



## 1 YEAR LIMITED WARRANTY

### Trail Cameras

BARSKA®, as manufacturer, warrants this new product to be free of original defects in materials and/or workmanship for the length of time specified by this warranty. This warranty does not include damage caused by abuse, improper handling, installation, maintenance, normal wear-and-tear, unauthorized repairs or modifications and tampering in anyway.

This warranty is limited to the original purchaser and is not transferable. This warranty applies only to products purchased in the United States of America and Canada.

In the event of a defect within 30 days, the consumer must return the defective unit to the BARSKA® dealer (the place of purchase) at his/her own expense.

Beyond 30 days, BARSKA® products should be sent to the following address for warranty repairs. Products must be packed carefully and sturdily to prevent damage in transit, and returned freight prepaid to:

BARSKA Optics®  
1721 WRIGHT AVE.  
LA VERNE, CA 91750

For additional and updated information  
please visit [www.barska.com](http://www.barska.com)

Please email [info@barska.com](mailto:info@barska.com) or call 1.888.666.6769 for Return Merchandise Number (RMA#) before any returns.

NOTE: All merchandise received without a valid RMA# will be returned to shipper at his/her own expense.

Please include all of the following when returning by BARSKA® products for service and/or replacement:

1. Please write your complete details (Name, Address, Telephone #, E-mail address, RMA#, etc.)
  2. Purchase receipt or Proof of Purchase. (Original/Copy)
  3. A brief explanation of the defect
  4. A Check/Money Order of \$25.00 to cover inspection, shipping and handling
- \*Please allow 6-8 weeks for delivery

This product will either be replaced or repaired at the discretion of the warrantor. If it's a discontinued item, we will replace the product with an equivalent product. Should the repair not be covered by this warranty, an estimate will be sent for your approval. Non-warranty repairs or refurbishing are always provided at a reasonable cost.

BARSKA® shall not be liable for any consequential, incidental and/or contingent damages whatsoever. We will not pay shipping, insurance or transportation charges from you to us, or any import fees, duties and or taxes. This warranty supersedes all previous BARSKA warranties.



## USERS MANUAL

### 8MP Trail Camera w/2" Color Screen and 40 Infrared LED Lights

Includes Mounting Strap and USB Cable



Barska's trail camera is designed to be your eyes in the woods day or night. Wide, flash range with rapid response time means you won't miss an opportunity for an image. All settings, including camera resolution, video resolution and PIR sensitivity are adjustable for your specific needs. Upload images and videos to a computer through the included USB cable to save or share with others. Simply load AA batteries (not included), insert an SD card (not included) select your preferred settings and the trail camera is ready to go. All images can be stamped with date and time so you can spot trends and or patterns giving you everything you need to prepare for a great hunt.

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This camera is a digital infrared surveillance camera triggered by any movement of humans or animals using a high sensitive Passive Infrared (PIR) motion sensor that automatically captures high quality pictures up to 8MP and records VGA video clips. Images and videos are taken in color under sufficient daylight. At night or low light conditions the camera's built-in infrared LED's capture black and white images or videos. The 2" color LCD display screen on the camera is water resistant.

**CAUTION:** The camera has no internal memory, insert SD card before operation; the camera will shut down automatically if NO SD card is inserted

**Parts of the Trail Camera**

Front View of the Camera

- A. 40 Infrared Lights
- B. LED Indicator
- C. Passive Infrared (PIR) Motion Sensor
- D. Lens
- E. Lock Hole



Inside of the Trail Camera

- F. Display Screen
- G. Operation Panel
- H. Switch
- I. Battery Compartment  
Requires 12 AA Batteries



Under Side of the Trail Camera

- J. External DC Power Connector
- K. USB Connector
- L. SD-Card Slot
- M. Tripod Adaptable Fitting



**Batteries**

- The camera is powered by 12, AA batteries, insert batteries as directed on the inside panel of the cameras battery compartment and pay attention to the polarity.
- To conserve battery life, remove batteries when camera is not in use for long periods of time

Note: The camera will automatically shut down in the low-battery state after two indication sounds. Please change the batteries immediately.

### Saving Images or Videos

The camera uses an SD card to save all images and videos. Before inserting the SD-card, be sure the SD card is unlocked.

NOTE: The camera has no internal memory, insert SD card before operation; otherwise, the camera will shut down automatically if no SD card is inserted.

#### File Naming

Images and videos are saved in the pre-named folder. File numbering continues by adding one to the last number for each new image or video. Saving names are IMAG0001.JPG or IMAG0001.AVI. Through the suffix you can distinguish whether the file is an image (with suffix .jpg) or a video (with suffix .avi).

### Quick Start Guide

#### Power Supply

Confirm that the camera is in the OFF position and make sure batteries are installed correctly

#### Insert the SD-Card

The camera has no internal memory. If no SD card inserted or SD card in locked, the camera will shut down automatically after two continuous indication sounds.

#### Power On and Enter into the ON Mode

The camera has three operation modes:

1. OFF Mode: turns off the camera
2. SET UP Mode: to operation parameters or to playback the photos and videos through the display screen.
3. ON Mode: takes images and videos in surveillance mode.

#### Menu Buttons

"MENU": to enter into the program menu in preview mode;  
 "▲" "▼" "▶" "◀": for custom operation settings, for more details refer to the user manual;  
 "OK": save custom operation settings and view images and play videos;  
 "▶|": switch between playback mode and preview mode;  
 "DEL": delete an image  
 "📷": capture a photo or record a video manually.

#### Manual Capturing

Press "📷" to manually capture photos or record videos. Press "📷" again to stop the manual capturing of an image.

#### Enter into the SETUP Mode

Switch to SETUP Mode. Push MENU button.

The camera can be programmed into desired settings for CAM, PIR and SYS. In the "Advanced Operations" chapter will describe in greater detail.

#### CAM (Camera Setting)

Camera Mode appears on screen. Press the up or down buttons to select Photo Size or Photo Burst. Press right or left buttons to select desired value.

#### PIR (Picture in Range)

PIR Level appears on screen. Press the up or down buttons to select PIR Delay, Self Timer, or Time Lapse. Press the right or left buttons to select desired value.

#### SYS (System Setting)

Set Clock appears on screen. Press the up or down buttons to select Time Stamp, Password, Format. Press the right or left buttons to select desired value.

#### Power Off

Switch to OFF Mode to power off camera. To conserve battery life, remove batteries if you plan on not using the camera for a long period of time.

Switch power to ON mode. The LED indication light will blink for about 10 seconds before the camera starts taking images or videos.

### Advanced Settings

After familiarizing yourself with basic camera operations, you are ready for advanced settings.

#### Set CAM (Camera Settings)

##### Set Camera Mode

Two modes in CAM: Photo or Video. Two ways to set the camera mode:

1. Press MENU: Press the up or down buttons to select Video or Photo, and then press OK to save.
2. On SETUP mode, Press up button to set camera mode as Video or press down button to set as Photo mode. The video or photo icon appears on the top left corner of LCD screen.

##### Set Photo Size

1. Press the down button to select Photo Size
2. Press the right or left buttons to select 8MP, 5MP and 3MP
3. Press OK to save selection

##### Set Photo Burst

1. Press the down button to select Photo Burst
2. Press the right or left buttons to select 3 photos, 2 photos, 1 photo
3. Press OK to save selection

##### Set Video Size

1. Press the down button to select Video mode
2. Press OK to confirm
3. Press the down button to select Video size
4. Press the right or left buttons to select VGA (640×480) or QVGA (320×240)
5. Press OK to save selection

##### Set Video Length

1. Press down button to select Video Length
  2. Press OK to confirm
  3. Press the right or left buttons to select desired seconds
  4. Press OK to confirm
- Press MENU to return to Main MENU state

SET PIR (Picture in Range)

Set PIR Level

Press MENU to return to Main MENU state

1. Press the down arrow to select PIR Level
2. Press the right or left buttons to select Low, Normal, or High
3. Press OK to confirm

This parameter defines the sensitivity of the PIR. There are three sensitivities: High, Normal, and Low. The default value is "Normal". The higher degree indicates that the camera is more easily to be triggered by motion, taking more pictures or recording more videos. It is recommended to use "High" sensitivity degree in room or environment with little interference, and to use lower sensitivity for outdoor or environment with lots of interference like hot wind, smoke, near window etc. Furthermore, the sensitivity of the PIR is strongly related to the temperature. Higher temperatures lead to lower sensitivity. Therefore it is suggested to set a higher sensitivity for high temperature environments. It is recommended to use the "Low" setting for temperatures below 35 degrees Fahrenheit and the "High" setting for temperatures exceeding 95 degrees Fahrenheit. Press LEFT or RIGHT to select Low or High, and then press OK to save.

Use	Surrounding Environment
High Sensitivity	Room or environment with little interference
	Exceeds 95 degrees Fahrenheit
Low Sensitivity	Outdoor or environment with lots of interference like hot wind, smoke, near window etc.
	Below 35 degrees Fahrenheit

Set PIR Delay

This parameter indicates how long the PIR will be disabled after each triggering. During this time the PIR of the device will not be activated. The default value is 1 minute. The minimum interval is 0 seconds; this means the PIR works all the time. The maximum interval is 1 hour. This means that the PIR will be disabled for 1 hour after each triggering. Press the left button or the right button to decrease or increase the value by 5 seconds or 1 minute, and then press OK to save.

Set Self Timer

This parameter defines a certain time lapse in the day when the camera can be triggered. The rest of the time the device is shut off. The effective value for the ranges from 00:00:00 to 23:59:59. Please note that the start and stop time can only be effective when the timer is set as On. Press OK to enter into submenu for settings, and then press UP or DOWN to change the values of the start time the stop time, and then press OK to save.

1. Press the down button to select Video Length
2. Press OK to confirm
4. Press the right or left buttons to select desired length
5. Press OK to confirm

Set Time Lapse

This function only is activated when the Self Timer is settled as ON. You can decrease or increase the values by pressing the right or left buttons. The camera will take pictures or videos according to the pre-set time interval.

1. Press the down arrow to select Time Lapse
2. Press the right or left buttons to select on and off
3. Press OK to confirm

Set SYS (System Setting)

Press MENU to return to Main MENU state

Set Date and Time

You can change the date and time of the device by setting this parameter when necessary, e.g., after every battery change. The date format is month/day/year, the time format is hour: minute: second. The valid value for year is between 2009 and 2050.

1. Press OK to enter into submenu
2. Press the right or left buttons to adjust time
3. Press the right or left buttons to change the numbers
4. Press OK to save setting

Set Time Stamp

1. Choose "On" or "Off" for the show, no show option for the time stamp
2. Press the right or left buttons to change On or Off
3. Press OK to save setting

Set Password

If the password setting is selected as On, after switching on the camera, the LCD screen on the camera will prompt to enter a password. The default password is 0000.

1. Press OK to enter into submenu
2. Press the up or down buttons to adjust the values
3. Press the right or left buttons to change On or Off
4. Press OK to save setting

If the inputs are blank, the password will not be changed; if keyed in correctly, the new password is set. The LCD screen will prompt to enter the password next time you switch on the camera.

Set Format

The system will delete all images or videos stored in the SD-card after formatting, make sure that you have made a backup of important data.

1. Press OK to choose Enter to enter into submenu
2. Press the right or left buttons to select Yes. Yes will be highlighted
3. Press OK to start formatting the SD-card. During formatting, the display screen will show a message "Please Wait".

Set to Default Factory Settings

1. Press OK to reset to default settings.

**Default Settings**

Setting Items	Default	Options	Submenu	
CAM	Camera Mode	Photo	Video	
	Photo Size	5M Pixel	8M, 3M Pixel	
	Photo Burst	1 Photo	2 Photo or 3 Photos	
	Video Size	640×480	320×240	
	Video Length	10s	As of requested	
	PIR	PIR Level	Normal	High, Low
PIR Interval		1 Min	5–60 seconds, 1-60 min	
Self Timer		Off	On	On, Off (00:00 – 23:59)
Time Lapse		Off		
SYS	Set Clock	Enter	Adjust Clock	
	Time Stamp	On	Off	
	Password	Off	On	Enter to set
	Format			Enter to set
	Default Setting			

Main Menu

Setting Items	Description	
CAM	Camera Mode	Select photo or video
	Photo Size	Select the image size 8MP, 5MP or 3MP
	Photo Burst	Select the continuous shooting numbers after each triggering
	Video Size	Select the video size
	Video Length	Select the video length
	PIR	PIR Level
PIR Delay		How long the PIR will be disabled after each triggering
Self Timer		The camera can be set to only record/capture at a certain time of the day when set to On. The rest of the time the camera will be shut off and will not record any triggers. This function can be set to Off and the cameras will function by PIR triggering.
Time Lapse		This function is only activated if the Self Timer is On> Press the right or left buttons to set the values. The camera will take pictures or videos subject to the pre-set time interval.
SYS		Set Clock
	Time Stamp	Select "On" or "Off" to show time stamp on the picture
	Password	Default password is 0000
	Default Set	Reset all settings to default values
	Format	Format the SD-card

**Playback**

Viewing Photos and Videos

1. Switch to SETUP mode
2. Press to view the last picture in the LCD screen of the camera
3. Press the right or left buttons to either go to the previous or next file
4. To play a video file press the

Deleting Photos

1. Press to view the image which to be deleted
  2. Press the DEL button
  3. Press the right or left to select Yes or No to delete the file
- Please note that after deleting a picture or a video file, the deleted files can't be restored!

Transferring Files

Connect the camera to a computer through the included USB cord. The camera is in USB mode when connected to computer's USB port. The SD-card then functions as a removable disk

**Upgrading Software**

This camera is equipped with an automatic upgrade function. The upgrade function is only activated when the camera is connected to the computer with internet and upgrading is only needed when an improved firmware is available. **WARNING:** Upgrading is risky, please be cautious

**Technical Specifications**

Picture Resolution	Real 5MP
Lens	F/NO=3.0 FOV(Field of View)=52°
IR-Flash	6-12m
Display Screen	2" LCD
Memory Card	From 8 MB to 32GB
Video Resolution	VGA(16fps) ; QVGA(20fps)
PIR Sensor	Multi Zone
PIR Sensitivity	Adjustable (High/Normal/Low)
Trigger Time	1.1 second
Weight	0.31 kg / .7 lbs
Operation/Storage Temperature	-20 - +60°C / -30 - +70°C -4 - +140°F / -22 - +158°F
Interval	1s – 60 min.
Photo Burst	1–3
Video Length	1–60 seconds
Power Supply	12×AA
Stand-by Current	< 0.25 mA (<6mAh/Day)
Power Consumption	600 videos (interval=5min,video length=10s);
Low Battery Alert	LED Indicator
Display Screen	LCD display on camera
Mounting Options	Belt, Rope Or Tripod
Dimensions mm	128 x 98 x 78
Operation Humidity	5% - 90%

Product design and specifications are subject to change without notice

**CAUTIONS**

- The camera has no internal memory, insert SD card before operation; otherwise, the camera will shut down automatically if NO SD card is inserted
- Please unlock the write-protect before inserting the SD-card
- Insert the SD-card when the power switch is in the OFF position before testing the camera
- Do not insert or take out the SD-card when the power switch is in the ON position
- Format the SD-card by the camera when used for the first time
- The camera is in USB mode when connected to computer's USB port. The SD-card then functions as a removable disk
- In the SETUP mode, if nothing is done in 3 minutes the camera will shut down automatically
- Make sure having sufficient power to upgrade firmware; otherwise the upgrade will be interrupted. If any fault occurs after an improper upgrading process, the camera may stop functioning properly