

NITEforce

Mini TRAIL CAMERA



INSTRUCTION MANUAL

Invisible Black Flash

PLEASE READ CAREFULLY BEFORE USING CAMERA

Thank you for Purchasing your NITEforce Trail Camera

The NITEforce trail camera is digital surveillance camera. It has been precisely engineered and tuned to provide you with optimal and consistent performance. This camera will provide digital pictures and video for applications such as home, cabin, and business surveillance and animal monitoring for hunting and research. It features a highly sensitive Passive Infra-Red (PIR) motion sensor and numerous setting options to tailor the camera to your particular needs.

Item Check List	<ul style="list-style-type: none">• Camera• Mounting Strap• User Manual
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Needed for Operation	<ul style="list-style-type: none"> • 6 AA 1.5V Alkaline Batteries • SD or SDHC Card (2GB - 32GB)
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SPECIAL HANDLING PRECAUTIONS

CAMERA:

- The camera has been finely tuned. Avoid dropping and physical shock.
- The camera is designed for typical weather conditions (IP66). It is not waterproof for use underwater.
- Recommended Operating Temperature: -15°C +40°C
- Carefully clean debris from camera lens, PIR, and LED platform. Avoid use of cleaning solvents.
- The camera contains precise electronic equipment. Do not attempt to open camera case yourself.
- Condensation may form on lens and electrical components when bringing into warm room from cold. To avoid this, first place camera inside a sealed plastic bag before bringing into warm room temperature. If condensation forms, remove SD card and batteries until camera is dry.
- Remove batteries when storing camera. Removing batteries from the camera during storage reduces the risk of battery acid leakage and battery drain.
- Do not mix old and new batteries together in the camera.

MOUNTING OF THE CAMERA:

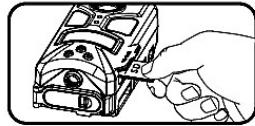
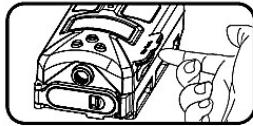
This camera is designed to use the Mounting strap (included) to obtain maximal mounting versatility. Camera can be securely locked with cable lock (sold separately). It is recommended to mount the camera 1m height pointing to desired area and 7m away from target area for maximum sensitivity in most situations. Adjustments may be required depending on animal size and environment. PIR motion detection distance changes based on ambient temperature and setup. Higher ambient temperatures will reduce PIR motion detection range thereby requiring camera to be closer to desired location. Mounting camera too high or tilting camera may result in animal or humans going under or above the PIR motion detection range. Angle the camera perpendicular to the ground to maximize the IR lighting potential.

GETTING STARTED

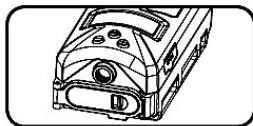
SD MEMORY CARD

The camera supports both SD and SDHC memory cards up to 32 GB. The camera does not have any internal memory and will not Activate ON without SD card inserted; “no SD” alert.

1. Open the SD card slot cover at the side.
2. Place the SD card with the label facing up, and insert it into the end of the slot.



3. Cover the SD card slot.



Note:

1. This product requires an SD card to store images. The SD card is not included. This product supports up to 32G bytes SD card.
2. If you are using an SD card from another camera, you must format it in your Personal Computer using FAT32 format before starting to work.

Note! Do not use the “micro SD card” with adapter. It may cause saving errors.

Note! Make sure camera is OFF when adding or removing SD memory card.

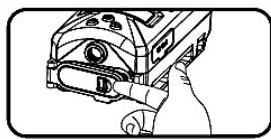
Note! Ensure SD card is not locked.

Note! Avoid using too fast Read/Write classification type of SD cards. Use less than 80MB/sec speed SD cards.

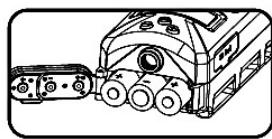
AA BATTERIES – POWER SOURCE

This camera is designed for Alkaline 1.5V AA batteries. Insert 6pcs AA alkaline batteries while ensuring polarity (+ -) is correctly orientated.

1. Open the bottom door of the camera by sliding the latch to the left.



2. Insert batteries into camera, being careful to match the orientation marked on your camera.



3. Push the door to lock.



Note:

1. This product requires 6 AA batteries, which are not included.
2. If your battery level is low, please re-install 6 totally new AA batteries.

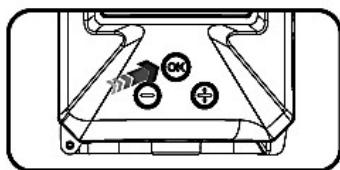
Note! Remove the AA batteries out of battery compartment, when the camera is not used for example during storage. Warranty is not covering battery related or battery acid leakage related technical failures.

Note! Cold weather will reduce battery output power life. Avoid poor quality alkaline batteries. Avoid mixing different brands or types and ages of batteries. Use 1.5V AA Alkaline.

POWER ON / OFF

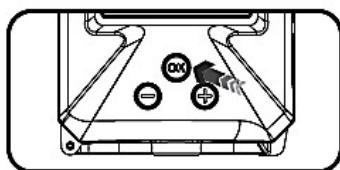
Power ON

1. Press the OK button and keep it hold down to turn on the screen.

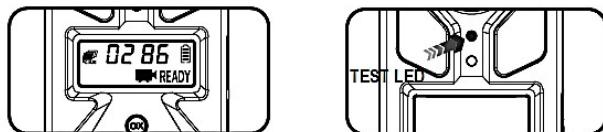


Power OFF

1. Press the OK button to wake up the screen.
2. Once the screen is awake, hold down the OK button until the screen turns off.



1. If no buttons are pressed for 30 seconds after power ON, the screen will turn off and enter Ready Work Mode.



Note:

1. To wake up the LCD screen from Ready Work Mode, please briefly press the OK button.
2. The LCD will not turn on when the camera is writing to memory. The camera will not take any photo/video when the LCD is turned on.

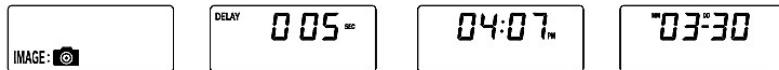
CAMERA SETTINGS MENU

• View Setting

1. When the LCD screen is turned on, you can view a summarizing screen, including Picture Number which is taken, Battery Level, and Image Mode.



2. You can view the whole settings in this camera by press -/+ buttons. The settings include Image Mode, PIR Delay, Time and Date.



3. Once you want to change a setting, please press the OK button in the corresponding interface to enter setting mode and use -/+ buttons to choose options. And press the OK button at last to save your option.

• Image Mode

1. To choose the type of image your camera captures, use the -/+ buttons to navigate to the 'Image Mode' screen.



2. Press OK button then use the -/+ buttons to choose between Photo and Video. And then press OK button to save.

• PIR Delay

1. To select how long the camera waits before taking another picture/video, use the -/+ buttons to navigate to the 'PIR Delay' screen.



2. Press OK button then use the -/+ buttons to choose between 5 / 10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60 / 120 / 180 / 240 / 300 / 600 second. And then press OK button to save.

• Time Setting

1. To change the Time setting, use the -/+ buttons to navigate to the Time screen.



2. Press the OK button in this screen to enter setting mode. Use the -/+ buttons to adjust Hour and press OK button again to switch to Minute adjusting. After adjusting Minute, press OK button to finish at last.

• Date Setting

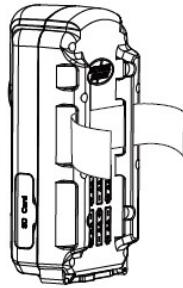
1. To change the Date setting, use the -/+ buttons to navigate to the Date screen (MM-DD).



2. Press the OK button in this screen to enter setting mode. Use the -/+ buttons to adjust Month (MM) and press OK button again to switch to Day (DD) adjusting. After adjusting Day, press OK button to switch to Year (YY) adjusting. After adjusting Year, press OK button to finish at last.

● Mounting

1. To mount the camera to an object in the field, locate the strap that supplied with the camera.
2. There is a clip at one end of the strap, please slide the other end of the strap through the two slats on the back of the camera.
3. Wrap the strap around the object at an appropriate height and connect both ends of the clip.
4. Pull the extra material on the strap so the camera attaches to the object tightly.



TROUBLESHOOTING

Camera will not take pictures or stops video recording even with full batteries?

- i. SD card is not formatted correctly; format SD card with Computer (FAT32)
- ii. Ensure SD card is not locked
- iii. SD card is faulty or incompatible; try different SD card and/or brand. Faulty or incompatible SD cards may cause system conflict, system crash, and battery drain. Always format SD card in camera and try different SD cards if problem persists.
- iv. Batteries do not have enough power to activate picture/video sequence

Batteries run down quickly?

- i. Avoid poor quality alkaline batteries. Avoid mixing different brands and ages of batteries as battery life will be adversely affected. Different brands of batteries will perform differently than others; try other battery brands to find what works best for your environment
- ii. Reduce number of picture or reduce video taken per day
- iii. Ensure batteries are fully charged; test batteries with tester if possible
- iv. In cold temperatures, the battery life becomes shorter
- v. SD card may have jammed causing battery to drain; use different SD card and/or brand

Video time is cut shorter than what I programmed?

- i. Ensure batteries are fully charged
- ii. Cold temperatures may decrease battery output resulting in reduction in video length

SD card is not recognized in camera?

- i. If the SD card is formatted on a computer or other camera, it may not be recognized by this unit. Use this camera to format the SD card
- ii. Ensure that SD card is not greater than 32 GB in size
- iii. Ensure SD card is not locked
- iv. Try different brand of SD card for compatibility
- v. Do not use "Micro SD card" with adapter
- vi. Use SD cards with slower write/read speed (less than 80MB/sec)

SD card is inserted into another device (i.e. camera) and is not recognized?

SD card may be formatted differently than the other device (i.e. camera) can recognize. The camera file system is generally compatible with other digital cameras; however, it is recommended not to use the same SD card in different cameras to avoid possible file system conflicts

Camera fails to detect motion?

- i. Ensure batteries test full; replace batteries if necessary
- ii. Ensure SD card is NOT locked and compatible with camera
- iii. Ensure 'PIR Delay' is set correctly
- iv. Ensure camera is mounted correctly
 - Note: hot weather, humidity, and rain will reduce PIR sensing distance; move camera closer if required
- v. Typically mounting the camera at a height of 1m will maximize detection distance, this will depend slightly on the size of game you are trying to observe
- vi. Camera may be angled up too high or too low thereby allowing subjects to walk under or over the PIR motion detection window; adjust camera position and try again

Images are blurry (stills or motion)?

- i. It is important to realize that different environments and conditions will affect the picture quality
- ii. Blurry still images may result from interference with focal points; for example distance from camera, trees, brush, may affect focus point.
- iii. Fog, condensation, water drops, snow, dust, direct sunlight, etc can all reduce picture quality
- iv. Motion blur may result when object moves too quickly. Blur will be compounded during night and low light situations

Night images are dark?

- i. Ensure Alkaline AA batteries are fully charged. Do not mix batteries with different brands and ages
- ii. Cold temperature will reduce battery output to Flash
- iii. Remove brush, grass, and other debris that may prevent Flash light from reaching its potential

Too many empty pictures/video or false triggers?

- i. Ensure camera is mounted on a solid surface; trees and surface may move in wind causing camera to trigger falsely
- ii. Adjust camera height and angle
- iii. Remove brush and branches from detection zone that may be triggering camera
- iv. A close running animal/human may make it across detection zone before triggering the camera
- v. Sunlight (UV radiation) and heat waves may result in certain scenarios of false triggers; position camera in different location



FCC Compliance

This equipment has been tested and found to comply with the limits for 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 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.

1 YEAR WARRANTY

This product is warranted to be free from defects in material and workmanship for 1 year from the original date of purchase when purchased through an authorized dealer. NITEforce will, at its option, repair or replace your product with the same or comparable model, free of charge (shipping charges may apply) for a period of (1) one year from the original date of purchase in the event of a defect in materials or workmanship occurring with normal use. This warranty only extends to the original retail purchaser. Purchase receipt or other proof of date of original purchase is required before warranty performance. The warranty on any replacement product provided under this warranty shall be for the unexpired portion of the warranty period applicable to the original product. This warranty extends solely to failures due to defects in materials or workmanship occurring during normal use. It does not cover normal wear of the product.

This warranty is void if:

1. The unit has been used incorrect, opened or punctured
2. The unit has been immersed in water or other liquids, allowed to be filled with dirt or dust or otherwise physically misused
3. The 1 year warranty period has expired
4. If the product fails to function properly as a result of accident, misuse, abuse, neglect, mishandling, misapplication, non-compatible batteries, faulty installation, setup, adjustments, improper maintenance, alteration, maladjustment of controls, modification, power surges, service by anyone other than NITEforce or NITEforce authorized service center or acts beyond the manufacturer's control.

CAMERA REPAIR

Repairs for damages not covered by the warranty will be subject to a charge. Please contact nearest NITEforce sales agency shop to discuss repair options not covered under warranty.

WARRANTY WARNING:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment



KÄYTÖOHJE

LUE SEURAAVAT KÄYTÖÄ KOSKEVAT OHJEET HUOLELLA

Kiitos kun ostit NITEforce riistakameran

NITEforce riistakamera on digitaalinen kuvauskamera tarkkailua varten. Se on suunniteltu optimaalisen suorituskyvyn saavuttamiseksi. Tämä kamera ottaa digitaalisia kuvia tai videoita kotona, toimistolla, mökillä, liikekiinteistössä tai maastossa eläimistä. Kamera kuvaa lämpöliikkuvia kohteita kuten eläimiä tai ihmisiä. Kulkuvälineet kuten autot eivät emittoi lämpöä kuten elävätkin kohteet.

Toimitus sisältö	<ul style="list-style-type: none">• Kamera• Kiinnitysvyö• Käyttöohje
Aloitukseen tarvitaan	<ul style="list-style-type: none">• 6kpl uusia AA 1.5V Alkali Paristot• SD / SDHC Muistikortti (2GB - 32GB)

ERITYISVAROTOIMENPITEET

KAMERA:

- Kamera on hienosäädetty laite, älä pudota tai altista sitä iskulle.
- Kamera on sääsuojattu (IP66). Älä kuitenkaan upota sitä veteen veden pinnan alle.
- Käyttölämpötila suositus: -15°C+40°C
- Puhdista tarvittaessa kameran linssit (kuva-aukko, PIR liiketunnistin, salama) pehmeällä kankaalla. Älä käytä puhdistusainetta joka voi jättää kalvon linssin pintaan.
- Kamera on takuunalainen (12kk) tuote. Älä avaa tai modifioi sitä sillä se mitätöi takuun.
- Kondessia voi esiintyä mikäli laite tuodaan kylmästä lämpimään sisätilaan. Voit ehkäistä höyrystymisilmiötä laittamalla sisätiloissa kameran suljettuun muovipussiin ilman paristoja sekä SD muistikorttia.
- Poista kamerasta aina paristot kun laitetta ei käytetä tai se on varastoitu. Takuu ei korvaa paristojen vuodoista aiheutuneita ongelmia.
- Käytön aikana älä käytä kamerassa erimerkkisiä paristoja keskenään tai jotka ovat iältään tai varaukseltaan eroavaisia.

KAMERAN ASETTAMINEN:

Kamera kiinnitetyy esim puunrunkoon mukana tulevan puukiinnitysvyon avulla. Erikseen saatavissa riistikamerakalusto.

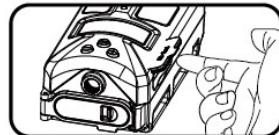
Riistikamerakuvauksessa on suositeltavaa asettaa kamera n 1 metrin korkeuteen ja vaakasuoraan katsomaan eteenpäin. Tuolloin kamera kuvaaa matalla liikkuvat kohteet sekä korkeammalla kulkevat kohteet jotka tulevat kameran etupuolelle. Kameran PIR liiketunnistin huomioi lämpöliikuvan kohteen, joka johtaa kuvamiseen. Eläimillä eniten hukkalämpöä emittoituu keuhkoverenkierron alueelta rinnasta. Ihmisillä eniten emittoitui hukkalämpöä pään alueelta esim kasvoista. Autot ja muit liikennevälaineet eivät ole kameralle ensisijaisesti suunniteltuja kuvauskohteita.

Mitä lämpimämpää on vallitseva lämpötila, sen haasteellisempaa PIR liiketunnistimen on löytää valvonta-alueelta lämpöliikkuva kohdetta. PIR liiketunnistimen toiminta-alue esim samassa kohteessa voi vaihdella sen mukaan onko kesä vai talvi. Tarvittaessa siirrä kameraa lähemmäs.

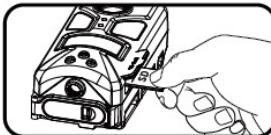
ALOITUS

SD MUISTIKORTTI

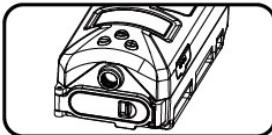
Kamera tukee tavallisia SD / SDHC muistikortteja kapasiteetilla 2GB – 32GB. Kamerassa ei ole sisäistä tallennuslevyä ja kamera vaatii SD muistikortin tallennukseen. Kamera ei aktivoudu ilman SD muistikorttia. Se antaa vikailmoituksen "no SD" mikäli sitä yritetään käynnistää ilman SD muistikorttia.



AVAA SD KORTIN PORTTI



ASETA SD KORTTI
(etiketti puoli ylöspäin)



SULJE LOPUKSI SD PORTTI
(etiketti puoli ylöspäin)

Huom! Älä käytä adapterin omaavaa "micro SD" muistikorttia. Se saattaa aiheuttaa kuvausongelmia tai suurta virrankulutusta jos kamera ei tallenna sen jumittuessa

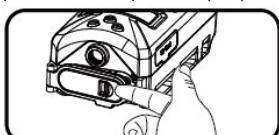
Huom! Kamera tulee olla OFF (pois päältä) kun asennat tai otat pois SD muistikortti

Huom! Varmista ettei SD muistikortti ole lukittu

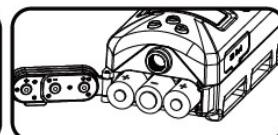
Huom! Älä käytä liian nopean luku/kirjoitus vasteen omaavia nopeita SD kortteja. Suositus alle 80MB/sec nopeudet

AA PARISTOT – VIRTÄ

Käytä kamerassa 6kpl uusia 1.5V AA alkali paristoja. Varmista niiden asennuksessa että polarisaatio napaisuuus (+ -) on kuten kameran takakannen kuvassa esitetty.



AVAA PARISTOKOTELO



ASETA PARISTOT



SULJE PARISTOKOTELO

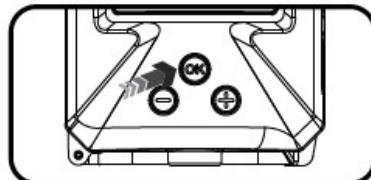
Huom! Poista kamerasta paristot aina varastoinnin ja säilytyksen ajaksi kun sitä ei käytetä.

Takuu ei korvaa paristojen vuodoista aiheutuneita teknisiä ongelmia.

Huom! Kylmä ilma kangistaa paristot. Käytä talvella laadukkaita AA 1.5V Alkali paristoja. Älä

sekoita vanhoja sekä uusia paristoja keskenään.

VIRTA ON / OFF



VIRTA PÄÄLLE: PAINA OK KUNNES LCD SYTTYY PÄÄLLE.



VIRTA POIS: PAINA OK KUNNES LCD SYTTYY PÄÄLLE. PAINA OK UUDESTAAN KUNNES LCD SAMMU



KUN VIRTAA PÄÄLLÄ JA MIKÄLI TOIMINTOPAINIKKEITA EI PAINETA 30sek AIKANA, KAMERA VIRITTYY AUTOMAATTISESTI KUVAUSTILAAN ASETUSTEN MUKAISESTI (LCD sammuu)

- KUN SAAVUT KAMERALLE SEURAAVAN KERRAN, PAINA OK PAINIKKEESTA JOLLOIN AUKAISET KAMERAN TAKAISIN OHJELMOINTITILAAN (LCD sytyy päälle)
- TEST LED valo vilkkuu kun LCD näyttö on päällä. Tuolloin se havaitsee kameran edessä tapahtuvan liikkeen ja LED ilmoittaa liikkeen havaitsemisen. TEST LED ei vilku laitteen ollessa aktiivinen ja kuvaustilassa

MENUVALIKKO**MENUVALIKKO**

KUVAMOODI

(kuva tai video 10s)

PIR LIIKETUNNISTIN VIIVE

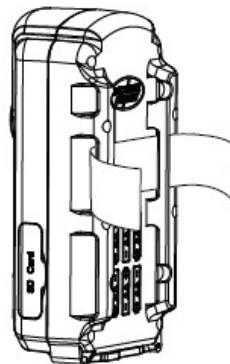
(Delay 5 sek – 600 sek)

KELLO

PÄIVÄMÄÄRÄ

KAMERAN KIINNITYS

**KAMERAN KIINNITYS MUKANA
TULEVAN PUUKIINNITYSVYÖN AVULLA
HUOM! Älä ylikiristä etteivät kiinnikkeet
rikkoontu**



KAMERA VOIDAA KIINNITTÄÄ KAMERAN POHJASSA OLEVAN KIERTEEN AVULLA ESIM
RAKENNUksen SEINÄÄN ERIKSEEN SAATAVISSA OLEVAN SEINÄKIINNIKKeen AVULLA

CE FC RoHS

TAKUU 12kk

Tällä kameralla on valmistajan myöntämä 12kk takuu alkaen ostopäivästä. Takuu koskee valmistus- tai materiaalivirheitä. Takuu on voimassa kun kamera on ostettu valtuutetulta jälleenmyyjältä. Takuutilanteessa laite ensisijaisesti korjataan tai toissijaisesti korvataan vastaavalla tuotteella. Esitää takuutilanteessa ostokuitti. Takuu kattaa vain kameran normaalikäytössä aiheutuneet viat jotka johtuvat valmistus- tai materiaalivirheestä. Takuu ei korvaa kameran normaalista kulumista käytössä tai käyttöohjeen vastaisesti käytettyä tuotetta. Takuu on voimassa vain mikäli kameroa ei ole omatoimisesti korjattu tai modifioitu, kameran mahdolliset merkinnät ovat tallella, kamera ei ole vaurioitunut ulkoisesta iskusta, väärinkäytöstä tai muusta käyttäjän huolimattomuudesta. Mahdollisen tuotevikaepäilyn esiintyminen ottaa viipymättä heti yhteys ensisijaisesti kameran myyjään.

NITEforce
www.niteforce.mobi