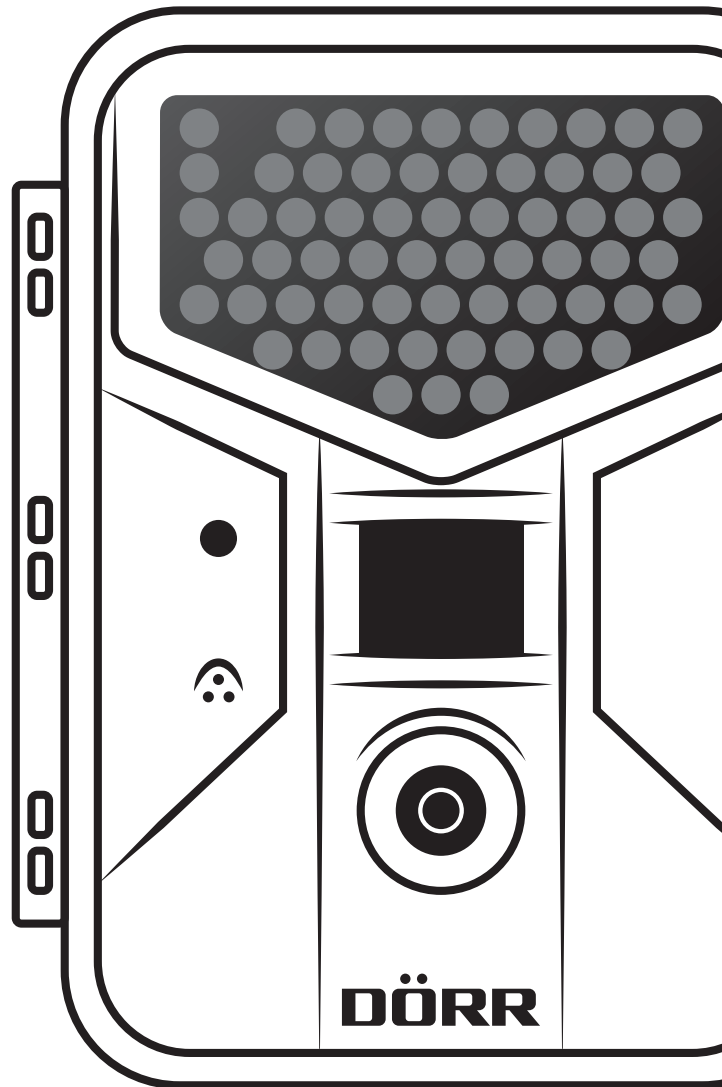


# GAME & SURVEILLANCE CAMERA



INSTRUCTION MANUAL

SNAPSHOT  
EXTRA BLACK  
12.0i HD





**THANK YOU** for choosing this DÖRR quality product.

Please read the instruction manual and safety hints carefully before first use. Keep this instruction manual together with the device for future use. If other people use this device, make this instruction manual available. This instruction manual is part of the device and must be supplied with the device in case of sale.

**DÖRR is not liable for damages caused by improper use or the failure to observe the instruction manual and safety hints.**

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## 01 | ⚠ SAFETY HINTS

- Your camera is fitted with a weatherproof housing according to protection class IP54 (dust and spread waterproof). So, the camera can be used outdoors. Nevertheless, protect the camera from extreme weather conditions and direct sunlight.
- Caution! Make sure to use only fresh Mignon AA LR6 1.5V Alkaline Manganese batteries of the same type and brand. When inserting the batteries please respect the correct polarity (+/-). Please remove batteries when device is not in use for a longer period.
- Do not use rechargeable batteries. They may lead to malfunction.
- Only use SD/SDHC memory cards up to max. 32GB. Using a micro SD card in combination with an adapter may lead to malfunctions.
- Do not drop the camera onto a hard surface. Do not use the camera if it has been dropped. In this case a qualified electrician should inspect the camera before you use it again.
- Do not attempt to repair the device by yourself. Risk of electrical shock! When service or repair is required, contact qualified service personnel.
- Do not open the camera housing (except the housing lid and the battery compartment) – the warranty will become void. The housing may only be opened by qualified DÖRR GmbH staff.
- People with physical or cognitive disabilities should use the camera with supervision.
- People with cardiac pacemakers, defibrillators or any other electrical implants should maintain a minimum distance of 30 cm, as the device generates magnetic fields.
- Do not use the camera nearby devices that generate strong electromagnetic fields.
- LED bulbs can only be replaced by qualified DÖRR GmbH staff.
- Avoid touching the camera lens with your fingers.
- Protect the camera against extensive dirt. Never use aggressive cleansing agents or benzine to clean the camera. We recommend a soft, slightly damp microfiber cloth to clean the outer parts of the camera and the camera lens. Make sure to remove batteries before cleaning.
- Store the camera in a dust-free, dry and cool place when not in use.
- This device is not a toy. To prevent accidents and suffocation keep the device, the accessories and the packing materials away from children and pets.
- If the device is defective or without any further use, dispose of the device according to the Waste Electrical and Electronic Equipment Directive WEEE. For further information, please contact your local authorities.

## 02 | ⚠ SAFETY HINTS FOR BATTERIES

Only use high-quality batteries of popular brands. When inserting the batteries, please respect the correct polarity (+/-). Do not insert batteries of different types and always replace all batteries at the same time. Do not combine used batteries with fresh batteries. Please remove batteries when device is not in use for a longer period. Do not throw the batteries into fire, do not short-circuit and do not disassemble them! Never charge non-rechargeable batteries – risk of explosion! Remove empty batteries immediately from the device to avoid the leaking of battery acid. Remove leaking batteries from the device immediately. Clean the contacts before inserting fresh batteries. Risk of battery acid burn! In case of contact with battery acid, rinse the affected area immediately with water and contact a doctor. Batteries can be dangerous to life if swallowed. Keep batteries away from small children and pets. Do not dispose of batteries in household waste (see also capture "Disposal of Batteries/Accumulators").

## 03 | ⓘ PRIVACY POLICY

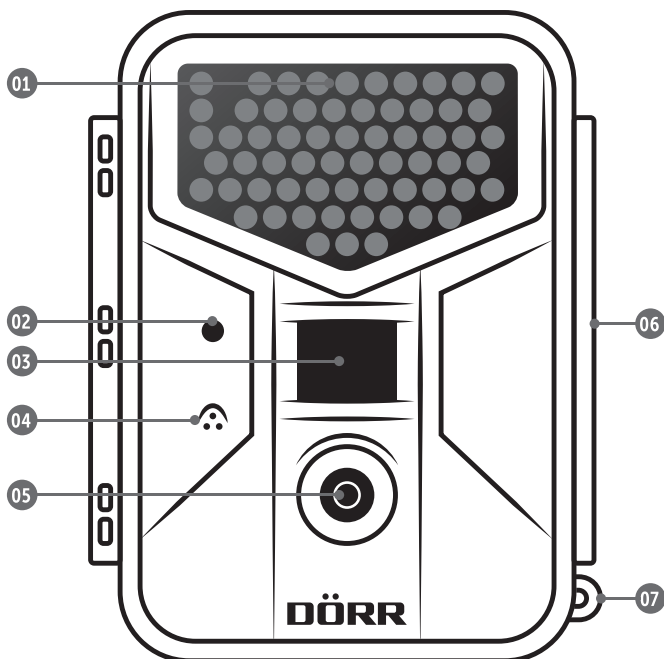
In every country, legal data protection rules apply. As these rules may vary per country, please contact the appropriate authorities to learn about the latest privacy policy in your country. In any case kindly note:

- Do not observe public areas such as sidewalks, roads, parking lots etc.
- Never observe your staff.
- Respect the general right of privacy.
- Do not publish pictures showing individuals without having their permission. Do not publish pictures showing identifiable automobile license plates.
- Make aware of the observed areas with a sign and inform your neighbours and visitors if necessary.

## 05 | PRODUCT FEATURES

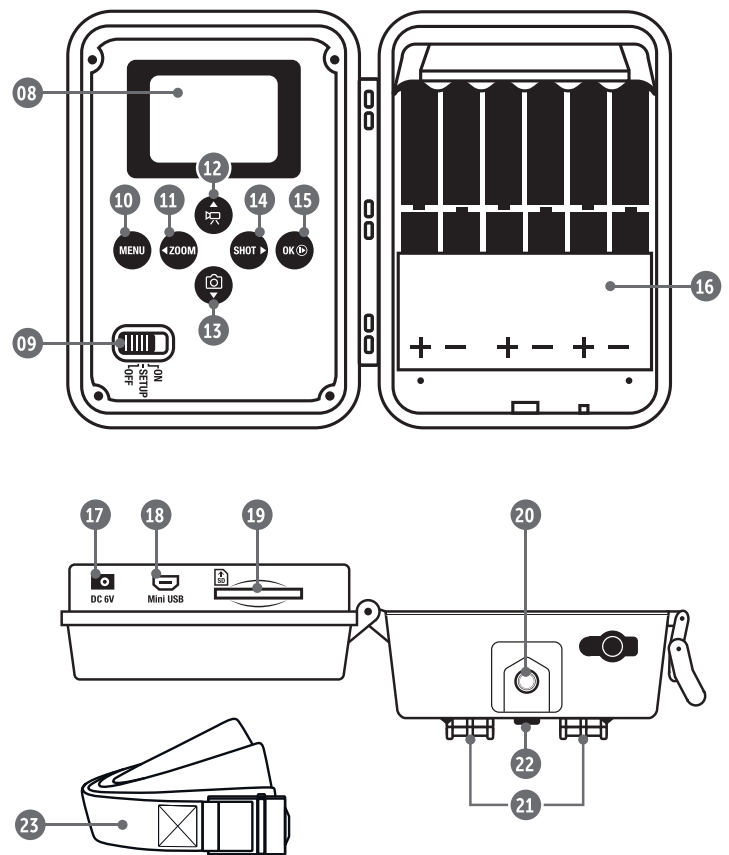
This versatile and reliable surveillance camera offers great user comfort and many useful features for an effective surveillance of hunting grounds, gardens and many other objects.

- Full HD video with audio, video length 5 to 60 seconds
- 3 MP sensor for improved night time pictures (interpolation up to 12 MP); image format: JPEG
- Extremely fast reaction time 0,6 s
- Invisible infrared flash with 63 LEDs 940 nm, flash range up to 20 meters (adjustable)
- 4 working time frames per day programmable
- Motion detector (PIR) ranging up to 20 m
- Takes pictures or videos, combined picture and video recording (1 picture + 10 s video)
- Combined time lapse and PIR triggering
- Displays date, time, temperature, moon phase and battery status on every image
- Clearly arranged LCD display 2"/5 cm for menu settings and image/video viewing with zoom function
- Weatherproof housing according to IP54
- Operation with 4, 8 or 12 AA Mignon batteries (not included)
- DC 5-12 V socket for optional external battery
- To be used with a SD/SDHC memory card up to 32 GB (not included)
- Multi-language menu navigation and manual
- Supplied with mounting strap



## 06 | NOMENCLATURE

- 01 Infrared LEDs
- 02 LED indicator/light sensor
- 03 Motion detector (PIR sensor)
- 04 Microphone
- 05 Camera lens
- 06 Tension lock
- 07 Eyelet for U-lock (lock optional)
- 08 LCD camera display
- 09 Slide control (OFF/SETUP/ON)
- 10 MENU button
- 11 Navigation button ◀/Zoom button
- 12 Navigation button ▲/Video mode button
- 13 Navigation button ▼/Photo mode button
- 14 Navigation button ▶/Release button
- 15 OK button /Playback button
- 16 Battery compartment
- 17 Connection external battery
- 18 Mini USB port
- 19 SD card slot
- 20 ¼" thread mount
- 21 Eyelets for mounting strap
- 22 Eyelet for cable lock (lock optional)
- 23 Mounting strap



## 06 | FIRST USE

### 06.1 INSERTING BATTERIES

Open the camera releasing the lateral tension lock (06). Make sure the slide control (09) is in position OFF.

#### ⚠ CAUTION

To avoid camera damages always make sure that camera slide control (09) is switched to position OFF when inserting batteries or changing SD card!

Insert 4, 8 or 12 AA/1,5 V batteries (optional) into the battery compartment (16). **Pay attention to the correct polarity (+/-)**. Make sure to use fresh high-quality batteries of the same brand. To setup the camera, 4 batteries (6 V) are sufficient. In observation mode please use 12 batteries. For best results we recommend the use of Panasonic Alkaline manganese batteries (optionally available from DÖRR).

#### ⚠ CAUTION

Do not use rechargeable batteries. They may lead to malfunction.

### 06.2 ALTERNATIVE POWER SUPPLY

Alternatively your camera can be operated with an external 6 V lead battery (battery cable required) or an AC Adapter 100-240 V (all optionally available from DÖRR). The 6 V battery as well as the AC adapter need to be connected to the cameras DC 5-12 V connection (17). Any inserted batteries do not need to be removed when using external power supplies. The camera automatically reverts to the inserted batteries as soon as the external power supply is disconnected.

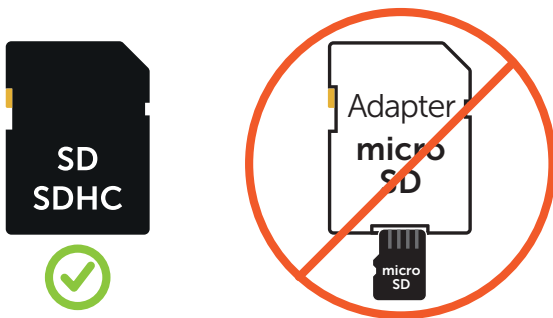
The LCD display (08) shows the symbol  when an external power supply is successfully connected.

### 06.3 INSERTING SD/SDHC MEMORY CARD

Insert a SD/SDHC memory card (optional) with the label facing upwards into the SD card slot (19). Make sure that the SD card is formatted and unlocked. The camera supports **SD/SDHC memory cards from 4 GB up to 32 GB** (optionally available from DÖRR).

#### ⚠ CAUTION

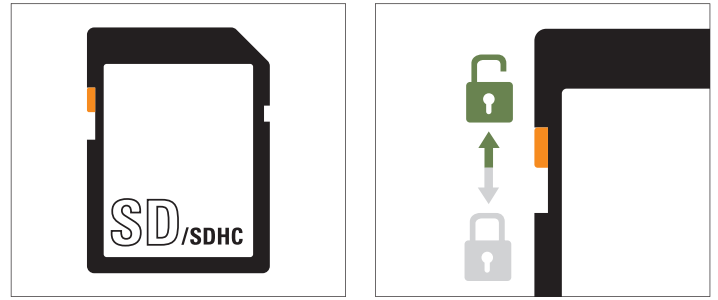
Only use SD/SDHC memory cards. Using a micro SD card in combination with an adapter may lead to malfunctions.



#### ⚠ IMPORTANT

Make sure that the SD card is formatted and unlocked!

## Unlocking SD card





In order to format the SD card with your camera, please read [chapter 12.7 "Format SD card"](#).



## 07 | MAIN SCREEN/MENU LANGUAGE/BASIC SETTINGS

Switch the slide control (09) to position SETUP. The LCD display (08) will show real time image and the basic settings.

### 07.1 OVERVIEW MAIN SCREEN

	Camera is in photo mode
<b>P</b>	Trigger mode (PIR)
<b>3MP</b>	Picture resolution 3 Mega Pixels
<b>0099/0011M</b>	Stored pictures/Remaining capacity SD card
<b>DD/MM/YY</b>	Date indicator
<b>HH:MM:SS</b>	Time indicator
	Battery status

### 07.2 MENU LANGUAGE

First please choose your desired menu language. The preselected menu language is **German**. In order to change the cameras menu language, press the menu button (10) then the navigation button  (14) until you reach the menu register  (SYS).

Press the navigation button  (13) and select the menu point "Sprache" (language). Confirm with OK button (15). Now navigate to the desired language (**English, French, Italian, Hungarian, Norwegian, Swedish, Czech, Danish, Finnish**) using the navigation buttons  (12) or  (13). Confirm your selection with OK button (15). Press the menu button (10) to return to the main screen.

### 07.3 BASIC SETTINGS

CAM		PIR		WKT		SYS
Camera Mode	Photo	Trigger Mode	PIR trigger	Work Time 1, 2, 3, 4	Off	Set Clock
Camera Scene	Auto	PIR Sensitivity	Auto			Language
Format	4:3	PIR Interval	1 Min			Password
						Rename
						Beep
						Overwrite
						Format SD Card
						Default
						Software Version

### 08 | CHANGING THE SETTINGS

In order to change the pre-settings, switch the slide control (09) to SETUP position and press the menu button (10). A list of the various menu registers appears in the LCD display (08):



- In order to switch the menu register, press the navigation buttons ► (14) or ◀ (11).
- To choose a menu point within the menu register, press the navigation buttons ▼ (13) or ▲ (12). **The chosen menu point is highlighted blue.**
- Press the OK button (15) to confirm your selection – the active selection is marked with a star (\*).
- If no input is detected, the camera automatically switches off after 3 minutes. In order to enter setup mode again, turn the camera OFF and switch the slide control (09) to SETUP position again.

### 09 | MENU CAM (CAMERA)

CAM		Options					
▼							
Camera Mode	OK	Photo *	OK	MENU			
				▼			
				Camera Scene	Auto *		
				▼ Close Object	OK		
				▼ Moving Object	OK		
				▼ Still Object	OK		
				▼ 2 Bursts (N+M)	OK		
				▼ 3 Bursts (N)	OK		
				▼ Chasing Photo	OK		
				▼ Customize	OK		
					▼ Photo Size	3 MP *	► 8 MP, 10 MP, 12 MP, 1.3 MP
					▼ Flash Power	High *	► Low, Medium
					▼ Photo Burst	1 Photo*	► 1 - 10 Photos
							OK
	▼	Video	OK	MENU			
				▼			
				Video Size			
				▼ 1080 P	OK		
				▼ 720 P *	OK		
				▼ WVGA	OK		
				▼ Video Length			
				▼ 10 Sec *			
				▼ 5 Sec - 60 Sec	OK		
	▼	Picture + Video	OK	MENU			

\* Pre-Setting

### 09.1 CAMERA MODE

Select whether the camera should record a single image ("Photo"), a video sequence ("Video") or a combination of picture and video ("Picture+Video"). Photos are stored in format **.JPG**, while videos have the format **.MOV**.

## 09.2 CAMERA MODE "PHOTO"

### 09.2.1 CAMERA SCENE

Choose from the pre-set camera scenes or change the settings individually:

Camera Scene	Description
<b>Auto</b>	8 MP colour picture at daytime 3 MP black/white picture at night
<b>Close Object</b>	Close distance 3 - 5 meters with suited flash range 8 MP/day – 3 MP/night
<b>Moving Object</b>	Faster shutter speed reduces motion blur 8 MP/day – 3 MP/night
<b>Still Object</b>	Reduces exposure time for a brighter image 8 MP/day – 3 MP/night
<b>2 Bursts (N+M)</b>	Takes 2 pictures per release Image No. 1 – mode: <b>Auto</b> Image No. 2 – mode: <b>Moving Object</b> (N = Auto, M = Moving Object)
<b>3 Bursts (N)</b>	Upon release camera takes 3 pictures in <b>Auto</b> mode.
<b>Chasing Photo (1+3)</b>	Upon release the camera takes 1 picture, followed by 3 pictures (every 5 seconds) within the next 15 seconds
<b>Customize</b>	<u>Customised parameter setting</u> <b>Photo Size:</b> 1.3 MP, 3 MP, 8 MP, 10 MP, 12 MP <b>PLEASE NOTE</b> The smaller the resolution, the more pictures fit on the SD card. The highest resolution does not always result in the best pictures. Picture noise can increase under bad light conditions. <b>Flash Power:</b> Low, Medium, High <b>Photo Burst:</b> 1-10 photos

### 09.2.2 WIDTH X HEIGHT RATIO

Choose the desired picture format **4:3** or **16:9**.

## 09.3 CAMERA MODE "VIDEO"

### 09.3.1 VIDEO SIZE

Choose the desired video quality:

**1080 P = Full HD** (1920 x 1080 pixels, 30 fps/frames per sec.)

**720 P = HD Ready** (1280 x 720 Pixel, 30 fps/frames per sec.)

**WVGA** (848 x 480 Pixel, 30 fps/frames per sec.)

### 09.3.2 VIDEO LENGTH

Choose the desired video length: **from 5 to 60 seconds**.

## 09.4 CAMERA MODE "PICTURE+VIDEO"

Upon release, **1 picture (3 MP) and a subsequent video (720 P) with 10 seconds length** will be shot. This pre-set cannot be changed.

10.1 TRIGGER MODE

PIR	Options				
▼					
Trigger Mode	OK	PIR Trigger *	OK	MENU	
				▼ PIR Sensitivity	OK
					▼ Low
					▼ Auto *
					▼ High
					OK
				▼ PIR Interval	OK
					▼ 1 min *
					▼ 1 min - 60 min, 0 sec - 55 sec
					OK
▼					
Trigger Mode	OK	Time Lapse	OK	MENU	
				▼ Timer Interval	OK
					▼ 4 hrs *
					▼ 1 hrs - 8 hrs, 24 hrs, 5 sec - 55 sec, 1 min - 55 min
					OK
▼					
Trigger Mode	OK	Both	OK	MENU	

\* Pre-Setting

10.1.1 PIR TRIGGER

The Passive Infrared Sensor (PIR) triggers upon motion or detection of temperature changes within the PIR detection zone.

10.1.2 TIME LAPSE

The camera releases a picture in the selected interval, **regardless of PIR sensor**.

Example: **Setting 4 hours** camera releases a picture every 4 hours

10.1.3 BOTH (COMBINATION)

A combination out of PIR Interval and Time Lapse.

10.2 PIR SENSITIVITY

Choose the sensitivity of the PIR sensor:

**Auto:** Intelligent PIR trigger adjustment

**Low:** Reduces false triggering caused by environmental influences (e.g. moving branches, strong direct sunlight or small animals right in front of the PIR etc.)

**High:** PIR recognizes even small movement or differences in temperature

10.3 PIR INTERVAL

Select the duration during the PIR detection is paused until set active again.


Example: **Setting 5 minutes** Camera releases and then is forced to standby for 5 minutes. After 5 minutes the PIR sensor is activated again and the camera is ready for the next release.



WKT	Options					
▼ Work Time 1	OK					
▼	Off *					
▼	On	OK	Start: 00:00 (HHMM)	▼▲	Set start time	
				▶◀	Next input field	
			Stop: 00:00 (HHMM)	▼▲	Set stop time	
				▶◀	Next input field	
			Select working days	All	✓	Sun., Mon., Tue., Wed., Thu., Fri., Sat.
			deselect days	▼		not active
			select days	▲	✓	active
						OK
▼ Work Time 2	(Setting see Work Time 1)					
▼ Work Time 3	(Setting see Work Time 1)					
▼ Work Time 4	(Setting see Work Time 1)					

\*Pre-Setting

**Work Time 1-4**

Set the working time of the camera. Outside of the working time & days set, the camera will not be active (standby) and it is turning to power saving mode (Standby). You can select the start and stop times, as well as all or individual days of the week. For Work Time 2-4 repeat the steps as described for Work Time 1. Per day max. 4 Work Times selectable. **If a Work Time is set, the LCD display (08) shows the symbol .**

If functions is OFF the camera will be active 24 hours.

SYS		Options					
▼							
Set Clock	OK	DD/MM/YYYY (Format: Day/Month/Year)					
	▼	MM/DD/YYYY (Format: Month/Day/Year)					
	▼	YYYY/MM/DD (Format: Year/Month/Day)	▼				
			▶	Next input field	▼▲	Set values	▶
		00:00:00	▶	Set time	▼▲	Set values	▶
							OK
▼							
Language	OK	German *					
	▼	English, French, Italian, Hungarian, Norwegian, Swedish, Czech, Danish, Finnish	OK				
▼							
Password	OK	Off *					
	▼	On	OK	0 0 0 0	▼▲	Set values	▶
							Next input field
							OK
▼							
Rename	OK	Off *					
	▼	On	OK	0-9, A-Z, a-z only	▼▲	Set values	▶
							Next input field
							OK
▼							
Beep	OK	Off *					
	▼	On	OK				
▼							
Overwrite	OK	Off					
	▼	On *	OK				
▼							
Format SD Card	OK	Format SD Card					
	▼	No					
		Yes	OK				
▼							
Default	OK	Restore all customer setting to default value					
	▼	No					
		Yes	OK				
▼							
Software Version	OK	Software Version					
		NO SETTINGS POSSIBLE					

\*Pre-Setting

### 12.1 SET CLOCK (DATE AND TIME)

Enter date in format **DD/MM/YYYY** (day/month/year), **MM/DD/YYYY** (month/day/year) or **YYYY/MM/DD** (year/month/day). Time has to be set to 24 hours format **HH:MM:SS** (hours, minutes, seconds).

### 12.2 LANGUAGE

Choose the desired camera menu language: **English, French, Italian, Hungarian, Norwegian, Swedish, Czech, Danish, Finnish**.

### 12.3 PASSWORD

Secure the camera with a password to avoid misuse. The password is needed every time the slide control (09) is switched to SETUP position. Without the correct password it is impossible to operate the camera properly. **The default password is 0000. Note your password carefully, without the password the camera cannot be operated.**

### 12.4 RENAME

**Set "On" (recommended):** It is now possible to enter a name for the camera. Enter a name using up to **8 characters**. The name appears on each image.

### ▲ CAUTION

**Please enter the name in one word using letters and numbers only. Do not use any special characters or blanks!**

### 12.5 BEEP

Activate or deactivate the **beep tone for the control buttons**.

## 12.6 OVERWRITE

**Set "On":** As soon as the SD card is full, the camera will overwrite the oldest pictures with new ones.

**Set "Off":** As soon as the SD card is full, the camera will stop recording until the SD card is changed or SD card is formatted.

## 12.7 FORMAT SD CARD

This function deletes all data on the SD card.

### ⚠ CAUTION

**Make sure that you do not need the files on the SD card anymore, before you start formatting!**

## 12.8 DEFAULT

This function restores all settings to initial factory settings (except date and time).

## 12.9 SOFTWARE VERSION

Shows the software version of camera – no settings possible.


## 13 | TEST PHOTO AND VIDEO

In SETUP mode a test picture or video can be released and viewed directly. Switch the slide control (09) to position SETUP.

### 13.1 TEST PHOTO

Press the release button SHOT ▶ (14) to release a test picture. Press the Playback button ▶ (15) to display the test photo.

### 13.2 TEST VIDEO


Press the navigation button ▲ (12) to switch to video mode. You can see the symbol (  ) in the top-left corner in the LCD display (08). Press the release button SHOT ▶ (14) to start recording. To stop recording, press the release button SHOT ▶ (14) again. To display the start frame of the video, press the Playback button ▶ (15). To play the test video, press the release button SHOT ▶ (14). To stop the playback, press the release button SHOT ▶ (14) again.

With the OK button (15) you will return to main/live screen.

## 14 | WATCHING PHOTOS AND VIDEOS ON LCD DISPLAY/DELETE


### 14.1 WATCHING PHOTOS

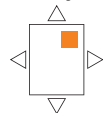
Switch the slide control (09) to position SETUP. Press OK button (15). The latest record appears on screen. Whether if it is a picture or a video you may see in the top left corner on the LCD display (08):

 = Photo       = Video

Browse through your records with the navigation buttons ▲ (12) or ▼ (13).

#### 14.1.1 ZOOM FUNCTION

If the record is a **photo**  you can zoom in all areas of the picture. Press the ◀ ZOOM button (11) repeatedly, until you reached the desired zoom factor. The zoom factor (1,3x/1,7x/2,1x/2,5x/2,8x/3,2x/3,6x/max. 4x) is shown in the below left corner of the LCD display (08). Press the OK button (15). With the navigation buttons ◀/▶/▲/▼ you can move within the image. The zoom area is marked with an orange square in the check box:



To exit the zoom mode, press the menu button (10).

### 14.2 VIDEO PLAYBACK

If the record is a **video** , press the navigation button ▶ (14). to play the video on the LCD display. With the OK button (15) you will return to main screen.

## 14.3 DELETE PHOTOS AND VIDEOS

### ▲ CAUTION

Once deleted, you can not restore pictures or videos again!

#### 14.3.1 DELETE SINGLE PICTURE/VIDEO

Switch the slide control (09) to position SETUP. Press the OK button (15). Select the picture/video you want to delete with the navigation buttons ▲ (12) or ▼ (13). Press the menu button (10). Select "Delete One" with navigation buttons ▲ (12) or ▼ (13). Confirm the deletion with OK button (15) and reconfirm with "Yes" (delete) or "No" to cancel the deletion.

#### 14.3.2 DELETE ALL PHOTOS AND VIDEOS

Switch the slide control (09) to position SETUP. Press the OK button (15). Select any picture/video with the navigation buttons ▲ (12) or ▼ (13). Press the menu button (10). Select "Delete All" with navigation buttons ▲ (12) or ▼ (13). Confirm the deletion with OK button (15) and reconfirm with "Yes" (delete) or "No" to cancel the deletion. **This deletes all pictures and videos from the SD card!**

## 15 | MOUNTING THE CAMERA

Pull the **supplied mounting strap** through the eyelet (21) on the rear side of the camera and mount the camera to a tree, pole or any suitable object. Do not fully tighten the belt at this stage. **The optimum distance to the observed object is between 3 - 10 meters.** Larger distances are also possible, however with less reliability of the motion sensor. We recommend to direct the camera first (read chapter 16) and to take a few test shots (refer to chapter 13) before finally fixing the camera.

Our optional accessories such as the **patented DÖRR holding fixture** are designed for fast and easy mounting of the camera at a tree, wall or other object. The camera clicks into the holding fixture and is firmly held in the place. The camera can be removed easily for a quick change of place of action. The ball head with fixing screw ensures a flexible direction of the camera. The fixture is rotatable by 360° and swivels up to 30° in all directions.

Ask your specialized dealer for: **DÖRR Holding Fixture for SnapShot Multi, Item No. 204490**

With an additional cable lock (optional) pulled through the specific eyelets (22) on the rear side of the camera, your camera will be secured against theft.

### NOTE

For further optional accessories, please visit [doerr-outdoor.de](http://doerr-outdoor.de).

## 16 | ORIENTATION OF THE CAMERA

1. Fix the camera at a height of **0,75 m to 1,00 m** and slightly tilt it forward. The camera lens (05) should now point to the position, where the object of photography or filming is expected.
2. Switch the slide control (09) to the position SETUP and close the camera housing. When moving in front of the camera, the LED indicator (02) flashes red. The red LED (02) will flash as long as movement is detected within the motion detector range.
3. We recommend to take a test picture now. Switch the slide control (09) to position ON and close the camera housing. After approx. 30s the camera is ready to detect - while camera is preparing, the red LED (02) is flashing.
4. After the LED indicator (02) turned off, move with normal speed through detection area in front of camera. The camera releases a picture. Watch the picture on LCD display (08) as described in chapter 14.1. The camera should be oriented in a way that the object will appear in the center of the picture. You may have to re-adjust the camera and take another test shot.
5. Once the camera position is correct, tighten the mounting belt firmly.

**NOTE** To change the camera angle you may use e.g. a small wooden wedge and clamp it between camera and trunk.

## 17 | START SURVEILLANCE

In order to get the camera ready to work, switch the slide control (09) to position ON and close the camera housing. After approx. 15 - 30 sec. the camera will be in surveillance mode and in case of detected movements, it takes pictures/videos according to your settings.

## 18 | CAMERA INSPECTION

There are various possibilities to check if pictures/videos have been taken:

1. Open the camera and move the slide control (09) to position OFF. After 1-2 seconds switch the slide control (09) to position SETUP. The LCD Display (08) shows the main/live screen. The bottom line shows how many pictures have been taken and how many still fit on the SD card (e.g. 000034/001846 m). Press the playback button ► (15) to view the images on the LCD display (08).
2. Alternatively, you can view the images comfortably on your home PC or a device with SD card slot.

### ⚠ CAUTION:

To avoid camera damages, always make sure the slide control (09) is in position OFF before removing the SD card.

### NOTE

When checking the camera function, always check the battery status. If the batteries are no longer providing sufficient power, there may be deficiencies with the quality of the pictures, especially with nightly shots since the flash may require more energy than what the discharged batteries can supply. In case of doubt, exchange batteries.

## 19 | CLEANING AND STORAGE

Never use aggressive cleansing agents or benzene to clean the device. We recommend a soft, slightly damp microfiber cloth to clean the outer parts of the device. Make sure to remove the batteries before cleaning! Store the device in a dust-free, dry and cool place. **This device is not a toy – keep it out of reach of children.** Keep the device away from pets.

## 20 | IMPORTANT INFORMATION AND TIPS

### 20.1 SD CARDS

The camera only works with a SD/SDHC card. There are SD/SDHC cards which may not work with the DÖRR SnapShot and may affect the function of the camera. Usually it helps to use another SD/SDHC card of other brand or different capacity. We recommend using a SDHC card with a capacity of 4 GB up to max. 32 GB. (optionally available from DÖRR).

### 20.2 MOTION DETECTOR

The motion detector will react under certain circumstances and within a certain range. The recognition of objects depends on temperature, vegetal cover, reflecting surfaces etc. Under optimum conditions, this means a perfectly orientated camera and high sensitivity level adjustment, the recognition range can be up to 20 m. Usually, you may expect a range of 10 m. It may take a few attempts to find the proper position for your camera. When you test the motion detector reaction, be aware of the fact that animals are usually remarkably smaller than human beings. They might be under the PIR detection range and not be recognised.

### 20.3 LIGHT CONDITIONS

When you choose the camera position, avoid direct back light as you do in normal photography.

### 20.4 WEATHER PROTECTION

Although the camera is weatherproof and well-suited for outdoor use (dust and splash waterproof according to protection class IP54), we recommend mounting the camera in a secured place and if possible not on the weather side or in direct sunshine. After long periods of humidity caused by rain or fog, the camera should be stored in a dry area for a few days.

## 21 | TECHNICAL SPECIFICATIONS

Recording capability	Photo / Video with audio / Photo+Video with audio
Combined picture and video recording	Yes
Number of LEDs / LED Type	63 invisible Black Vision Infrared LEDs, 940nm
Flash range max. approx. [m]	20 m
Detection range motion sensor approx.	20 m / 58°
Picture angle approx.	58°
Trigger speed PIR sensor approx.	0,6 s
Picture resolution [MP]	1,3 MP / 3 MP real / 8 MP, 10 MP, 12 MP interpolated
Video resolution	Full HD 1080P (1920x1080) / HD 720P (1280x720) / WVGA (848x480)
Video length	5-60 s
Digital picture format	JPEG
Digital video format	MOV
Mobile transmission	No
Display	2" LCD TFT colour display
Playback on display	Photo with zoom function, video without audio
Multiple shots (pictures per release)	1-10
Delay PIR Sensor	0 seconds to 60 minutes
Time frames per day	4
Time lapse function	Yes
Time stamp on image	Camera name, battery status, temperature (°F/°C), moon phase, date, time
Sensitivity PIR sensor	Low, auto, high
Menu language	DE, GB, FR, IT, HU, CZ, DK, NO, SE, FI
Password protection	Yes
Memory card	SD/SDHC 4 GB to max. 32 GB (optional)
Protection class	IP54
Thread mount 1/4"	Yes
Compatible with Dörr Holding Fixture (Item No. 204490)	Yes (optional)
Power supply	4x/8x/12x Mignon AA LR6 1,5 V Alkaline batteries (optional)
Operating voltage	6 - 12 V
Standby consumption approx. [µA]	300
Socket for external battery	Yes
Operating temperature approx. [°C]	-20°C to +60°C
Storage temperature approx. [°C]	-30°C to +70°C
Relative humidity approx. [%]	5% - 95%
Colour	camouflage
Dimensions approx. [cm]	11,5 x 14,6 x 6,7 cm
Weight without batteries approx. [g]	390 g

**NOTE** Specifications and design are subject to change without notice. Latest manuals can be downloaded here: [www.doerr-outdoor.de/204410](http://www.doerr-outdoor.de/204410)

## 22 | SCOPE OF DELIVERY

- 1x Game & Surveillance Camera
- 1x Mounting strap
- 1x Quick start instruction



### 23.1 DISPOSAL OF BATTERIES/ACCUMULATORS

Batteries are marked with the symbol of a crossed out bin. This symbol indicates that empty batteries or accumulators which can no longer be charged should not be disposed of with household waste. Waste batteries may contain harmful substances that can cause damage to health and to the environment. Please use the return and collection systems available in your country for the disposal of the waste batteries.



### 23.2 WEEE INFORMATION

The Waste Electrical and Electronic Equipment Directive (WEEE Directive) is the European community directive on waste electrical and electronic equipment, which became European law in February 2003. The main purpose of this directive is to prevent electronic waste. Recycling and other forms of waste recovery should be encouraged to reduce waste. The symbol (trash can) on the product and on the packing means that used electrical and electronic products should not be disposed of with general household waste. It is your responsibility to dispose of all your electronic or electrical waste at designated collection points. Disposing of this product correctly will help to save valuable resources and it is a significant contribution to protect our environment as well as human health. For more information about the correct disposal of electrical and electronic equipment, recycling and collection points please contact your local authorities, waste management companies, your retailer or the manufacturer of this device.

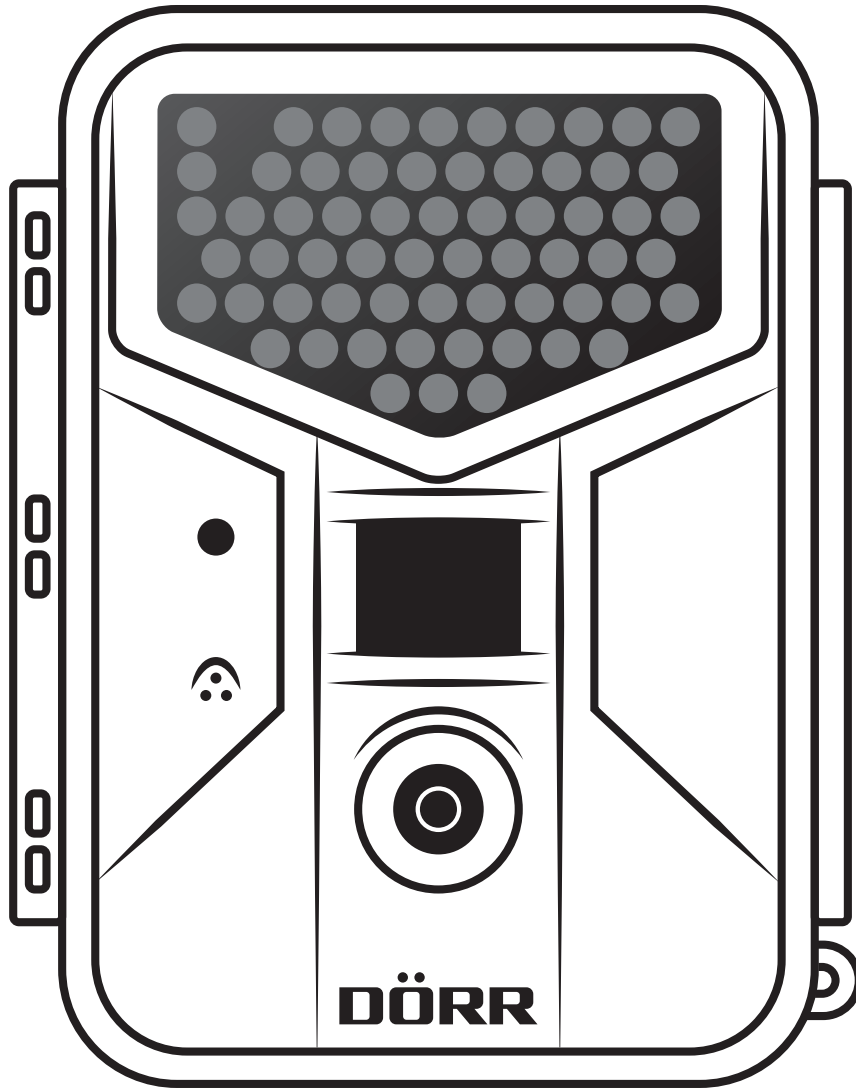
### 23.3 ROHS CONFORMITY

This product is compliant with the European RoHS directive for the restriction of use of certain hazardous substances in electrical and electronic equipment and its amendments.



### 23.4 CE MARKING

The CE marking complies with the European standards and indicates that the product meets the requirements of the applicable EU directives.



**GAME & SURVEILLANCE CAMERA**  
**SNAPSHOT EXTRA BLACK 12.0i HD**  
Item No 204410