MODE

When the camera is powered on, the LCD menu screen will automatically turn on. If menu is left inactive (no settings changed or button pushed) for 10 seconds, menu screen will start counting down from 15 seconds until it reaches Standby Mode.

After the 15 second countdown, the camera is active standby mode and ready to record media according to your switch settings.

AUTO CAMERA SENSITIVITY (PIR Sensing)

This camera is equipped with auto-adjusting Passive Infrared (PIR) Sensor. There is no need to worry about adjusting any settings for different climates or situations



STATUS INDICATION LIGHTS

RED LIGHT ***

(on front of camera)

Lights up when the camera detects motion. After you close camera door and are standing in front of the camera, visibility of this light is indication that your camera is ON and working.

TIP: Walk in front of the camera and look for the red light to illuminate when you are detected. You can do this to verify your camera is pointing in the correct direction.

****NEVER COVER THE RED LED LIGHT. This LED LIGHT also doubles as the camera's light sensor, which determines day or night operation.**

NOTE: This RED motion indicator LED will only illuminate for approx. 3 minutes after the camera enters standby mode.



GREEN LIGHT

(next to PWR button inside camera)

Lights up when the camera is capturing and recording media on the SD Memory Card. Also, the LCD screen will show 'PIC' during this process.

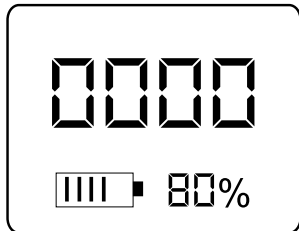
NOTE: Do not remove SD Memory Card when the green light is illuminated or blinking – this could cause you to lose all data on memory card!

NOTE: The LCD menu will not wake up from Power Saving Mode while the Green Status Light is illuminated/ LCD reads 'PIC'. Wait until after Green Light turns off and then press the OK BUTTON to wake up the LCD screen.



NUMBER OF FILES STORED ON SD CARD

The initial main LCD screen displays number of files '0000' stored on the SD Memory Card and the battery life. For example, '0015' would indicate that any combination of 'fifteen' photos, videos and/or time lapse videos are stored in the memory.



BATTERY LIFE

Long battery life is one of the most important requirements for convenient and enjoyable game camera use. There are several variables that will determine the battery life including type of batteries, temperature outside, recording settings, frequency of camera activity, etc. Colder temperatures, more advanced settings, night photos and high photo frequency will result in shorter battery life. Different brands of batteries may also perform better than others, so please experiment to find what works best for you. (NOTE: Capturing video clips uses more power and will result in shorter battery life than capture motion detected photos.)

EXAMPLES:

- Camera in standby mode with limited record activity may produce up to 1 year battery life.
- Camera with a lot of day activity in mild climate may produce tens of thousands of photos on one set of AA batteries.
- Setting the camera for video mode can greatly lower the battery life if videos are captured at night when iR LEDs are illuminated.

FORMATTING/CLEANING SD MEMORY CARD

If SD Memory Card has been used in any other devices, we recommend formatting before use in the Truth Cam. We also recommend reformatting the card every time the card is cleared of pictures. It only takes a few seconds and can avoid inconvenient corruption and compatibility issues that can result in loss of game pictures.

Formatting The SD Card Erases All images and Data.



NOTE: Primos recommends formatting all SD media on a computer after media has been copied to the computer and no longer needed on the SD media.

This removes all corrupted files or data artifacts that can cause potential media recording issues.

To Proceed With Formatting

1. Hold ▲ and ▼ arrow buttons together for 2 seconds
2. Format is complete when the display shows photo/video count "0000"

CAUTION: NO WARNING IS DISPLAYED WHEN HOLDING DOWN BOTH ARROW BUTTONS IN FORMATTING SD CARD PROCESS. THIS DELETES ALL PHOTOS, VIDEOS, AND ANY OTHER DATA ON THE SD CARD.

VIEWING/RETRIEVING MEDIA

Explore the methods for viewing recorded media on your camera SD Memory Card:

1. Remove SD Memory Card from slot in camera
2. Replace with separate, clean SD Card if you want camera to continue work.

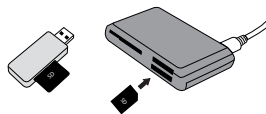
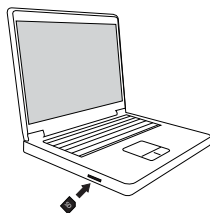
How To View Images/Videos

1. View images/videos with SD Card directly in computer.

If available you can view images/videos by inserting SD Card directly in SD memory card reader slot in computer

2. View images/videos with SD Card by attaching external USB memory card reader to your computer.

If your computer doesn't have an SD Card reader built in, you can view images/videos by attaching USB memory card reader to your computer.



USB PORTS

At this time, the USB port offers the following functions (USB cable not included):

1. PC CAMERA – Power on camera and then plug USB cable from camera into the computer
2. USB DRIVER – With camera power OFF plug USB cable from camera into the computer, then power the camera ON. In USB Driver mode you can review, copy and delete the media files/ data stored on the SD Memory Card in the camera.

NOTE: Keep rubber weather resistant cover/plug in place when the port is not in use to avoid damage.

IMAGE STAMP



PRIMOS  **08-28-2012 TUE 8:43:09 AM** **WORK HORSE™**

Moon Phase **Date** **Day** **Time**

CAMERA SPECIFICATIONS

Vendor Model #/Style #	63310
Camera Model	-- 3MP Game Camera
Shooting modes	Photos, Videos
Image sensor	1.3 MP Color COMS
Photo resolution settings	Large(2048x1536)
Photo burst settings	1
Video resolution settings	640x480(30fps)
Video length settings	30s
Sound Recording	No Audio
Time Lapse Video Resolution	N/A
PIR Delay	5s for Photo, 15s for Video
Lens	6mm f/2.4
Field of View	50°
Zoom	fixed
ISO sensitivity	100
Infrared Illumination	35 High-Output IR Emitters; Up to 40ft
PIR Sensor	Multi Zone
PIR Sensitivity	Auto, 45°
Trigger Time	1 Second
Removable Memory	up to 32 GB SD Card
System requirements (Windows)	Windows 2000, XP, Vista, Win7 or Win 8; USB port
System requirements (Mac)	Mac OS X 10.3 or later; USB port
Display	1.1" Character LCD
User Interface	Sliding Switch

Image Stamp	Moon Phase, 12 Hour US Time (AM/PM), Date, Day of the Week
Memory	SD Memory up to 32 GB card size (not included)
Mounting	Adjustable Webbing Strap with Buckle
Power requirements	8xAA Batteries (not included)
Standby Current	< 0.25 mA (<mAh/Day)
Power Consumption (12v Power in)	90mA (+800mA with IR)
Power Consumption	*SD Card Slot USB Jack*
Product height (in.)	2.5
Product width (in.)	4.25
Product length (in.)	5.25
Product weight (lb)	Approx 1.5lbs
Operation / Storage Temps	*Storage: -10°F to 140°F Operation: 20°F to 120°F*
Security Authentication	FCC, CE

OPERATION TIPS

Learning to use your TRUTH®Cam

Visiting www.primos.com and watching our Instructional Video Clips is the 'easiest way' to learn 'how to use' your TRUTH® Camera!

Troubleshooting or Questions

Before calling customer service, visit primos.zendesk.com to find troubleshooting tips, frequently asked questions and answers, as well as any updates

Waking Up LCD Menu

The LCD menu will not wake up while the Green Status Light is illuminated (LCD screen also reads 'PIC' at this time). Wait until after Green Light turns off / PIC disappears to WAKE up LCD screen by pressing the POWER button.

Camera Mounting Direction

The red status light illuminates when camera detects motion. To verify your camera is pointing in the correct direction, you can walk in front of the camera after it is setup and look for the red light to illuminate when you are detected – the camera will take pictures/videos when motion is detected according to your settings. The Truth® Cam 20/20 Mount makes mounting easier and allows photo capture from the angle of your choice (versus relying on the tree).

Camera Mounting Height

Generally 3ft from ground is normally good height to mount the camera, but depends on type of game and ground terrain. The Truth® Cam 20/20 Mount makes mounting easier and allows photo capture from the angle of your choice (versus relying on the tree).

Blurry Images

Primos® takes pride in the quality of images captured by the Truth® Cam. However, this is an outdoor product that will be constantly exposed to different/changing conditions that can affect the quality level. Blurry images typically result from objects causing interference between the camera and the intended focal point (game too close, brush, trees, etc). Blurry images may also be the result of direct sunlight, fog, condensation (dew), water droplets, snow/ice, dirt, dust or other debris on the camera lens. Carefully cleaning the camera lens window, making sure there are no scratches and/ or placing the camera in a different location may solve this type of problem.

Blurry Image Quality – Motion

Primos® takes pride in the quality of images captured by the Truth®Cam. Primos has improved the ANTI-BLUR for this product; however there is currently no way to eliminate the potential of photos with blur caused by game moving (motion) too quickly. We have optimized the Truth®Cam to limit the number of motion blurred images and provide as many clear, quality photos as possible.

Dark or Light Image Quality

Primos® takes pride in the quality of images captured by the Truth®Cam. As daylight transitions back-and-forth between light and dark, the camera changes settings to optimize the picture. Some 'lighter' or 'darker' photos may be captured during the camera transition process – this should be a limited amount of photos with the optimization of our software. Also, please try to avoid setting up the camera in situations where the sunlight will shine directly into camera lens. With any photo capturing, taking pictures directly into sunlight produces less than desirable results.

Empty Photos/False Triggers

If there are a large number of photos taken with no game present in the frame, first make sure your camera is mounted the correct height and in the right direction. If there are limited, random photos with no game present, the following scenarios are most likely 1) an animal ran through the picture extremely fast or 2) a smaller animal/bird is around the camera/sensor but is not in the camera field of view or 3) the sunlight or heat in combination with moving elements (trees, brush, shadows) is causing a false trigger. The first two scenarios are hard to prevent, but the sunlight/heat should not cause many false triggers as the camera has been optimized to sense and distinguish for correct triggering. To prevent potential false triggers, try not to setup the camera directly in the sunlight.

Camera Doesn't Save Photos/Video

The SD Memory Card may be locked. Please look closely at the card and make sure the card is in the 'unlocked' position. If photos/ videos are still not saved by camera activity, the SD Memory Card may be corrupt or damaged. You can try to reformat the card on a computer and try it again, or simply try replacing it with a different/new SD Memory Card.

Storing Camera

Do not store in extreme heat, cold, moist or humid conditions. Remove batteries when storing for periods for longer than one week without use.

Inside Camera Operation

The camera is designed for outdoor use. It is ok to test the camera indoors for operation, but please note the indoor lighting and reflection may not be optimal for correct photo exposure and video recording.



TRUTH[®] CAM *ULTRA* SECURITY BOX

- Designed to protect the TRUTH[®] CAM Ultra Series
- Attachment holes for 3/8" lag bolts
- 1/2" Security cable holes for added protection
- Double locking tabs fits up to 1/2" padlock
- Heavy duty 14 gauge steel construction

Other Accessories

1. Padlock for door latch to prevent tampering camera settings or memory
2. Locking Security Cable to run through case and around tree. Accepts 5/16" Master Lock[®] Python[™] Adjustable Locking Cable is convenient and highly recommended.
3. TRUTH[®] CAM Ultra Battery Case.

CUSTOMER SERVICE & WARRANTY

WARRANTY

You MUST register your Truth® Cam online within (30) days of receipt to receive the 1 Year warranty AND present a “Proof of Purchase” to receive warranty protection. If neither of these are presentable, we will not replace your item.

Up to 1 YEAR LIMITED WARRANTY

Primos® Hunting (“Primos”) warrants the TRUTH®Cam to be free from defects in workmanship and materials, under normal use and conditions, for the time periods and terms as set forth below. According to this Limited Warranty Primos® will, at its discretion, (a) repair the production using new or refurbished parts or (b) replace the product with a new or refurbished product (product that has been returned to its original specifications). In the event of a defect, these are the exclusive remedies available to the original consumer purchaser only and is not assignable or transferable.

Terms: You must register your TRUTH® Cam and keep the “Proof of Purchase” to receive warranty protection.

**Go online to www.primos.com/registration and complete the Online Registration. You have 1 month from date of purchase to register your TRUTH® Cam online.

** visit primos.zendesk.com for FAQ, PDF manuals & camera support

Limitations: This warranty is valid only if the product is used for the purpose for which it was designed. It does not cover: 1) products which have been damaged by negligence/misuse (including, but not limited to, improper storage, battery leakage and water damage caused by submersion), accident or which have been modified or repaired by unauthorized persons; 2) cracked or broken housing of units damaged by excess heat or impact/force; 3) damage caused by wild animals 4) the cost of shipping this product to the factory for service and its return to you.

Instructions:

In the event warranty service is needed, please contact Primos® Customer Service (service@primos.com) or call 1-800-523-2395 to obtain return information.

1. Remove SD memory card and batteries from product and pack in well-padded or highly protective box. Primos® Hunting will NOT be responsible for damage incurred in returning product for repair.
2. Include Return Form and “Proof of Purchase” in with return.
3. Send product prepaid to:
Bushnell Outdoor Products
Attn: Lab Repair
9200 Cody
Overland Park, KS 66214

FCC STATEMENT

This equipment has been tested and found to comply 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 equipment 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 equipment 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



DISCLAIMERS

Primos® makes no representations or warranties, either expressed or implied, by or concerning any content of these written materials or software, or for damages resulting from the use of the information contained therein. Primos® reserves the right to alter the features and contents of this publication, hardware or software without obligation or advance notice.

Warranty does not extend to any accessories used with the camera.

Primos® is not responsible if you use the TRUTH® Cam for illegal purposes.

Primos® shall not be obligated to perform preventative maintenance, installation, deinstallation, or maintenance.

The illustrations in this manual are for instructional purposes only and may not represent actual product exactly.

Online Support

Visit www.primos.com
for instructional videos

Please contact the
Primos® Customer Service
Team with any comments,
questions, problems or
return requests. Call
(601) 879-9323 or email
service@primos.com.

