WildCam Black IR X42
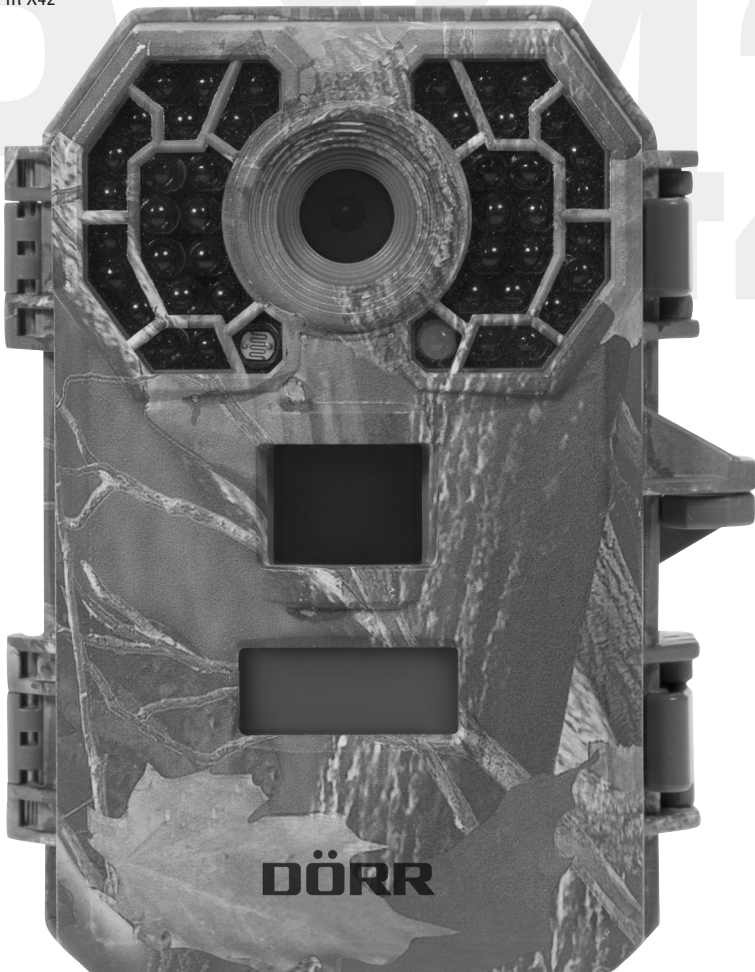
INSTRUCTION MANUAL

GB GAME AND SURVEILLANCE CAMERA
WildCam Black IR X42

DÖRR WildCam IR X42 Game and Surveillance Camera

IMPORTANT NOTES

Before starting to use the camera, please note the following safety hints:

- Your camera is fitted with a weatherproof housing according to protection class IP54 (dust and splash waterproof). Therefore the camera can be used outdoors. Nevertheless protect the camera from extreme weather conditions and direct sunlight.
- The recommended storage and operation temperature is -10 to 40°C.
- Make sure to use fresh batteries of the same type and brand only.
- Use a soft cleaning tissue to clean the camera lens. Avoid touching the lens with your fingers.
- Remove dust and spots at the camera housing with a soft and slightly damp tissue.
- Store the camera at a dry and cool place when not in use.
- Remove the batteries in case you do not use the camera for a longer period.
- Do not drop the camera onto a hard surface.
- Do not open the camera housing (except protective cover and battery cover). The warranty will become void. In case of a defect, send the camera to an authorized service agent.
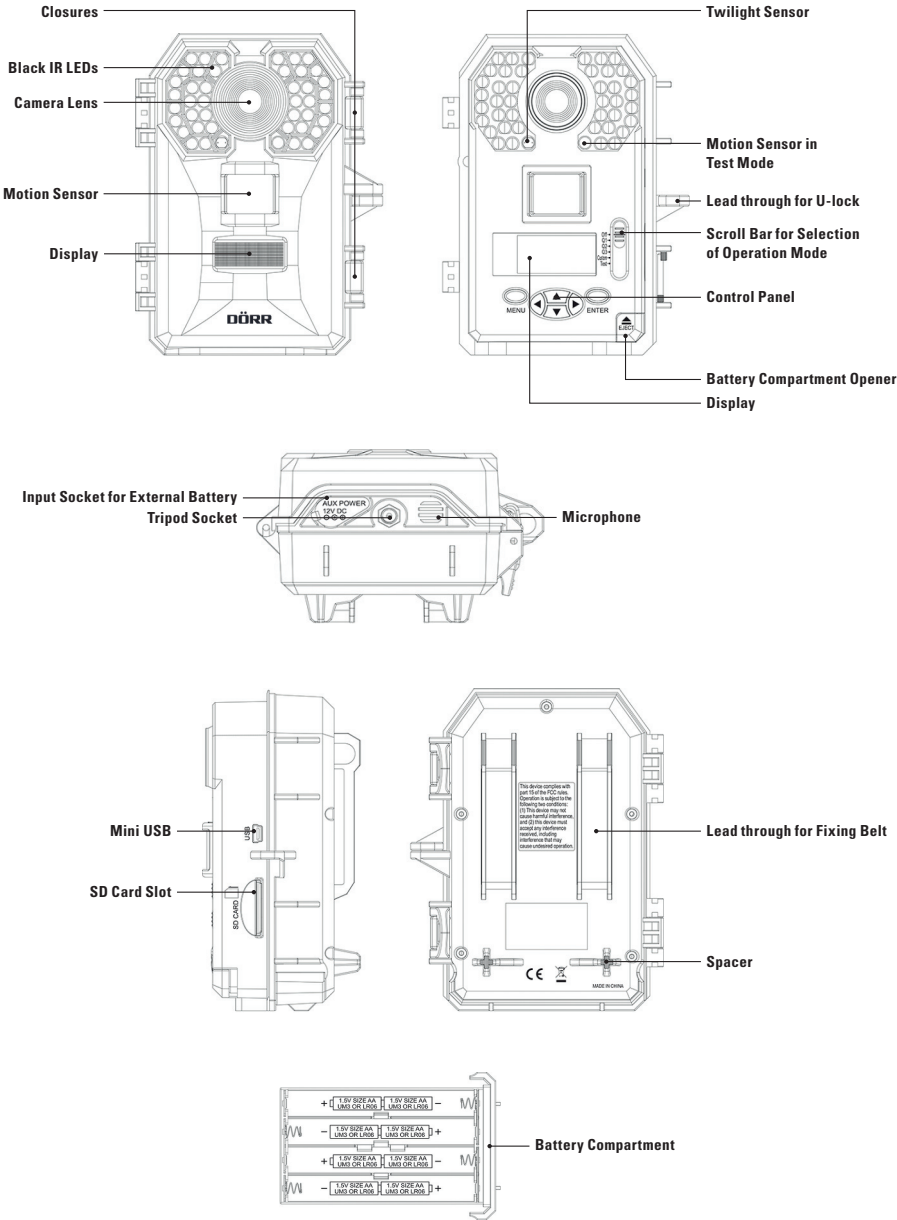- Up to date manuals can be found at www.download.doerrfoto.info/manuals/

NOTE The camera is high precision electrical device. Do not attempt to repair it by yourself.
When opening the housing, there is a risk of high voltage and other kind of risks.

NOTE Make sure to respect the regulations of privacy protection.

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CAMERA DESCRIPTION AND OVERVIEW

Closures

Black IR LEDs

Camera Lens

Motion Sensor

Display

Twilight Sensor

Motion Sensor in Test Mode

Lead through for U-lock

Scroll Bar for Selection of Operation Mode

Control Panel

MENU   ENTER   EJECT

Battery Compartment Opener

Display

DÖRR

Input Socket for External Battery

Tripod Socket

AUX POWER 12V DC

Microphone

Mini USB

SD Card Slot

Lead through for Fixing Belt

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.

MADE IN CHINA

Spacer

1.5V SIZE AA UM3 OR LR06   1.5V SIZE AA UM3 OR LR06

1.5V SIZE AA UM3 OR LR06   1.5V SIZE AA UM3 OR LR06

1.5V SIZE AA UM3 OR LR06   1.5V SIZE AA UM3 OR LR06

1.5V SIZE AA UM3 OR LR06   1.5V SIZE AA UM3 OR LR06

Battery Compartment

QUICK START GUIDE

Choose one of the two available Energy Sources
Insert 8 AA batteries into the battery compartment making sure to respect the correct polarity or connect the camera to a 12 V battery using the socket DC 12 V located at the camera bottom.
AA batteries and 12 V battery are not included in the packaging.

Insertion of the SD/SDHC Memory Card
Insert the SD memory card into the card slot at the lateral side of the camera. Note the symbol indicating the direction for the insertion. Make sure to use a SD/SDHC memory card with a capacity of minimum 2 GB, max 32 GB and speed of minimum Class 10.

Camera Installation
Mount the camera on a tree or pole or any other suitable object using the supplied belt. Do not fix the belt finally at this stage. Make sure that the camera won't move with the wind. The optimum distance to the object is between 3 to 18 meters. Theoretically, larger distances are also possible, however with less reliability and a larger picture frame. We recommend to take a few test shots and to finally fix the camera afterwards – read more in chapter camera programming.
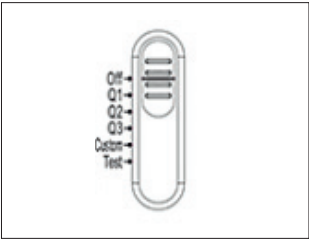
Camera Activation
Use the scroll bar to select the desired setting.

Position	Default Settings
QSET1	Resolution 8 MP– 3 pictures – 30 s delay
QSET2	Resolution 8 MP – 1 picture – 30 s delay
QSET3	10 s Video HD1280 x 720 – 30 s delay
CUSTOM	Resolution 4 MP – 1 picture – 5 s delay (default)

Definition of delay: It is a predetermined pause during which the motion sensor is not active and no images will be taken.

Once the scroll bar is on the desired setting, the camera will be ready to shoot after 30s.

CAMERA PROGRAMMING

Your camera offers 6 operation modes:
OFF / QSET1 / QSET2 / QSET3 / CUSTOM / TEST.

The selected setting becomes active immediately after use of the scroll bar.

OFF:
This setting switches the camera off.

QSET1: Quick-Set 1   Quick-Set Program 1
With this setting, the screen shows the desired settings and starts a 30 s countdown. Thereafter the camera is activated. The display also shows a chart indicating the battery status and the number of picture saved on the SD card.In case the camera does not notice any movements, the display will switch off after 10s.

In this mode the camera takes pictures with a resolution of 8 MP. With every activation of the motion sensor, the camera takes 3 continuous shots. Then the motion sensor takes a 30 s pause during which no pictures are taken.

QSET2: Quick-Set 2   Quick-Set Program 2
With this setting, the screen shows the desired settings and starts a 30 s countdown. Thereafter the camera is activated. Same display information as with QSET1.

In this mode the camera takes pictures with a resolution of 8 MP. With every activation of the motion sensor, the camera takes 1 picture. Then the motion sensor takes a 30 s pause during which no pictures are taken.
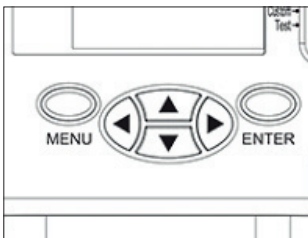
QSET3: Quick Set 3   Quick-Set Program 3
With this setting, the screen shows the desired settings and starts a 30 s countdown. Thereafter the camera is activated. Same display information as with QSET1.

In this mode the camera takes a 10 s video sequence with HD resolution. Then the motion sensor takes a 30 s pause during which no pictures are taken.

PROGRAMMING – TIME AND DATE SETTING

Custom:
In this mode, you can program the camera according to your requirements. There are also the default settings

Move the scroll bar to "Custom", press Menu to enter the program mode. In the program mode, navigate as follows:
Move within the main menu using the UP ⬆ and DOWN ⬇. If you wish to change menu items, confirm with ENTER. Select values using the LEFT ➡ and RIGHT ⬅ arrows. Then confirm with ENTER

Example in menu item "Date":
• Choose custom mode using the scroll bar. Press MENU and select DATE.
  Press ENTER to confirm. Now set the weekday using ⬆ and ⬇. Confirm the setting with ➡ and repeat the procedure with MONTH and YEAR. Then confirm with ENTER.

Note If do not enter a setting, the display will switch off. Press MENU to reactivate the camera. Now start programming by pressing the MENU button again.

The following settings can be changed using the same navigation tools:

- **Date**
- **Time**
- **Time Format**   24 hours/12 hours AM - PM
- Camera Mode: **photo, video, continuous shooting**

  When the 3 settings are made, the menu choice changes as follows:

- **Photo Mode**

  Resolution   0,5 MP/2 MP/4 MP/8 MP selectable

  Delay   3 s up to 59 min, 59 s selectable

  Reduce Blur   Reduces blur in case of movements. Intensitiy can be selected standard/high.

  No. of Pictures   1 - 9 images (Multiburst) per motion detection selectable

- **Video Mode**

  Delay   3 s up to 59 min, 59 s selectable

  Resolution   HD 1280 x 720/720 x 480

  Video Duration   10 s to 180 s, selectable in 5 steps

  Audio   On/Off

- **Continuous Shooting Mode**

  Resolution   0,5 MP/2 MP/4 MP/8 MP selectable

  Delay   **Bewegungssensor**   3 Sekunden bis 59 Minuten und 59 Sekunden wählbar

  Delay   **Serienbild**   3 Sekunden bis 59 Minuten und 59 Sekunden wählbar

  When the continuous shooting mode is activated, the motion sensor remains active, depending on the setting and may release when a motion is recognized. The delay of the motion sensor should always be the same or longer then the delay of the continuous shooting mode. In case the camera does not react on motion, set the delay of the motion sensor to the longest possible period.

  Continuous Mode Start   enter time

  Continuous Mode Stop   enter time

  Reduce Blur   Blur caused by movement is reduced. Intensitiy can be selected standard/high.

- **Camera Name**   Enter a name which will be displayed on the images
- **Temperature**   Celsius/Fahrenheit
- **Time Stamp**   on/off
- **Latitude**   enter local latitude
- **Longitude**   enter local longitude

  If you enter the camera position, the data will be saved with the picture information

- **Reset**   Reset default settings **No/Yes**
- **Password**   **On/Off** – Select "On" and enter a 4 digit password, confirm with Enter. Please make sure to note the password and store the note at a safe place.
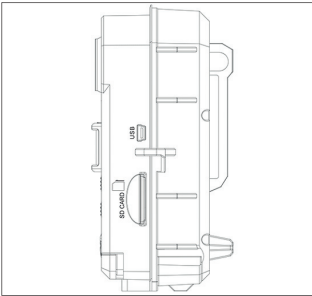- **Format SD**   **No/Yes** – SD card formatting. Attention: card content will be deleted!
- **Languages**   German, English, Spanish, French

Test Mode:

Move the scroll bar to position "Test". Position your camera at the desired place. Now you can check the range of the motion sensor. Move forward, backward, to the left and to the right. As long as you move within the sensor's range a green LED will blink at the right top window at the camera front. Once you move out of the range, the green LED stops blinking. Whenever necessary, redirect the camera.

MEMORY CARD SD/SDHC

Installation

Open the camera's protective housing. The SD card slot is located at right-hand housing side. Insert the SD memory card as shown on the sketch at the housing. Make sure to format the memory card and that the card is not write-protected. The display will indicate a missing or false SD memory card.
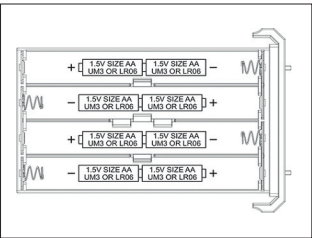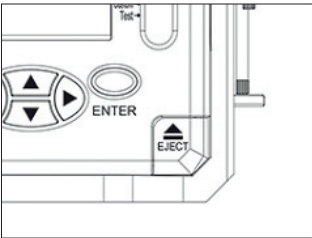
The camera supports SD/SDHC cards with a capacity of 2 GB to 32 GB. For best results we recommend the use LEXAR brand cards with a speed of minimum "Class 10".

SD CARD CAPACITY OVERVIEW

Chart shows number of pictures or video sequences depending on resolution and SD card capacity.

	8 MP	4 MP	2 MP	0,5 MP	HD Video 10 s
2 GB SD C	384	768	1536	6144	71
4 GB SDHC	768	1536	3072	12288	142
8 GB SDHC	1536	3072	6144	25576	284
16 GB SDHC	3072	6144	12288	49152	568
32 GB SDHC	6144	12288	24576	98304	1216

EXCHANGE OF BATTERIES

Press EJECT at the battery opener. The cassette will come out of the housing. Now insert 8 AA batteries into the battery cassette, making sure to respect the correct polarity. We recommend to use fresh batteries of the same type and brand only.

VIEWING IMAGES AND DELETING IMAGES

There are two ways to view the images and to delete them:

External Card Reader   Remove the SD card from your camera and use an external card reader to view the images on your computer. You can now copy and paste them or delete them.

Viewing from Camera   Connect the camera to your computer using a USB cable. Your computer will recognize the SD card as a removable medium. Now you can view, copy and paste or delete your images.

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SPECIFICATIONS

Number and Type of LEDs	42 high performance infrared LEDs
Infrared Flash	IR 940 nm
Trigger Time	approx. 0,5 s
Resolution of Camera Sensor	2 MP Sensor of latest generation/Photos interpolated up to 10 MP/Video HD 1280 x 720/720 x 480
Video Sequence Length	10 to 180 s in 5 s steps selectable
No. of Photos per Motion Detection	1 to 6 pictures (Burst) selectable
Video Photo File Format	Photo – JPEG, Video – AVI
Video Codex	MJPEG
Refresh Rate	30 frames per second
Motion Sensor	45° angle, distance approx. 20 m
Flash Range	approx. 30 m
Sensor Delay	1 s up to 60 min selectable
Time Stamp	Displays date, time, temperature, moon phase
Continuous Shooting Mode	yes
Housing Protection Class	IP 54
Energy Source	8 x 1,5 V Mignon AA batteries or 12 V external battery (not included)
Memory Card	SD/SDHC 2 GB up to 32 GB (not included)

Specifications and design are subject to change without notice.   **03.2015**

EUROPEAN CONFORMITY DECLARATION NOTES

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 below 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.

ROHS CONFORMITY   This product is compliant with the European directive 2011/65/EU of January 03, 2013 for the restriction of use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.

CE MARKING   The CE marking complies with the European directives.
You can download the relative EU declaration of conformity with following link:
http://www.doerrfoto.de/info/EG-Konformitätserklärungen

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