

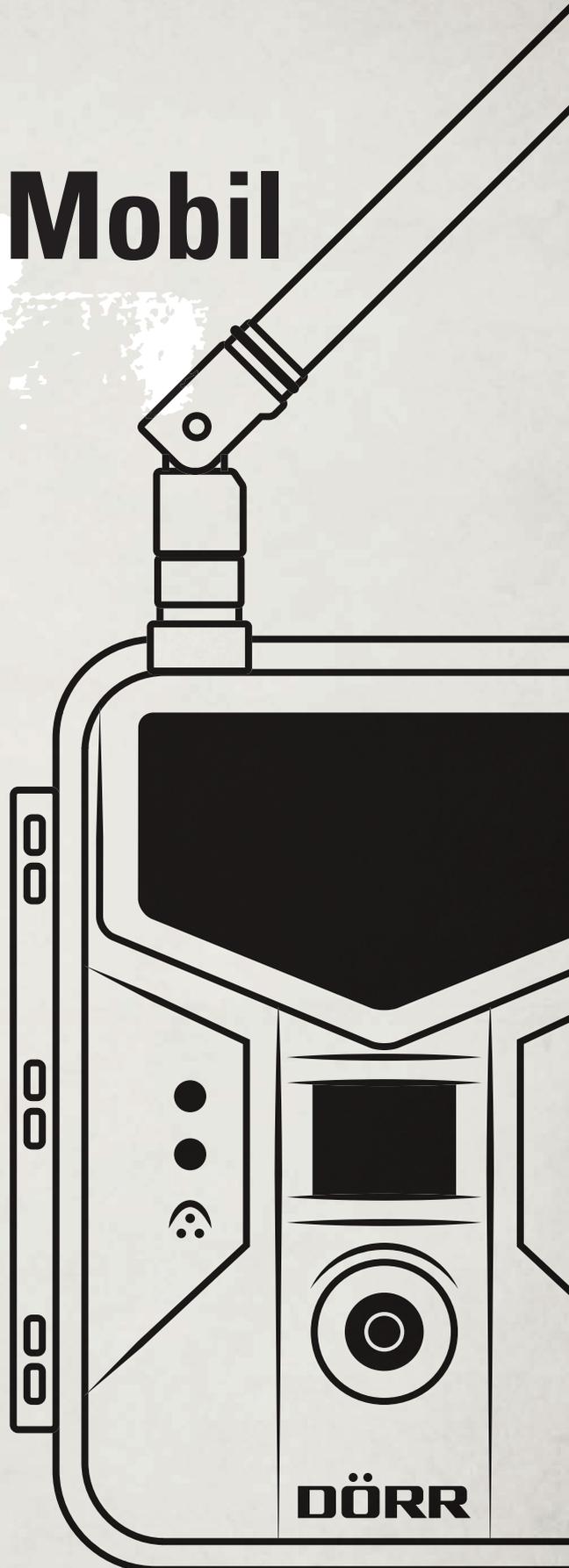
# SnapShot Multi Mobil

## 3G 16MP HD

GB

### INSTRUCTION MANUAL GAME & SURVEILLANCE CAMERA

In order to use the sending function of your camera successfully you need to set it up with the help of a PC with **Microsoft® Windows operating system.**





**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.**

## INDEX

- 01 | **SAFETY HINTS**
- 02 | **SAFETY HINTS FOR BATTERIES**
- 03 | **PRIVACY POLICY**
- 04 | **MOBILE PHONE COSTS**
- 05 | **PRODUCT DESCRIPTION**
- 06 | **FEATURES**
- 07 | **NOMENCLATURE**
- 08 | **FIRST USE**
  - 08.1 Inserting the batteries
  - 08.2 Alternative Power Supply
  - 08.3 Inserting SD card
  - 08.4 Installing SIM card
- 09 | **CAMERA SETTINGS**
  - 09.1 Changing Menu language
  - 09.2 Basic settings
- 10 | **DOWNLOAD U SET TO YOUR PC**
- 11 | **U SET.EXE (SETUP PROGRAM)**
  - 11.1 Send Mode
  - 11.2 Operator Parameter
  - 11.3 Send to
  - 11.4 SMS Control
  - 11.5 Recipient
  - 11.6 Rename
  - 11.7 CAM Setting (Camera Settings)
  - 11.8 Default All
  - 11.9 Save Path
- 12 | **TRANSFER SETTINGS TO THE CAMERA**
- 13 | **MANUAL PICTURE TRANSMISSION**
- 14 | **CAMERA MENU SETTINGS**
  - 14.1 Camera settings CAM
  - 14.2 Motion detector settings PIR
  - 14.3 Mobile network settings NET
  - 14.4 System settings SYS (System)
- 15 | **SMS CONTROL FUNCTION**
  - 15.1 List of SMS commands
- 16 | **WATCHING PHOTOS AND VIDEOS ON SCREEN/DELETE**
  - 16.1 Display photos and videos on LCD screen
  - 16.2 Delete photos and videos
- 17 | **TEST PHOTO AND VIDEO**
- 18 | **MOUNTING THE CAMERA**
- 19 | **ORIENTATION OF THE CAMERA**
- 20 | **START SURVEILLANCE**
- 21 | **CAMERA INSPECTION**
- 22 | **CLEANING AND STORAGE**
- 23 | **IMPORTANT INFORMATION AND TIPS**
  - 23.1 SIM card
  - 23.2 Mobile network
  - 23.3 SD cards
  - 23.4 WiFi® SD cards
  - 23.5 Motion detector
  - 23.6 Light conditions
  - 23.7 Weather protection
- 24 | **TECHNICAL SPECIFICATIONS**
  - 22.1 Technical changes
- 25 | **SCOPE OF DELIVERY**
- 26 | **ACCESSORY (OPTIONAL)**
- 27 | **DISPOSAL, CE MARKING, SIMPLIFIED EU DECLARATION OF CONFORMITY**
  - 27.1 Disposal of batteries/accumulators
  - 27.2 WEEE information
  - 27.3 RoHS conformity
  - 27.4 CE Marking
  - 27.5 Simplified EU Declaration of Conformity

## 01 | ⚠ SAFETY HINTS

- Your camera is fitted with a weatherproof housing according to protection class IP54 (dust and splash waterproof). So the camera can be used outdoors. Nevertheless protect the camera from extreme weather conditions and direct sunlight.
- Make sure to use only fresh batteries of the same type and brand only. When inserting the batteries, please pay attention to the correct polarity (+/-). Please remove batteries when the device is not in use for a longer period. Also note chapter "Safety Hints for Batteries".
- Do not use re-chargeable batteries. They may lead to malfunction.
- LED bulbs cannot be replaced.
- 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 protective cover and the battery cover) – the warranty will become void. The housing may only be opened by qualified DÖRR GmbH staff.
- People with cardiac pacemakers, defibrillators or any other electrical implants should maintain a minimum distance of 30 cm, as the device generates magnetic fields.
- People with physical or cognitive disabilities should use the camera with supervision.
- Do not use the camera nearby mobile phones and devices that generate strong electromagnetic fields (e.g. electric engines).
- 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 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.
- 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 camera is defective or without any further use, dispose of the camera 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 pay attention to 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 the 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 chapter "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**
- **Respect the general right of privacy**
- **Do not publish pictures showing individuals without having their allowance**
- **Make aware of the observed areas with a sign and inform your neighbours and visitors if necessary**

## 04 | ⓘ MOBILE PHONE COSTS FOR E-MAILS, MMS, SMS

Services like MMS, SMS and GPRS always cause **extra costs**. These costs may vary depending on your provider and selected tariff and are not covered by the purchase of this camera. Please contact your mobile phone provider for information about tariff and costs.

## 05 | PRODUCT DESCRIPTION

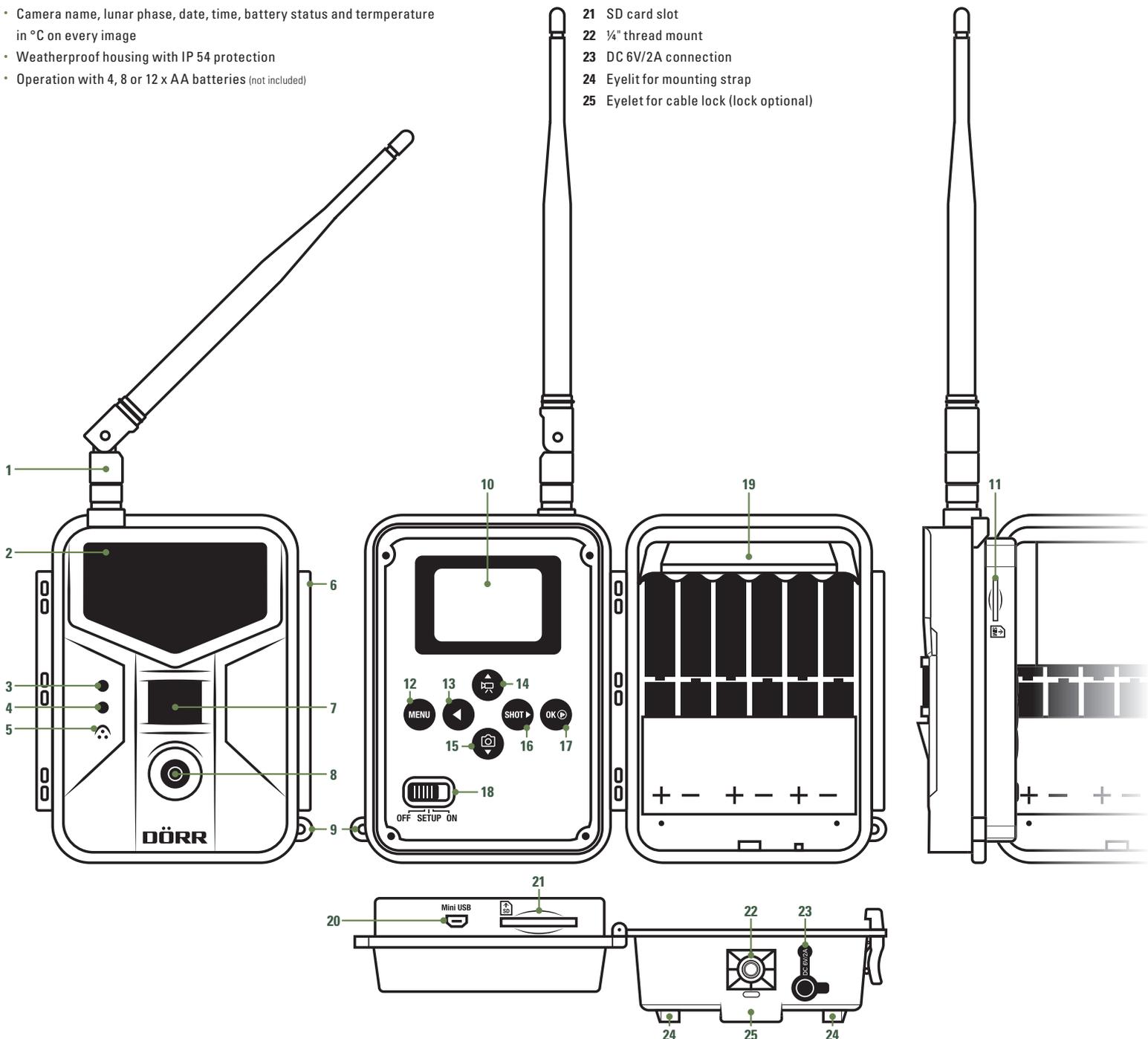
Brilliant colour pictures during the day, black and white pictures by night. The nearly invisible infrared flash with **60 BLACK VISION LEDs** achieves an illumination up to 20 m. With the incorporated 3G module (SIM card not included) the **SnapShot Multi Mobil 3G 16 MP HD** sends images via MMS or cost-effectively via mobile data transmission as email. Up to 4 mobile phone numbers and/or 4 email addresses can be registered, so the pictures taken are available to a group of people, almost in real time.

## 06 | FEATURES

- MMS/Email image/video transmission via 3G technology
- SMS control
- Picture and/or video recording with audio, time lapse function
- Resolution 16 MP (Sensor 3 MP), MMS size 640x480 pixels
- Supports SD/SDHC and WiFi® SD memory cards up to max. 32 GB (SD card not included)
- Trigger time 0,6 seconds only
- LCD screen with 2 inch / 5 cm color display for menu settings and picture/video playback
- Camera setting with internal keyboard, camera menu in English and German
- Camera name, lunar phase, date, time, battery status and temperature in °C on every image
- Weatherproof housing with IP 54 protection
- Operation with 4, 8 or 12 x AA batteries (not included)

## 07 | NOMENCLATURE

- 1 Directional antenna
- 2 Black vision infrared flash
- 3 LED indicator WiFi®
- 4 LED indicator battery capacity / motion detector
- 5 Microphone
- 6 Tension lock
- 7 Motion detector/PIR sensor
- 8 Camera lens
- 9 Eyelet for U-lock (lock optional)
- 10 LCD display
- 11 SIM card slot
- 12 Menu button
- 13 Menu button ◀
- 14 Menu button ▲ /Video mode
- 15 Menu button ▼ /Photo mode
- 16 Menu button ▶ SHOT/Test button photo/video
- 17 OK button ▶ /Playback photo/video
- 18 Slide control Off /Setup /On
- 19 Battery compartment
- 20 Mini USB port
- 21 SD card slot
- 22 ¼" thread mount
- 23 DC 6V/2A connection
- 24 Eyelet for mounting strap
- 25 Eyelet for cable lock (lock optional)



### 08.1 INSERTING BATTERIES

Open the camera releasing the lateral tension lock (6).  
Make sure the slide control (18) is in position OFF.

#### ⚠ CAUTION

To avoid camera damages always make sure that camera slide control (18) is switched to position OFF when inserting batteries or changing SD card. Otherwise the camera might be damaged.

Insert 4, 8 or 12 AA/1,5V batteries (optional) into the battery compartment (19). We recommend to use Alkaline manganese batteries. **Pay attention to the correct polarity (+/-).** Make sure to use fresh high-quality batteries of the same brand.

To setup the camera, 4 batteries (6V) are sufficient. In observation mode please use 12 batteries.

#### ⚠ CAUTION

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

### 08.2 ALTERNATIVE POWER SUPPLY

Alternatively your camera can be operated with an external 6V lead battery (battery cable required) or an AC Adapter 100-240V (all optionally available from DÖRR). For further accessory please see chapter 26. The 6V battery as well as the AC adapter need to be connected to the camera's DC6V connection (23). 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 (10) shows the symbol  when an external power supply is successfully connected.

### 08.3 INSERTING SD CARD

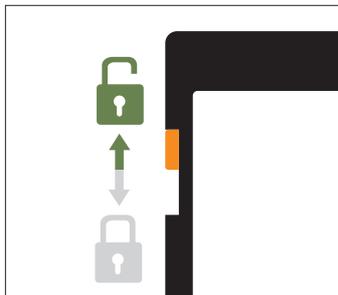
Insert a SD/SDHC/WiFi® memory card (optional) with the label facing upwards into the SD card slot (21).

#### ⚠ CAUTION

Make sure that the SD card is formatted and unlocked!

In order to format the SD card with your camera, please read chapter 14.4 Camera menu SYS "Format SD card".

#### Unlocking SD card



The camera supports SD/SDHC/WiFi® memory cards from 2GB up to 32GB. In order to achieve the best results we recommend to use SD cards with "Class 10" speed or higher (optionally available from DÖRR).

### 08.4 INSTALLING SIM CARD

In order to use the mobile transmission function **make sure to insert a SIM card** (optional) into the SIM card slot (11). Please mind the symbol  next to the SIM card slot (11) which shows how to insert the SIM card correctly.

#### ⚠ CAUTION

- Micro-SIM cards and Nano-SIM cards can be used with an adapter only!
- The PIN request has to be deactivated. You can do this directly in the shop where you bought the SIM card, or with the help of a mobile phone.
- Make sure the SIM card is activated for the service you want to use (mobile network, MMS, SMS)

In order to transmit pictures via MMS or mobile network the camera needs the parameter data of the respective provider and the selected tariff. **To enter this data please refer to the chapters 10,11,12.**

#### ⚠ CAUTION

As soon as a SIM card is installed and the slide control (18) is on position ON or SETUP the camera searches for network reception. This may take up to 1 minute. In SETUP mode no settings can be made in camera menu during network search.

After successful connection, the LCD display (10) will show your network provider and signal strength.

#### 📶 Mobile Network

The signal strength of mobile networks may vary depending on camera location and selected provider. During picture transmission the camera needs constant access to the mobile phone network. Therefore we recommend to use SIM cards of popular mobile phone providers, as they have the best network coverage.

Switch the slide control (18) to position SETUP. The LCD display (10) will show real time image and the basic settings.

### 09.1 MENU LANGUAGE

First of all please choose your desired menu language. The preselected menu language is **German**.

In order to change the cameras menu language, press the menu button (12) then the menu button ► SHOT (16) until you reach the menu register SYS. Press the menu button ▼ (15) and select the menu point "Sprache" (language). Confirm with OK button ► (17). Now navigate to the desired language "Deutsch" (German) or "Englisch" (English) with the help of the menu buttons ▲ (14) or ▼ (15). Confirm your selection with OK button ► (17). Pressing the menu button (12) twice will return you to the main screen.

### 09.2 BASIC SETTINGS

	Camera is in photo mode
<b>P</b>	Trigger mode (PIR)
.....	Network provider name
	Indication of signal strength
<b>8MP</b>	8Picture resolution 8 Mega Pixels
<b>00099/00111M</b>	Stored pictures/Remaining capacity SD card
<b>dd/mm/yy</b>	Date display
<b>hh:mm:ss</b>	Display time
	Battery status

Camera mode	<b>Photo</b>
Camera scene	<b>Auto</b>
Trigger mode	<b>PIR Trigger</b>
PIR Sensitivity	<b>Auto</b>
PIR Interval	<b>1 min</b>
Work time 1, 2, 3, 4	<b>OFF</b>

In Setup mode, the camera automatically switches off after 3 minutes if no button input is detected. In order to enter SETUP mode again, turn the camera off and switch the slide control (18) to Setup position again.

### ⚠ CAUTION

Some settings can be entered directly in the camera menu – therefore read chapter 14.

Though we recommend to configure your camera with the **Setup Program on your PC**. The Setup of your camera is described in the following **chapter 10**.

**Requirement: PC with Microsoft® Windows operating system.**

1. Make sure the SD card is inserted correctly (switch off camera first) in the SD card slot (21) and the card is unlocked and formatted. **See chapter 14.4 camera menu SYS "Format SD card".**
2. Switch the slide control (18) to position SETUP.
3. Press the menu button (12).
4. Select the menu register NET with the menu button SHOT ► (16). Choose the menu point "Download Setup" with menu button ▼ (15). Confirm with OK button (17). The screen shows the message "Setup tool has been successfully downloaded to SD card". Pressing Menu button (12) closes this message again. A **ZIP file** is created on SD card.
5. a) Connect the camera with the Mini USB cable to the PC.  
Open the SD card/removable storage device (e.g.: F:\).  
  
b) Alternatively remove the SD card and insert it in an external SD card reader or the SD card slot of your PC/Laptop. **Before removing the SD card, make sure to switch the slide control (18) to position OFF.**  
Open the SD card/removable storage device (e.g.: F:\).
6. Unpack/Unzip the ZIP file on the SD card and open/execute the **U Set.exe** file.
7. Afterwards a security alert may appear. Please confirm with **OK/YES** in order to open the program..

Top left in the main window of the SETUP program (U SET.exe) you will see the version number, e.g.  U Set V5.07 .

**11.1 SEND MODE**

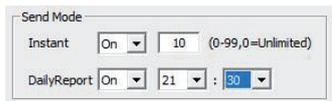


**Instant**

Choose "Off" to turn off the **sending function** of your camera. The camera will take pictures/videos according to the settings done and stores the files on the SD card. The camera **will not transmit** any image or video.

Choose "On" to **activate the sending function**. After picture/video release the camera will start transmitting the file. A value between 0-99 limits the amount of files transmitted per day. Choose "0" (unlimited) to transmit all files.

As soon as the maximum number of transmitted files is reached, the camera will stop sending for this day. You will get a notification in the last pictures email subject: *"Reached max number, stop sending today"*



**Daily Report**

**Off** Camera will not send a daily report.

**On** Camera sends a daily report on the activities of the last 24 hours. Set a time (e.g. 21:30 o'clock) when the report should be sent.

**The daily report contains the following information:**

**Photo mode** Last picture – amount of the recorded pictures during the last 24 hours, as well as date, time, temperature, battery status, signal strength, already used storage and free storage at the moment of the report..

**Video mode** Amount of recorded videos in the last 24 hours as well as date, time, temperature, battery status, signal strength, already used storage and free storage at the moment of the report.

**Pictue/Video combination mode** Amount of recorded photos/videos as well as date, time, temperature, battery status, signal strength, already used storage and free storage at the moment of the report.

**11.2 OPERATOR PARAMETER**



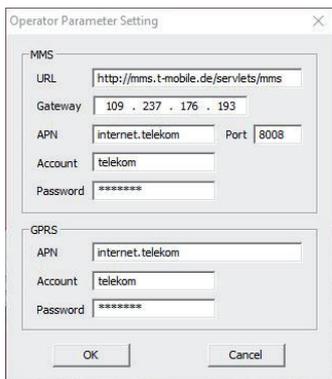
Choose the country where the camera will be operated from the drop down menu. Select the Operator of the inserted SIM card from the drop box menu



If your network provider is **not** preset, choose Country – Customer and Operator Customer 1. The window "Custom" now becomes selectable.

By clicking the "Custom" window a new window opens. You may now enter the MMS and/or GPRS operator settings manually. The following example shows T-Mobile, Germany.

**NOTE** The network provider data is in the scope of delivery of your SIM card. You may also contact your network provider and ask for this data.



**MMS**

- URL** Enter the website
- Gateway** Enter the IP address
- APN** Enter the access address (Access Point Name)
- Port** Enter the MMS Port
- Account** Enter the account name
- Password** Enter the password

**GPRS**

- APN** Enter the access address (Access Point Name)
- Account** Enter the account name
- Password** Enter the password

Save your settings with "OK" or reject with "Cancel" – afterwards this window will close again.

## 11.3 SEND TO

Send To  
 Phone  Email Email Setting  
Email Size Selection: Big Photo/Video

**Phone** Picture transmission via **MMS** to a MMS capable phone. You may enter up to 4 mobile phone numbers, which will all receive the picture (following named "Recipients/Phone Number 1-4").

**Email** Picture transmission via **GPRS** to an email address. You may enter up to 4 email addresses, which will all receive the picture/video (following named "Recipients/Receive Email 1-4").

Send To  
 Phone  Email Email Setting  
Email Size Selection: Big Photo/Video

### Email Size Selection

Email Size Selection: Big Photo/Video

### Big Photo/Video

Choose "Big Photo/Video", if you want to receive high resolution pictures or 5 sec videos.

### NOTE

- Choose PIR Interval or Time Interval, respectively the combination (both) and mind to give the camera the time to transmit high resolution picture/videos successfully.
- The more MMS/Email recipients you enter, the longer the camera needs to transmit successfully.

Email Size Selection: Small Photo

### Small Photo

In order to reduce to data consumption choose "Small Photo" (images are scaled down to max. 200KB).

### CAUTION

**NO videos can be sent in the "Small Photo" mode!**

### Email Setting

Sender Email Setting

Select Email: gmail

Email: max.muster@gmail.com  
Account: max.muster@gmail.com  
Password: #999!  Show password

SMTP Server: smtp.gmail.com  
Secure Type: SSL/TLS  
SMTP Port: 465

OK Cancel

### Email Setting

When "Send To – Email" is chosen, the button Email Setting becomes selectable. The window "Sender Email Setting" will open as soon as you click "Email Setting".

Choose your email provider of your email address from the drop box menu. (This example shows gmail (googlemail)).

Sender Email Setting

Select Email: Other

Email: max.muster@other.com  
Account: max.muster@other.com  
Password: #999!  Show password

SMTP Server: mail.other.net  
Secure Type: SSL/TLS  
SMTP Port: 465

OK Cancel

If your email provider is not preset, choose **"Other"** from the **Select Email** drop box menu. Following you are now able to enter the data of your email provider manually. Required data are SMTP Server, Secure Type as well as SMTP Port.

**i** You may ask your email provider for the server data or find the information on the official homepage of your provider.

Email: Enter your full email address

Account: Enter your full email address

If you log in your emails with an account name, enter your user/account name in the Account box.

Enter your email password in the password box. Set the checkmark "Show password" in order to show the password input. Without the checkmark the input is concealed. **Mind small and capital letters, numbers and special characters.**

Confirm the settings with "OK". Pressing "Cancel" discards the input.

## 11.4 SMS CONTROL

The camera may be remote-controlled by SMS commands (e.g. get real-time picture/video).

Read [chapter 15](#) to learn more about the SMS control function.



SMS Control  
SMS Switch: Off  
SMS Work Time Start: 00 Stop: 00

With the option "Off" of the setting "SMS Switch", the camera will be operated in power saving mode (recommended). All "SMS commands" described in [chapter 15.1 "List of SMS commands"](#) will **NOT** be processed by the camera

Setting the option "On (24hour)" for the "SMS Switch" function – the camera will receive and process SMS commands at any time (read [chapter 15.1 "List of SMS commands"](#)).



SMS Control  
SMS Switch: Set  
SMS Work Time Start: 08 Stop: 20

Choose "Set" for the "SMS Switch" function. Enter start time (hh) and stop time (hh). Within the start time and stop time the camera is ready-to-receive SMS commands and executes them in real-time. SMS commands that are sent outside of this time frame, will be collected and executed at the beginning of the next work time frame (SMS Work Time Start).

## 11.5 RECIPIENTS



Recipients  
Phone Number 1: 016012345678  
Phone Number 2: 016712345679  
Phone Number 3:   
Phone Number 4:   
Receive Email 1:   
Receive Email 2:   
Receive Email 3:   
Receive Email 4:

### Recipients MMS

Enter up to 4 mobile phone numbers (recipients).

**The more numbers you enter, the longer the transmission takes! Enter your mobile phone number without country code and without blank!**

Example: 01601234567

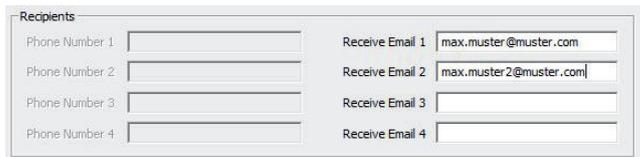
At least one phone number has to be set in order to ensure proper function.

Phone Number 1 = Command Phone ("SMS Switch" On and Set only) = recipient for MMS

Phone Number 2 = MMS recipient 2

Phone Number 3 = MMS recipient 3

Phone Number 4 = MMS recipient 4



Recipients  
Phone Number 1:   
Phone Number 2:   
Phone Number 3:   
Phone Number 4:   
Receive Email 1: max.muster@muster.com  
Receive Email 2: max.muster2@muster.com  
Receive Email 3:   
Receive Email 4:

### Recipients Email

Enter up to 4 email addresses.

**The more email addresses you enter, the longer the transmission takes!**

Example: max.muster@muster.com

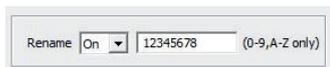
Receive Email 1 = Email recipient 1

Receive Email 2 = Email recipient 2

Receive Email 3 = Email recipient 3

Receive Email 4 = Email recipient 4

## 11.6 RENAME



Rename: On 12345678 (0-9,A-Z only)

It is possible to enter a name for the camera (recommended). Select "On" and enter a name using up to **8 characters**. The camera 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!**

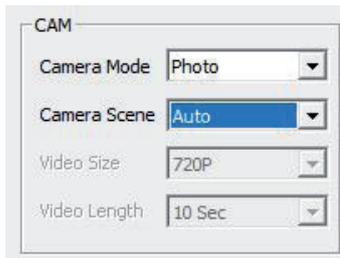
Choose "Off" – no further selection possible (not recommended).

## 11.7 CAM SETTING



Click CAM Setting – a new window "Camera Parameter Setting" will open. This allows to change various CAM, PIR, SYS settings.

### 11.7.1 REGISTER CAM



#### 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).

#### Camera Scene

Choosing Camera Mode "Photo", you have the possibility to choose out of the following preset camera scenes:

Camera Scene	Description
<b>Auto</b>	8MP color picture at daytime 3MP black/white picture at night
<b>Close Object</b>	Close distance 3-5 meters with suited flash range 8MP/day – 3MP/night
<b>Moving Object</b>	Faster shutter speed reduces motion blur 8MP/day – 3MP/night
<b>Still Object</b>	Reduces exposure time for a brighter image 8MP/day – 3MP/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 15 Sec Mode (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>	<p>Customised parameter setting: <b>1.3MP, 3MP, 8MP, 10MP, 12MP, 16MP</b></p> <p><b>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.</p> <p><b>Flash Power: low/medium/high</b> <b>Photo Burst: 1-10 images per release</b></p>

Choosing "Video" you can change the video size and video length presets directly in the camera menu. Therefore read [chapter 14.1](#). The preset "Picture+Video" is defined to release a picture followed by a 10 sec video.

## 11.7.2 REGISTER PIR

Define different ways of PIR triggering:

PIR settings interface showing Trigger Mode set to PIR Trigger, PIR Sensitivity set to Auto, PIR Interval set to 01 Min, and Time Lapse set to 04 Hour.

### PIR Trigger

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

### 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 recognises even small movement or differences in temperature

### 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.

PIR settings interface showing Trigger Mode set to Time Lapse, PIR Sensitivity set to Auto, PIR Interval set to 01 Min, and Time Lapse set to 04 Hour.

### Time Lapse

Camera releases a picture in the interval set, regardless of PIR sensor.

Example: Setting 4 hours

Camera releases a picture every 4 hours, regardless of PIR sensor.

PIR settings interface showing Trigger Mode set to Both, PIR Sensitivity set to Auto, PIR Interval set to 01 Min, and Time Lapse set to 04 Hour.

### Both (Combination)

A combination out of PIR Interval and Time Lapse.

## 11.7.3 WORK TIME

Set the working time of the camera. Outside of the working time & days set, the camera will not be active (standby) and is on power saving mode.

Work Time 1 settings interface showing Switch set to On, Start time 19:30, Stop time 07:00, and days Mon, Tue, Thu, Fri, Sat, Sun selected.

### Switch "On"

Set start and stop time, as well as working days:

- All** (sets all 7 days a week)
- Sun** (Sunday)
- Mon** (Monday)
- Tue** (Tuesday)
- Wed** (Wednesday)
- Thu** (Thursday)
- Fri** (Friday)
- Sat** (Saturday)

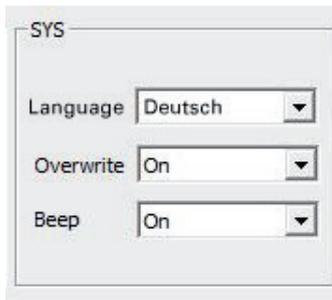
For Work Time 2-4 repeat the steps as described above. As soon as a Work Time is set, the LCD display (10) shows the symbol .

Work Time 1 settings interface showing Switch set to Off, Start time 00:00, Stop time 00:00, and days ALL, Mon, Tue, Wed, Thu, Fri, Sat, Sun selected.

### Switch "Off"

Select "Off" – the camera will be active 24 hours.

## 11.7.4 REGISTER **SYS**



### Language

You can choose the camera menu language to be **DEUTSCH** (German) or **ENGLISCH**.

### 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 (read [chapter 14.4 camera menu SYS "Format SD card"](#)).

### Beep

Set "On":

The camera will acoustically confirm every button press with a "beep".

Set "Off":

Camera is set to silent mode (recommended).



### OK

Saves the settings done, when confirmed. You will get back to the main window of the U Set.

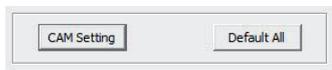
Default (factory default)

Sets all settings in the window "Camera Parameter Setting" back to factory default.

Cancel

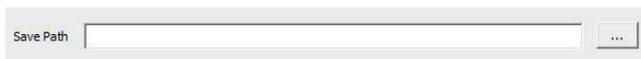
Discards all settings and closes the window "Camera Parameter Setting".

## 11.8 DEFAULT ALL

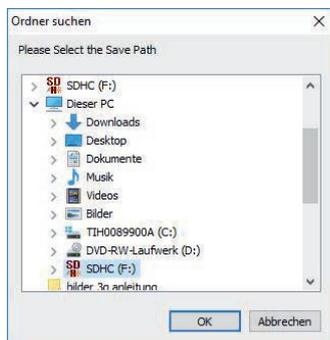


The button "Default All" will discard **all** settings done in U Set program to factory default.

## 11.9 SAVE PATH

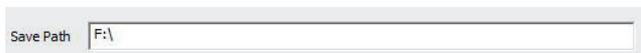


Before you can save your settings, select the button . This will allow you to select the main directory of your SD card as storage location out of the directory tree.



The settings need to be saved in **the main directory on your SD card**, therefore choose the disk drive where your SD card is located – e.g.: disk drive letter (F:\).

Confirm the storage path with **"OK"** button.



Confirm with **"OK"** button again, to generate a file called **"PROFILE.BIN"** on your SD card.



If you choose your computer desktop as storage path, you have to copy the **"PROFILE.BIN"** in the main directory of your SD card manually.

## 12 | TRANSFER SETTINGS TO THE CAMERA

1. Make sure the slide control (18) is on position OFF. Insert the SD card into the camera as described in [chapter 08.3](#).
2. Switch the slide control (18) to position SETUP in order to transfer the settings to the camera. After a few seconds the message "Update Success" appears in the LCD display (10); the settings done in U Set program are now stored successfully on your camera.

In order to check the parameters set are correct and the camera will transmit pictures/videos successfully, we recommend to follow the steps in [chapter 13 "Manual picture transmission"](#). Afterwards you can do further settings (as e.g. set Time & Date) directly in the camera menu (read [chapter 14](#)).

## 13 | MANUAL PICTURE TRANSMISSION

Switch the slide control (18) to position SETUP. Now wait until the camera dialed in the mobile network then press the Menu button ► SHOT/Test button photo/video (16). Press the OK button ► /Playback photo/video (17) to display the test photo/video. Press the menu button (12) and select "Send" with the menu button ▼ (15) and confirm with OK button (17). The camera now will start picture transmission. After successful transmission (100%) the LCD display (10) shows the message "send successfully". The picture/video is transmitted to the mobile phone number(s) or email address(es).

## 14 | CAMERA MENU SETTINGS

**NOTE** The camera menu keeps you informed on settings and allows minor changes, after you have finished the setup on PC successfully and you transmitted the settings to your camera.

**CAM**    **PIR**    **GSM**    **SYS**    In order to switch the menu register, press menu button ► (16) or ◀ (13).

To switch a menu point within the menu register press menu button ▼ (15) or ▲ (14). **The chosen menu point is highlighted blue.** Pressing OK button ► (17) you confirm your selection – the active selection is marked with a star (\*).

→ [Following you will see an overview of all menu points \(CAM, PIR, NET, SYS\).](#)

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			
				▼	15 Sec Mode (1+3)	OK			
				▼	Customize	OK			
					▼	Photo Size	3MP	▶	8MP, 10MP, 12MP, 16MP, 1.3MP OK
					▼	Flash Power	High	▶	Low, Medium OK
					▼	Photo Burst	1 Photo	▶	1 - 10 Photo(s) OK
	▼	Video	OK	MENU					
				▼					
				Video Size					
				▼	1080P	OK			
				▼	720P *	OK			
				▼	WVGA	OK			
				▼	Video Length				
				▼	10 Sec *				
				▼	5 Sec - 60 Sec	OK			
	▼	Picture+Video	OK	MENU					

\* Pre-setting

**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**.

**Camera Mode "Photo"**

**Camera Scene**

Choose from the preset camera scenes or change the settings individually (read **chapter 11.7.1 Camera Scene**).

**Camera Mode "Video"**

**Video size**

Choose the desired video quality:

**1080P** = Full HD (1920x1080 pixels, 30fps/frames per second)

**720P** = HD Ready (1280x720 pixels, 30fps/frames per second)

**WVGA** (848x480 pixels, 30fps/frames per second)

**Camera Mode "Picture+Video"**

Upon release 1 picture (3 MP) and a subsequent video (720P) with 10 seconds length is shot. This preset can not be modified.



## **Trigger Mode**

### **PIR Trigger**

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

### **Time Lapse**

Camera releases a picture in the interval set, **regardless of PIR sensor**.

### **Both (Combination)**

A combination out of PIR Interval and Time Lapse.

### **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 recognises even small movement or differences in temperature

### **PIR Interval**

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

### **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 is on power saving mode. For Work Time 2-4 repeat the steps as described above. As soon as a Work Time is set, the LCD display (10) shows the symbol .

NET		Options					
▼							
Send Mode	OK	Instant *	OK	Max. Number	10*	OK	
				▼▲	00 - 99	OK	
	▼	Daily Report	OK	00:00 (HH.MM)	▼▲ Set value	OK	
					▶◀ Next input field	OK	
	▼	Instant & Daily Report	OK	Max. Number	10*		
				▼▲	00 - 99		
			▶◀	Daily Report	OK	00:00 (HH.MM)	▼▲ Set value
							▶◀ Next input field
	▼	Aus	OK				OK
▼							
Send to	OK	Phone *					
	▼	Email	OK	Big Photo/Video	▼		
				Small Photo	OK		
▼							
Edit Phone	OK	1st Number *	OK	MMS Master Number 1	▼▲ Set value	▶◀ Next input field	OK
	▼	2nd Number	OK	MMS recipients 2	▼▲ Set value	▶◀ Next input field	OK
	▼	3rd Number	OK	MMS recipients 3	▼▲ Set value	▶◀ Next input field	OK
	▼	4th Number	OK	MMS recipients 4	▼▲ Set value	▶◀ Next input field	OK
▼							
Recipients	OK	Phone	▶	Email			
		1:		1:			
		2:		2:			
		3:		3:			
		4:		4:			
▼							
SMS Switch	OK	Off *					
	▼	On	OK				
	▼	Set	OK	SMS Switch			
				SMS Start: 00 (o'clock)	▼▲ Set value	▶◀ Next input field	
				SMS Stop: 00 (o'clock)	▼▲ Set value	OK	
▼							
Download Tool	OK	Setup tool has been successfully downloaded to SD card					

\* Pre-setting

**CAUTION**

In order to set up the transmission function, make sure to insert a SIM card and a SD card. The data such as email address, mobile phone number, mobile network and MMS parameters have to be configured with the help of a PC (read [chapter 11](#)).

<b>Send Mode</b>	<b>Instant</b>	<p><b>Send Mode on:</b> Picture/video will be sent immediately after recording.</p> <p><b>Max Number:</b> The number of pictures/videos transmitted per day can be limited from 1 – 99 . Choose "0" to send all recorded pictures/ videos without limit.</p>
	<b>Daily Report</b>	<p>Camera generates and sends a report on the activities within the last 24 hours.</p> <p><b>Daily Report:</b> Set the time (e.g. 21:30) when this report should be sent</p>
	<b>Instant &amp; Daily Report</b>	<p><b>Combination Send Mode Instant and Daily Report</b></p> <p><b>Max Number:</b> Limit the number of pictures/videos transmitted per day from 1 – 99 . Choose "0" to send all recorded pictures/videos without limit.</p> <p><b>Daily Report:</b> Set the time (e.g. 21:30) when this report should be sent</p>
	<b>Off</b>	<p>Set Send Mode "Off" to deactivate the transmission function (Pictures/videos are stored to the SD card after release).</p>

**NOTE** The following menu points can only be changed if Send Mode is set to **Instant, Daily Report or Instant & Daily Report** (combination).

<b>Send to</b>	<p><b>Phone</b> Choose this setting to send recorded pictures as MMS to your mobile phone. To learn how to <b>enter the recipient mobile phone number(s)</b>, please read <b>chapter 11.5 Recipients MMS</b>.</p> <p><b>E-Mail</b> Choose this setting to send recorded pictures/videos to the email address set in U SET. To learn how to <b>enter the recipient Email address(es)</b>, please read <b>chapter 11.5 Recipients Email</b>.</p> <p>Choosing Email – confirming with OK button (17), select whether you want to transmit:</p> <p><b>Big Photo/Video</b>      Records send uncompressed in full resolution  <b>⚠ CAUTION:</b> Big data consumption! Max. 5 sec. video transmission possible</p> <p><b>Small Photo</b>      Records are compressed before transmission  <b>⚠ CAUTION:</b> No video transmission possible!</p>
<b>Edit Phone</b>	See the mobile phone number(s) entered in U SET (see <b>chapter 11.5</b> ) – you can change the number(s) directly in the camera menu.
<b>Recipients</b>	See the receiving mobile phone number(s) and email address(es) entered in U SET (see <b>chapter 11.5</b> ). This menu is only for your information, no further changes possible in the camera menu.
<b>SMS Switch</b>	The camera can be controlled by SMS commands from your mobile phone. <b>More information on SMS commands can be found in chapter 15 "SMS Control".</b>
<b>Download Tool</b>	Download the U Set Program from your camera to a SD card. <b>This program is needed to change settings of the MMS/Email functions of the camera on PC (see chapter 10 and 11).</b>

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 value	▶	Next input field
		00:00:00	▶	Uhrzeit Angeben	▼▲	Set value	▶	Next input field
							OK	
▼								
Language (Sprache)	OK	German *						
	▼	Englisch						
			OK					
▼								
Password	OK	Off *						
	▼	On						
			OK	0 0 0 0	▼▲	Set value	▶	Next input field
							OK	
▼								
Rename	OK	Off *						
	▼	On						
			OK	0-9, A-Z, a-z only	▼▲	Set value	▶	Next input field
							OK	
▼								
WiFi SD Test	OK							
▼								
Beep	OK	Off *						
	▼	On						
			OK					
▼								
Overwrite	OK	Off						
	▼	On *						
			OK					
▼								
Format SD card	OK	Format SD card						
	▼	No						
		Yes						
			OK					
▼								
Default	OK	Restore factory default setting						
	▼	No						
		Yes						
			OK					
▼								
Software Version	OK	Software Version						
		e.g. M2.00.13 - VV 1.0.5						

\* Pre-setting

**Set Clock**

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).

**Language**

You can choose the camera menu language to be **DEUTSCH** (German) or **ENGLISH**.

**Password**

Secure the camera with a password to avoid misuse. The password is needed every time the slide control (18) 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.**

**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!**

**WiFi® SD Test**

Activate this function with OK button (17). **Works only in combination with a WiFi® SD card.**

**Beep**

**Set "On":** The camera will acoustically confirm every button press with a "beep".

**Set "Off":** Camera is set to silent mode (recommended).

**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 (read chapter 14.4 camera menu SYS "Format SD card").

**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!**

**Default**

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

**Software Version**

Shows the software version – no settings possible.

The camera may be remote-controlled by SMS commands (e.g. get real-time picture/video or switch photo and video mode). Read [chapter 15](#) to learn more about the SMS control function.

**NOTE** The power consumption is much higher when SMS command is activated. Only activate this function if you are going to use it..

### ⚠ CAUTION

Depending on network provider and tariff the sending of SMS confirmations and error messages to the recipients causes costs. Check the costs with your network provider in advance. These costs are not included in the purchase price of this camera. Not all SIM cards are ready for the reception or sending of SMS. Check this in advance with your network provider!

Turn off the number suppression of your mobile phone. If the number is suppressed, the camera is not able to work on the SMS commands as it will not recognize the command phone number. Only the command phone number is authorised to send SMS commands. This is the first number you enter in "Recipients: Command Phone" see [chapter 11.5](#).

Following you will find a list with SMS commands:

#### 15.1 LIST OF SMS COMMANDS

Task	SMS command	Remark
Get Picture/video	#110#	Camera sends a real-time picture/video, depending on setting
Reduce data transmission (only email transmission)	#230#1#1#	Only available for transmission of pictures. Pictures are compressed before sending. (no video transmission possible)
Big photo/video (only email transmission)	#230#1#0#	Send high resolution pictures or 5 sec videos
Camera Mode Photo	#310#0#	Camera sends pictures
Camera Mode Video (not available for MMS transmission)	#310#1#	Camera sends videos: only in combination with "Big photo/video"
View camera status	#370#	Sends SMS with current camera settings
WiFi® Off	#140#0#	Turns on WiFi® mode. Only in combination with a WiFi® SD card
WiFi® On	#140#1#	Turns off WiFi® mode. Only in combination with a WiFi® SD card

### 16.1 DISPLAY PHOTOS AND VIDEOS ON LCD SCREEN

Switch the slide control (18) to position SETUP. Press OK button  (17). The latest record appears on the LCD display (10). Whether if it is a picture or video you may see up top left on the LCD display (10):



Scroll through your records with the menu button (14) ▲ or (15) ▼.

**Playback and pause a Video with menu button ► (16).**

Return to the main/live screen pressing OK button (17).

### 16.2 DELETE PHOTOS AND VIDEOS

#### ▲ CAUTION

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

#### Delete single picture/video

Switch the slide control (18) to position SETUP. Press OK button (17). Select the picture/video you want to delete with menu button (14) ▲ or (15) ▼. Then press menu button (12) and select "Delete One" with menu button (14) ▲ or (15) ▼ Confirm the deletion with OK button (17) and reconfirm with "Yes" (delete) or "No" to cancel the deletion.

#### Delete All (Pictures/videos)

Switch the slide control (18) to position SETUP. Press OK button (17). Select a picture/video with button (14) ▲ or (15) ▼. Then press menu button (12) and select "Delete All" with menu button (14) ▲ or (15) ▼. Confirm the deletion with OK button (17) and reconfirm with "Yes" (delete) or "No" to cancel the deletion. **This deletes ALL pictures and videos from the SD card.**

## 17 | TEST PHOTO AND VIDEO

In SETUP Mode a test picture or video can be released and viewed directly. Switch the slide control (18) to position SETUP. Release a test picture with menu button SHOT ► (16). Display the test picture menu button (17).

Release a test video: Press menu button (14) ▲ in the main/live screen to switch to video mode. You can see the symbol (  ) ► in the top-left corner in the LCD display (10). Start recording the video with menu button SHOT ► (16) again stops recording. Display the start frame of the video with menu button (17).

Playback the test video with menu button SHOT ► (16). Pressing menu button menu button SHOT ► (16) during playback pauses playback. Return to main/live screen with OK button (17).

## 18 | MOUNTING THE CAMERA

Pull the **supplied mounting strap** through the eyelet (24) 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 19**) and to take a few test shots (refer to **chapter 17**) 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 specialised dealer for:

**DÖRR Holding Fixture for SnapShot Multi**

**Item No. 204490**

With an additional cable lock (optional) pulled through the specific eyelets (25) on the rear side of the camera, your camera will be secured against theft.

**NOTE** For further optional accessories refer to **chapter 26**.

## 19 | ORIENTATION OF THE CAMERA

To achieve perfect pictures, the camera must be orientated properly:

1. Fix the camera at a height of **0,75 m to 1,00 m** and slightly tilt it forward. The camera lens (8) should now point to the position, where the object of photography or filming is expected.
2. Switch the slide control (18) to position SETUP and close the camera housing. Moving in front of the camera the LED indicator (4) will flash red as long as movement is detected within the motion detector range.
3. We recommend that you now take a test picture. Switch the slide control (18) to position ON and close the camera housing. After approx. 30sec the camera is ready for detection (during these 30 sec the LED indicator (4) is flashing)
4. After the LED indicator (4) turned off, move in normal speed in front of the cameras detection range. The camera releases a picture. You can display the picture as described in **chapter 16.1**. The camera should be orientated 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.

## 20 | START SURVEILLANCE

In order to get the camera ready to work, move the slide control (18) to position SETUP. Camera dials into the mobile network. If the login was successfully the LCD display (10) shows your provider and signal strength.

Now switch the slide control (18) to position ON and close the camera housing. After approx. 15 - 30 seconds, the camera will be in surveillance mode. In case of detected movements, it takes pictures/videos according to your settings.

## 21 | CAMERA INSPECTION

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

1. Open the camera and switch the slide control (18) to position OFF. After 1 - 2 seconds move the slide control (18) to position SETUP. The LCD Display (10) show 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. 000034/001846m). Display pictures/videos with menu button (17) and browse them with menu button (14) ▲ or (15) ▼.
2. Alternatively, you can view the images comfortably on your home PC or a device with SD card slot.

### ⚠ CAUTION

**To avoid camera damage always make sure the slide control (18) is in position OFF before removing the SD card.**

### NOTE

When checking the camera function, always check 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.

## 22 | 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.

### 23.1 SIM CARD

The PIN request has to be deactivated; you can do this directly in the shop where you bought the SIM card, or with the help of a mobile phone. We recommend to activate the respective service (mobile network, MMS or SMS) of the SIM card before using it with the camera. For email transmission insert the SIM card in a mobile phone and open a random website to activate the SIM cards mobile network function. If you plan to send MMS insert the SIM card in a mobile phone and send a picture as MMS to another mobile phone to activate the MMS function. If you plan to remote control the camera with SMS commands, send a text message (SMS) to another mobile phone to activate the SIM card for SMS. Without these steps it might be possible that the SIM card and therewith your camera might not work properly.

### ⚠ CAUTION

**Micro-SIM cards and Nano-SIM cards can only be used with an adapter!**

The camera transmits files via MMS or Email. Please make sure that these services are unlocked and that they are supported by your provider. The transmitter modules in the camera support the following bandwidth: **UMTS/HSPA+:900MHz/2100MHz, GSM/EDGE: 850/900/1800/1900MHz.**

### 23.2 MOBILE NETWORK

The signal strength of the mobile network can be very different, which may cause disturbances in image transmission. Please check carefully whether the signal strength is sufficient (ideally full strength on display) and that the antenna is mounted correctly. For the transmission of emails the camera requires stable mobile network. Unfortunately second-party or third-party provider do not always provide stable connection.

We have made good experience with "Vodafone" all over Europe. Services like MMS, SMS and mobile network always causes extra costs. These costs may vary depending on your provider and selected tariff and are not covered by the purchase of this camera. Please contact your mobile phone provider for tariff and costs.

### 23.3 SD CARDS

The camera only works with a SD card. There are SD cards which may not work with the DÖRR SnapShot and may affect the function of the camera. Usually it helps to use another SD card of other brand or different capacity. We recommend using a SD card with a capacity of 8GB up to max. 32GB. (e.g. Lexar cards, optionally available from DÖRR).

### 23.4 WIFI® SD CARDS

A WiFi® SD Card is a SD card which may not only store data, but has an additional built in WI-FI® module which is able to transfer files wirelessly to a receiving device with WiFi® function (e.g. PC, Notebook, Tablet or Smartphone). We recommend to use a TOSHIBA FlashAir SDHC 16GB card due to the reliability and ease of operation. In most cases you can obtain these cards at the same dealer where you bought the camera. For the wireless data transmission between WiFi® SD card and e.g. smartphone you need an APP which is available over the Google Play Store (Android) or APP Store (Apple). WiFi® SD cards need energy to build up the wireless data transmission. Conventional autarchic surveillance camera switch to Stand-by mode to save energy, this is why WiFi® SD Cards will not work with most surveillance cameras. To activate the WiFi® function refer to [chapter 15.1 SMS commands](#)

### 23.5 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 20m. Usually, you may expect a range of 10m. It may take a few attempts to find the proper position for your camera. When you test the motion sensor reaction, be aware of the fact that animals are usually remarkably smaller than human beings. They might be under the PIR sensor detection range and not be recognised.

### 23.6 LIGHT CONDITIONS

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

### 23.7 WEATHER PROTECTION

Although the camera is weatherproof and well-suited for outdoor use, we recommend to mount the camera in a secured place, therefore not on the weatherside or in the 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. Dust and splash waterproof according to protection class IP54.

Model	<b>SnapShot Multi Mobil 3G 16MP HD camouflage</b>
LED type	<b>High Performance Black Vision LEDs</b>
Number of LEDs	<b>60</b>
Wavelength of LEDs	<b>940 nm</b>
Flash range	<b>Approx. 20 m</b>
Image sensor	<b>3 MP</b>
Picture resolution	<b>max. 16 MP</b>
Aperture	<b>F = 1,8</b>
Picture format	<b>JPEG</b>
Photo burst	<b>1 - 10 photos per release</b>
Interval pictures	<b>5 seconds up to 24 hours</b>
Angle of view	<b>58°</b>
Video resolution	<b>Full HD 1080 P / 30 fps; HD 720 P / 30 fps; WVGA / 30 fps</b>
Video format	<b>MOV / Codec H.264</b>
Video length	<b>5 - 60 seconds</b>
Photo + video combination	<b>1 photo / 10 seconds video</b>
Audio recording (video)	<b>✓</b>
Work times	<b>4</b>
Sensor trigger time	<b>0,6 seconds</b>
Sensor range / angle	<b>20 meters / 58°</b>
Picture transmission	<b>✓ 3G technology</b>
Video transmission	<b>✓ up to 5 seconds length</b>
GSM module	<b>✓</b>
3G module	<b>✓</b>
Frequency range	<b>UMTS/HSPA+:900MHz/2100MHz GSM/EDGE: 850/900/1800/1900MHz</b>
Transmission power	<b>Picture transmission 160 mA up to 320 mA Video transmission 180 mA up to 334 mA Standby 0,25 mA</b>
WiFi® SD card (optional)	<b>Approx. 30 meters</b>
Picture stamp	<b>Camera name, lunar phase, date, time, battery status, temperature in °C on every image</b>
Display size	<b>5 cm / 2"</b>
Playback photo	<b>✓</b>
Playback video	<b>✓</b>
Memory card	<b>WiFi® SD/SD/SDHC</b>
Memory card size	<b>up to 32 GB</b>
Power supply	<b>4/8/12 AA batteries alternative: external battery 6V/AC adapter 100-240V (all optional)</b>
Connector for external battery	<b>✓ (DC 5-12V)</b>
Operation with AC adapter 100-240V	<b>✓ – DÖRR original AC adapter Item No. 204407 only</b>
Housing protection class	<b>IP54</b>
Dimensions	<b>146 x 115 x 67 mm</b>
Weight w/o batteries	<b>435 g</b>
Compatibility with Holding Fixture for SnapShot Multi	<b>✓</b>
1/4" connection thread	<b>✓</b>
Special features	<b>Combination of PIR trigger and timer interval; SSL compatible; video transmission up to 5 seconds with audio recording</b>
Operation voltage	<b>4.2 V - 6.5 V</b>
Standby consumption	<b>&lt; 300 µA</b>
Variable consumption	<b>150 mA - 800/1000 mA (for various voltages)</b>
Operating temperature	<b>-20 to +60° C</b>
Storage temperature	<b>-30 to +70 °C</b>
Humidity	<b>5 % to 95 %</b>
Item No	<b>204485</b>

#### 24.1 TECHNICAL CHANGES

Specifications and design are subject to change without notice. Latest manuals can be downloaded here <http://outdoor-focus.eu/downloads/204485.html>

## 25 | SCOPE OF DELIVERY

- 1x Game & Surveillance Camera
- 1x GSM Directional antenna
- 1x Mounting strap
- 1x Mini USB cable
- 1x Quick start instruction

## 26 | ACCESSORY (OPTIONAL)

<http://outdoor-focus.eu/downloads/204485.html>

**27.1 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.

**27.2 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.

**27.3 ROHS CONFORMITY**

This product is compliant with the European directive 2011/65/EU of June 08, 2011 for the restriction of use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.

**27.4 CE MARKING**

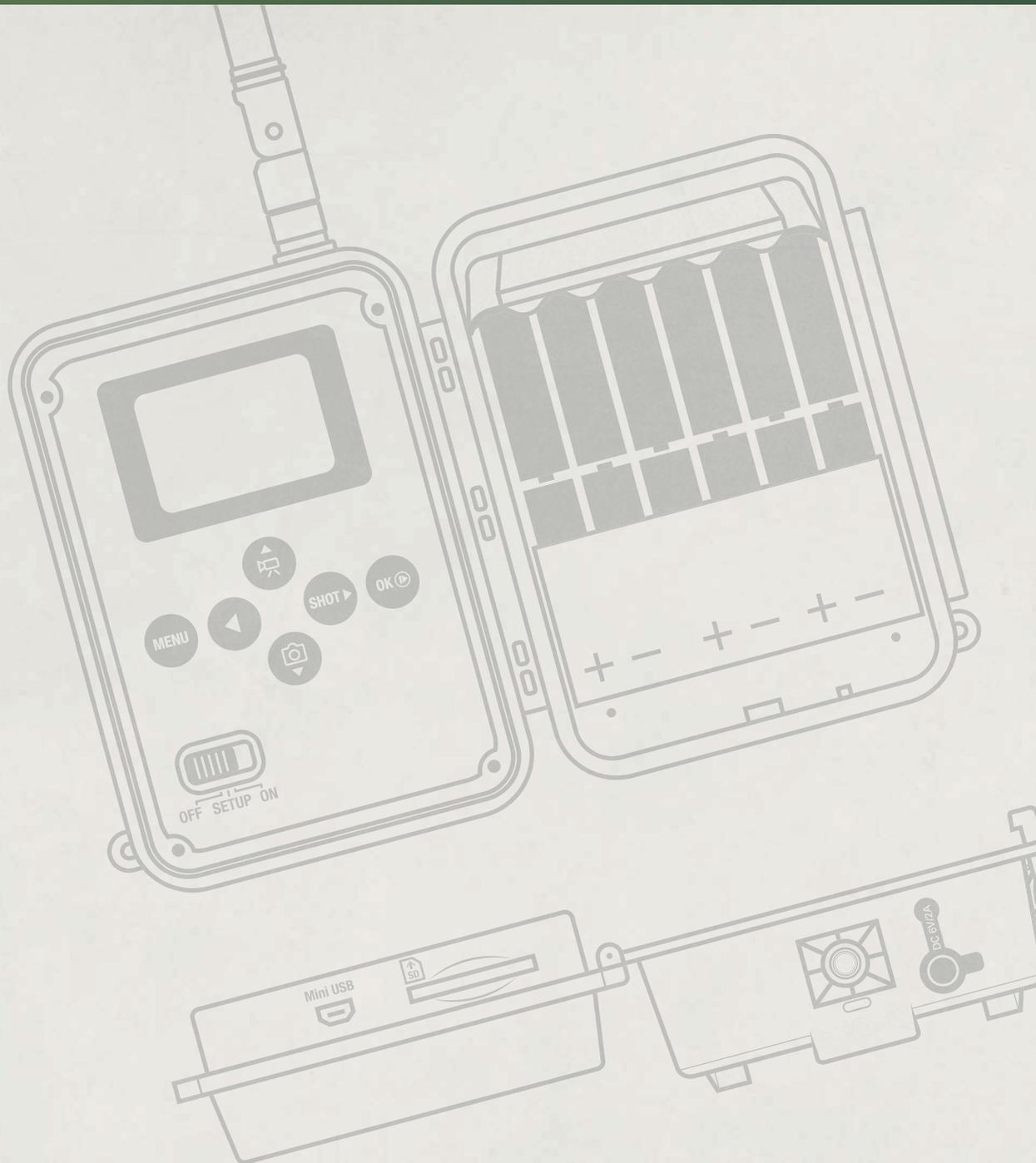
The CE marking complies with the European directives.

**27.5 SIMPLIFIED EU DECLARATION OF CONFORMITY**

Hereby, DÖRR GmbH declares that the radio equipment type [204485] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

<http://www.doerrfoto.de/info/EG-Konformitätserklärungen>

# DÖRR



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Item No **204485**

