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T R A C E

d-guard

mini

fotopast · phototrap

d-guard mini

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dogtraceofficial

ENGLISH

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2   INTRODUCTION

The d-guard mini phototrap is an automatic surveillance camera that monitors an area of interest using a passive infrared (PIR) sensor that is triggered when it detects movement of people or animals. When motion is detected, the phototrap automatically takes pictures or videos.

The phototrap remains in standby mode and activates independently within 0.4 s of motion detection. During the day, it takes colour photos or videos. At night or in low-light conditions, the camera's infrared LEDs activate, acting as an invisible flash to take black and white photos and videos.

The phototrap is waterproof, so it can be left outdoors for months while automatically saving photos or videos in digital format to an SD memory card. In standby mode, the battery lasts up to 6 months.

2.1   Contents of package

- 1× phototrap
- 1× user manual
- 1× USB cable
- 1× fastening strap
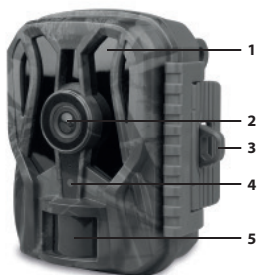- 1× stand with screw base

3   USE

The **d-guard mini** phototrap is waterproof, durable and can automatically take photos and videos, making it ideal for:

- monitoring animals in the wild or tracking when hunting
- monitoring and prevention of intrusions in homes, shops, offices, agriculture, etc.
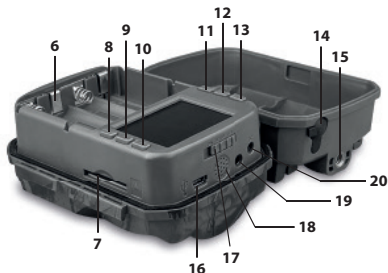
4　DESCRIPTION PRODUCT

4.1　Description of photo traps

1 – Infrared LED flash
2 – Lens
3 – Hole for padlock
4 – Microphone
5 – PIR sensor

6 – Battery compartment, **7 –** SD card slot, **8 –** Menu button,
9 – Arrow „left", **10 –** PLAY button, **11 –** OK button, **12 –** Arrow „right",
13 – Trigger button, **14 –** DC power plug cover, **15 –** Tripod socket,
16 – USB port, **17 –** ON/SETUP/OFF button, **18 –** Speaker,
19 – Headphone input, **20 –** DC power input socket (6V DC)

4.2 Description of display

When the **d-guard mini** is switched on, the current settings are displayed on the 2" LCD screen.
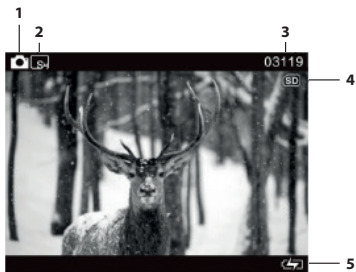
1 – Camera mode, **2 –** Image size, **3 –** Remaining memory, **4 –** SD card: OK, **5 –** Battery status

1 – Video mode, **2 –** Video resolution, **3 –** Recording time, **4 –** SD card: OK, **5 –** Battery status, **6 –** Date, **7 –** Time

5   PREPARATION PHOTOTRAPS

5.1   Installing batteries

The d-guard mini phototrap is powered by a 6V DC adapter (not included) or 4× 1.5V AA batteries (not included).

You can use the following types of 1.5V batteries:
- we recommend using high capacity alkaline batteries
- rechargeable lithium batteries
- rechargeable NiMH battery

5.2   Installing a SD memory card

The d-guard mini is equipped with an SD memory card slot up to 32 GB (not included). Make sure the ON/SETUP/OFF switch is in the OFF position before inserting or removing the SD memory card. The SD card must be empty, i.e. no images from other devices. If the SD card has previously been used in other devices, format it before using it from this camera or a computer. Many SD cards formatted from other cameras have poor compatibility with cameras of different brands. If the card is new, you can use it without formatting.

Before inserting the SD card, you must disable write protection on the card itself, otherwise the phototrap will not function properly. After performing the above steps, open the cover of the phototrap and insert the SD memory card all the way into the slot according to the orientation indicated by the icon engraved next to the slot.

6   SWITCHING ON/OFF PHOTO TRAP

6.1   Switch ON/SETUP/OFF

The ON/SETUP/OFF switch has three possible positions:
- Position **ON**: In this position, the photo trap automatically takes photos and records videos when the motion detector is triggered.
- **SETUP** position: in this position you can use the MENU button to access the functions listed in the table on this page.

● **OFF** position: the phototrap must be switched off when transporting the phototrap, changing the SD card or batteries. Remove the batteries if the phototrap is to be turned off and stored for an extended period of time.

6.2 SETUP mode - Settings

Offer	Parameters and description
Mode	Photo / Video / Photo and video
Photo resolution	20 mpx (6144×3456 px), 16 mpx (5376×3024 px), 12 mpx (4608×2592 px), 8 mpx (3840×2160 px), 5 mpx (3027×1728 px), 3 mpx (2304×1296 px), 1 mpx (1280×720 px)
Number of photos	Select the number of photos taken each time the phototrap is activated (1, 2 or 3). If photo+video is selected, only 1 photo will be taken.
Video resolution	High: 1920×1080 px, Medium: 1280×720 px, Low: 720×480 px, Very Low: 640×480 px
Video duration	3 seconds - 10 minutes
Sound recording	ON/OFF
Shutter delay	Adjustable from 5 s to 60 min. Selects how long the photo trap will „wait" between each image. This prevents taking too many pictures that could overload the memory card capacity.
Motion detector sensitivity	Low / Medium / High. Medium mode is recommended. Sensor sensitivity is temperature dependent. The higher the ambient temperature, the lower the sensitivity.
Target recording time	ON/OFF - sets the operating time - after activation and leaving the photo trap in ON mode, the phototrap automatically turns on and off at the programmed times.
Formatting a memory card	YES/NO - Select YES to delete all photos and videos from the card.

Time-lapse images	ON/OFF - the phototrap will automatically take pictures at the specified interval. Note: In this mode, the PIR sensor will off.
Language	English/German/French/Italian/Dutch/Danish/ Finnish/Swedish/Spanish/Portuguese/Chinese/ Japanese.
Time and date	Date and time settings and format selection.
Stamp on the photo	Displays the time or date and time on each photo taken.
Password protection	ON/OFF - Setting the security password.
Acoustic signal	ON/OFF - Select ON if you want the sound to sound when you press the buttons.
Serial number	ON/OFF - Select ON if you want all photos to display the serial number of the phototrap.
Restore the original settings	YES/NO - Select YES to restore the phototrap to factory settings.
Version	Displays the version number of the phototrap.

To switch to shooting mode without entering the menu, press the „right" arrow. To switch to video mode, press the „OK" button.

6.3 Automatic mode scanning

After configuring the settings in **SETUP** mode, turn the switch to the **ON** position. The display will show a 5-second countdown and then switch to the sensor auto start mode.

7   VIEWING PHOTOS AND VIDEOS

a) To view images or videos directly in the phototrap, switch the power switch to SETUP and press the PLAY button to enter gallery mode. Images can be selected using the left and right arrows, and videos can be selected using the OK button.

b) To view directly on your computer, turn off the phototrap and connect it to your computer with a USB cable

8   TECHNICAL DATA

Lens hood	f/2,2
Lens angle of view	90°
Shutter speed	0,4 s
IR flash	Invisible (940 nm)
Number of IR LEDs	10
Display	2" TFT LCD display
Sensor	2 mpx HD CMOS
PIR sensitivity	Adjustable (high/medium/low)
Maximum PIR sensor	15 metres
PIR sensor angle	80°
Sound	Yes
Memory card	SD up to 32 GB
Power supply	4× AA 1,5V batteries (not included) or DC 6V adapter (not included)
Weight	185 g
Dimensions	105×85×60 mm
Attachment	Static thread / screw stand / belt
Waterproof	IP65 – waterproof
Optimum operating temperature	−20℃ to 60℃

9 WARRANTY TERMS AND CONDITIONS

VNT electronics s.r.o. provides a 2 year warranty on the Dogtrace products with respect to defects in material and workmanship under normal use and service from the date of the original purchase. The limited warranty does not cover the following:
- batteries
- straps
- direct or indirect risks during transportation of the product to the retailer
- mechanical damage of the product caused by user's negligence or an accident (eg. biting, breaking, impacts, excessive pulling of d-ring etc.).

1. The warranty period commences on the date of purchase. The sales receipt or your purchase invoice showing the date of purchase of the product, showing the serial number and date of purchase of the product, is the proof of the purchase date.
2. The warranty does not cover damage resulting from:
  a) improper installation or breach of instructions from the manufacturer's user guide
  b) improper use of the product
  c) improper storage or maintenance of the product
  d) modification by a non authorized person, or a repair made without manufacturer's knowledge
  e) natural disaster (wind, earthquake, lightning storm, etc.)
  f) alternation of the goods made by the consumer if such an alternation resulted in a damage of the product
  g) due to a consumer's mechanical damage
  h) other customer's process, which would be in a contrary to the Warranty terms and conditions and the User guide
3. The warranty can not be claimed if the goods is not completely paid, or when purchased on a sale.
4. The claimant is obliged to prove the defect and to enable the manufacturer to check the legitimacy of the product faults and assess the extent of the product faults. Otherwise is loosing the right arising from the manufacturer's responsibility for product defects.

5. Consumer demands arising from the producer's liability for defects are regulated in the general legislation.
6. It is required that all items being sent for a repair must be properly cleaned. Items deemed to be insufficiently cleaned will be returned unrepaired to the customer. Please do not include the strap or any other accessories if it is not a subject of the warranty.
7. When sending the device to the service with a transport company, pack the goods adequately to protect it against a damage; it is recommended to keep the original packaging for this purpose. The producer is not responsible for a loss of goods during transport.

The information contained in this manual may be subject to change due to developments without further notice.
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