OLYMPIA ®

IP Camera with Receiver

…easy to operate using the
"ProHomeIPC" app from Olympia

Laden im App Store

JETZT BEI Google play

Operating Manual

06.2015

Contents

Contents

General Information

📖 **Please read and observe the following information and keep this operating manual in a safe place for future reference!**

General Safety Information

Observe the following safety instructions in order to protect yourself from the possibility of personal injury and the product from damage.

⚠ WARNING!

- **Risk of electric shock!** Never attempt to open and repair the device or accessories yourself. Never touch bare contacts with metallic objects. Never plug-in or unplug the power cable when your hands are wet.

- **Risk of suffocation!** Keep out of reach of children! Keep packaging materials and protective foils out of reach of children. Keep the device and any accessories out of reach of children. Small children can swallow small parts. Seek medical attention immediately if a small part is swallowed.

⚠ CAUTION!

- **Risk of hearing damage!** The audio signals are emitted through a loudspeaker. Pay attention that a reasonable loudspeaker volume is set for transmitting the audio signals.

ATTENTION!

Avoid the risk of property damage to your device and observe the information!

- **Do not use the camera in prohibited areas!** Prohibited areas could include public buildings or spaces, for example. Please observe local laws and regulations!

- **Protect the camera** from moisture, dust, liquids, chemicals, vapours, heat and direct sunlight. The camera is not waterproof, so ensure you keep it dry.

- **Only use original accessories.** Only connect accessories approved by the manufacturer to the camera and only us the power adapter supplied.

- **Property damage** is possible. Only use properly installed, easily accessible power sockets.

- **Repairs** to this device may only be completed by properly qualified service personnel.

Intended Use

The IP camera (subsequently referred to as the camera) is designed to perform video surveillance (CCTV) by day and night. The camera is exclusively intended for use in closed rooms. When installing and selecting the area of application of the camera, pay attention to the personal rights of third-parties and that the respective, applicable local laws and regulations are not violated.

Unintended Use

The camera is not suitable for use in wet rooms or potentially explosive areas.

Monitoring of third-parties is not permitted without the respective, explicit authorisation and could have legal consequences.

Any use other than that described in Intended Use is considered unintended use. Unauthorised modification or reconstruction is not permitted.

Under no circumstances open the camera or accessories or attempt to complete any repair work yourself.

Legal Notice

All the trademarks or brand names on the product and/or accessories or which appear in this operating manual serve solely for descriptive purposes and do not imply that they are freely available. The trademarks and brand names are the property of the respective proprietor of the rights.

Notations Used in this Manual

The section below explains the presentations and notations used in this operating manual.

1. This indicates the first step in a set of instructions.

2. This indicates the next step in a set of instructions.

i This symbol indicates useful information which will help you to use the camera and **ProHomeIPC App**.

➡ Indicates a list.

System Requirements

This operating manual assumes users have a basic knowledge of connecting and configuring network-capable devices and smartphones or tablet PCs.

iOS

In order to exploit the full functional scope of the camera using the **ProHomeIPC App** for iOS, you require:

➡ an internet-capable iPhone (from iPhone 4)

➡ operating system iOS 7 or later

➡ **ProHomeIPC App**
(refer to Chapter **Installing the ProHomeIPC App**)

Android

In order to exploit the full functional scope of the camera using the **ProHomeIPC App** for Android, you require:

➡ an internet-capable smartphone

➡ operating system Android 4.0 or later

➡ **ProHomeIPC App**
(refer to Chapter **Installing the ProHomeIPC App**)

General Overview

This section provides information on the package contents as well as the connections and operating elements on the camera.

Checking the Package Contents

Unpack the camera and check that the package contents are complete. The camera package must contain the following components:

➡ Camera

➡ Power adapter plug

➡ Receiver

➡ Mounting bracket

➡ Network cable (RJ45/RJ45, Cat.5e)

➡ Operating manual

> ● Check for any visible signs of damage to the camera
> ℹ packaging or the components supplied. If there are,
> do not put the camera into operation.

Connections and Operating Elements

Before connecting the camera, familiarise yourself with the connections and operating elements on it.

1	Lens with optical zoom (model IC 1280 Z only)
2	Infrared LEDs (night vision)
3	Brightness sensor
4	Microphone
5	WLAN receiving antenna
6	Loudspeaker
7	Power adapter connection port
8	Port for receiver (connection to an alarm system from the Protect series)
9	MicroSD card slot (max. 32 GB)
10	Network connection port
11	Aux output (3.5 mm connector)
12	Internal thread for mounting bracket
13	Reset button
14	Installation holes
15	Rating plate with QR code

Receiver

16	Power cable (connect to power connection port on the camera)
17	Power adapter connection port
18	I/O port
19	Status LED (not illustrated here)
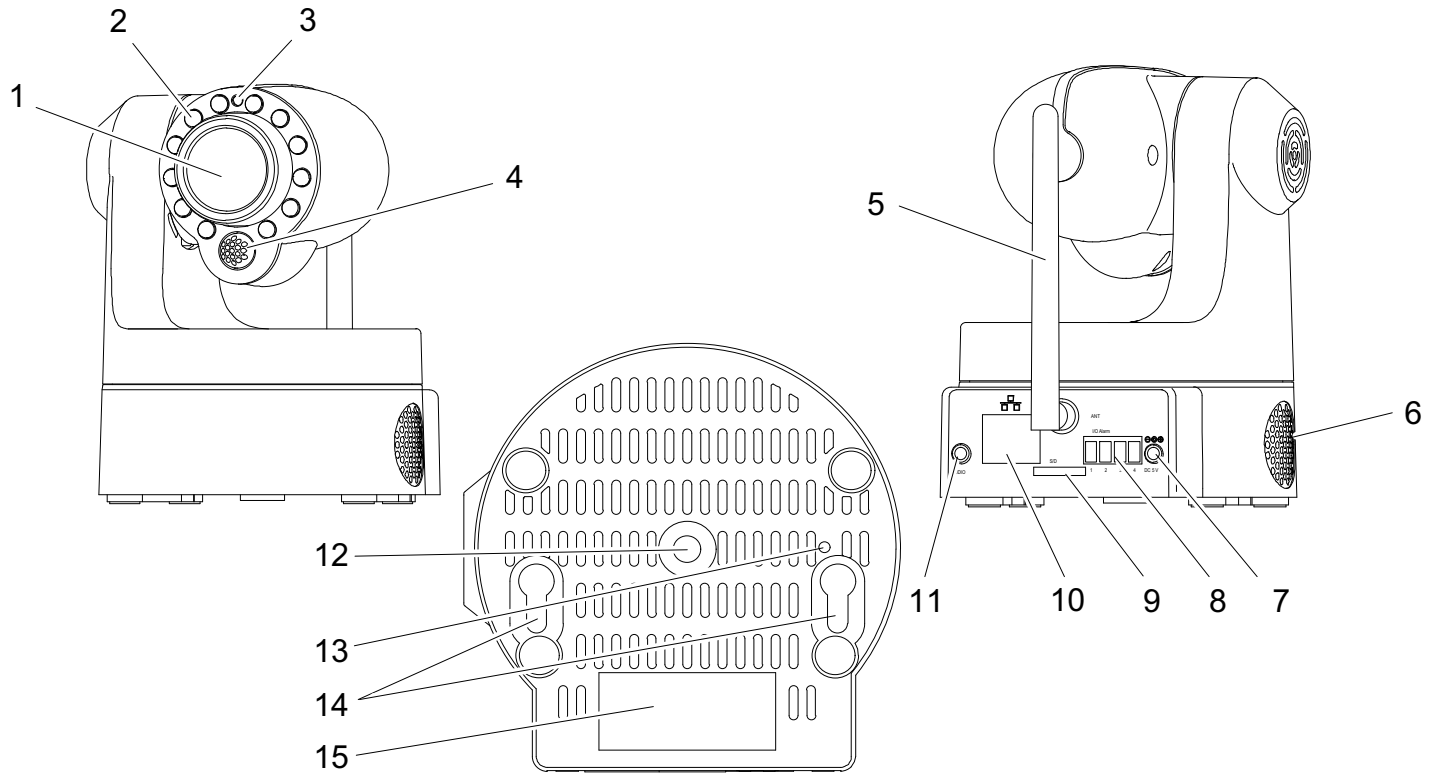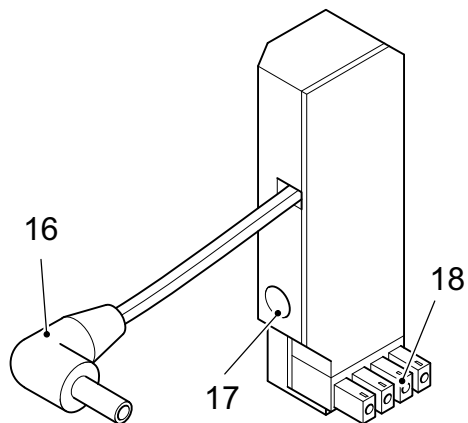
Pivoting Range and Angle of Vision
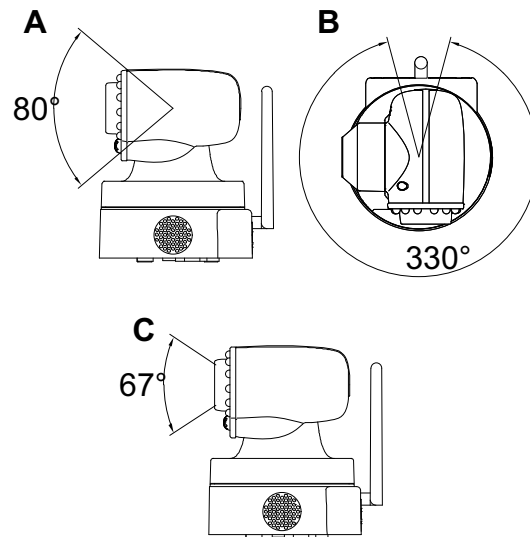
A	Vertical pivoting range
B	Horizontal pivoting range
C	Angle of vision

GB

11

Connecting the Camera

This section provides information on how to position and connect the camera and insert a microSD memory card in it.

➡ Inserting a microSD memory card

➡ Positioning the camera or mounting it on a wall

➡ Connecting the camera - network cable

➡ Connecting the camera - power adapter and receiver

Inserting the MicroSD Memory Card

In order to be able to make video recordings and save them, you must insert a microSD memory card in the camera. Use a microSD memory card with a maximum memory capacity of 32 GB.

ℹ ● No microSD memory card is enclosed in the camera package supplied.

1. Insert a microSD memory card in the microSD memory card slot at the rear of the camera.

ℹ ● The microSD memory card latches audibly in place.

Positioning the Camera

When the camera is put into operation for the first time, it must be connected to a network connection port (LAN) on your router via the network cable. Therefore, when putting the camera into operation for the first time, it should be located near your router.

➡ After putting the camera into operation for the first time and configuring it, you can install the camera at the location where it should perform the video surveillance. When doing so, it is essential to observe the applicable laws and local regulations.

Mounting the Camera on the Wall/Ceiling

You can mount the camera anywhere using the mounting bracket contained in the package supplied.

⚠ **WARNING!**

Risk of fatal injury through electric shock or gas explosion!

During installation, pay attention to the possibility of electrical cables and gas pipes running in the walls.

Pay attention that you do not damage electric cables or gas pipes.

1. Drill two sufficiently large holes in the wall.

● Use the mounting bracket supplied as the template
  for the position of the holes.

2. Insert the dowels in the drill holes.

3. Assemble the mounting bracket using suitable screws.

4. Fit the camera on the mounting bracket.

● Use the internal thread on the underside of the cam-
  era.

Connecting the Camera -
Network Cable

Connect the network cable to the network connection
port (10) on the camera and a free network connection
port (LAN) on the router.

● A condition for putting into operation is the unam-
  biguous identification of your camera within your net-
  work. If you have not altered the default setting of
  your router, this will occur automatically. In the case
  of most routers, the **DHCP** function is activated at
  the factory.

● More detailed information on the **DHCP** function is
  provided in the operating manual supplied with your
  router.

Connecting the Camera -
Power Adapter and Receiver

If you want to integrate the camera in an existing alarm
system, you need the receiver supplied.

If you only want to use the camera to monitor a certain
area, you do not need the receiver supplied.

Operating with an Alarm System
(Protect 6xxx / 9xxx)

If you want to integrate the camera in an alarm system
(Protect Series 6xxx / 9xxx alarm system from Olympia),
you must use the receiver supplied.

1. Connect the receiver to the port (8) on the camera.

> **ATTENTION!**
>
> Property damage is possible!
>
> The camera could be damaged if you use a wrong
> power adapter.
>
> Only use the power adapter supplied.

2. Connect the power cable (16) on the receiver to the
   power connection port (7) on the camera.

3. Connect the power adapter to the power connection port (17) on the receiver and a properly installed, easily accessible power socket.

> ● The LEDs on the network connection port (10) signal
> **i** when a connection exists to the network (lights up orange) and that data is being transmitted (flashes green).

> | **ATTENTION!**
> | Property damage is possible!
> | The camera could be damaged if you move the servomotors by hand or interrupt the movement.
> | Avoid moving the servomotors by hand or interrupting the movement of the camera.

4. The servomotors of the camera are controlled automatically. Wait until the process has finished.

Registering the Receiver on the Alarm System

After connecting the power supply and network to the receiver, you must register the receiver on the base unit of the alarm system.

1. Disconnect the power cable of the camera from the power socket on the receiver.

2. Select the **Register** menu option on the alarm system.

> ● To configure the alarm system, please refer to the
> **i** manual supplied with the alarm system.

3. Connect the power cable of the camera to the power socket on the receiver.

4. When the message **Siren** followed by a number appears in the alarm system display, registration on the alarm system was completed successfully.

> ● Change the **Siren** entry to **Camera**, for example, us-
> **i** ing the alarm system menu.

5. The receiver is now registered on the alarm system and can receive signals from the alarm system. In the event of an alarm, the red LED (19) on the rear of the receiver indicates that an active connection between the alarm system and receiver exists.
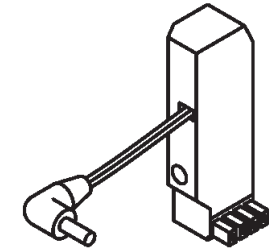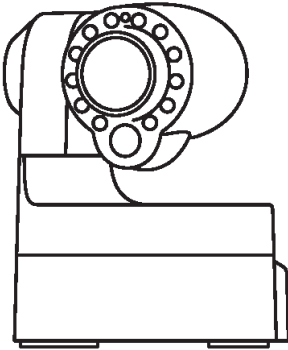
Communication

Alarm System

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Camera + Sensor

Network Cable
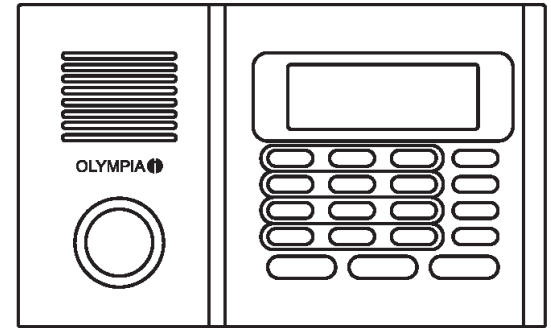
Router

Use Without an Alarm System

If you want to use the camera without an alarm system (Protect Series 6xxx / 9xxx alarm system from Olympia), you do not need the receiver supplied.

ATTENTION!

Property damage is possible!

The camera could be damaged if you use a wrong power adapter.

Only use the power adapter supplied.

1. Connect the power cable to the power connection port (7) and a properly installed power socket.

● The LEDs on the network connection port (10) signal
ℹ when a connection exists to the network (lights up orange) and that data is being transmitted (flashes green).
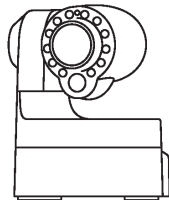
ATTENTION!

Property damage is possible!

The camera could be damaged if you move the servomotors by hand or interrupt the movement.

Avoid moving the servomotors by hand or interrupting the movement of the camera.

2. The servomotors of the camera are controlled automatically. Wait until the process has finished.

Camera   Network Cable   Router

Installing the ProHomeIPC App

1. Download the **ProHomeIPC App** from the App Store or Google Play Store.

2. Enable the **ProHomeIPC App** access to the camera of your smartphone or tablet PC and mobile internet. This simplifies connecting the camera and **ProHomeIPC App** and also enables remote access to the camera via the smartphone or tablet PC.

i You require access to the camera on your smartphone or tablet PC when you want to scan the QR code as described in Section **Connecting the Smartphone/Tablet PC to the Camera**.

i Access to the camera and mobile internet can also be enabled or refused later in the setting options provided by your smartphone or tablet PC. More detailed information is provided in the operating manual supplied with your smartphone or tablet PC.

Connecting the Smartphone/Tablet PC to the Camera

The following conditions must be fulfilled in order that you can use the camera:

➡ You have downloaded and installed the **ProHomeIPC App** as described in Section **Installing the ProHomeIPC App**.

➡ You have set-up and connected the camera as described in Section **Connecting the Camera**.

➡ You smartphone or tablet PC is in the same network as the camera.

1. Start the **ProHomeIPC App**.

2. Touch **Add Device** or **Click here to add camera**.

3. Touch **QRCode** or **Scan**.

4. Scan the QR code on the rear of the camera using the smartphone or tablet PC.

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IP Camera
Security
Solution
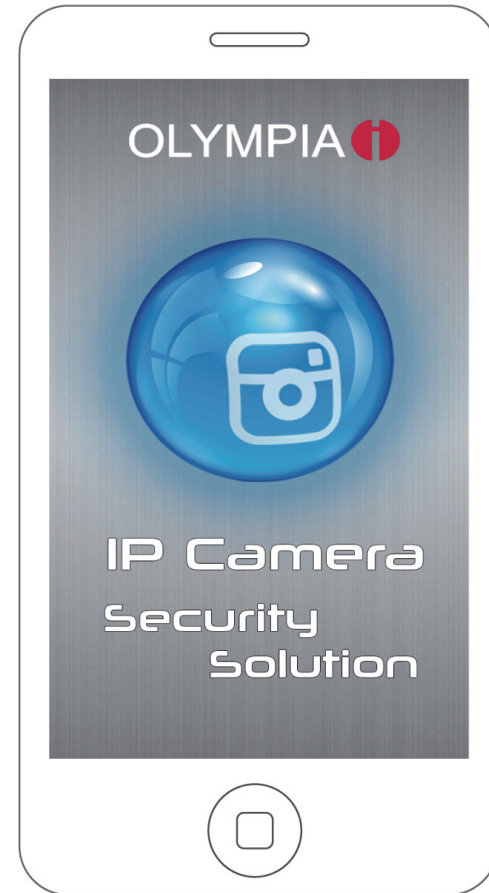
ℹ The **ProHomeIPC App** automatically searches for all the cameras available in the network. If your smartphone or tablet PC is connected in the same network as the camera, the camera is displayed (together with the user identifier and IP address). Alternatively, touch the camera displayed.

5. Enter the camera's password (security code).

ℹ When the default settings are set, the password is **admin**.

6. Save the settings by touching **Save** or **OK**.

Your camera is now listed in the overview of cameras available.

ℹ The first time you attempt to select your camera, you will be requested to change the camera's password (security code) for reasons of security. We urgently recommend that you change the camera's password in order to prevent unauthorised access to your camera, and thus your privacy, by third parties.

OLYMPIA

IP Camera
Security
Solution
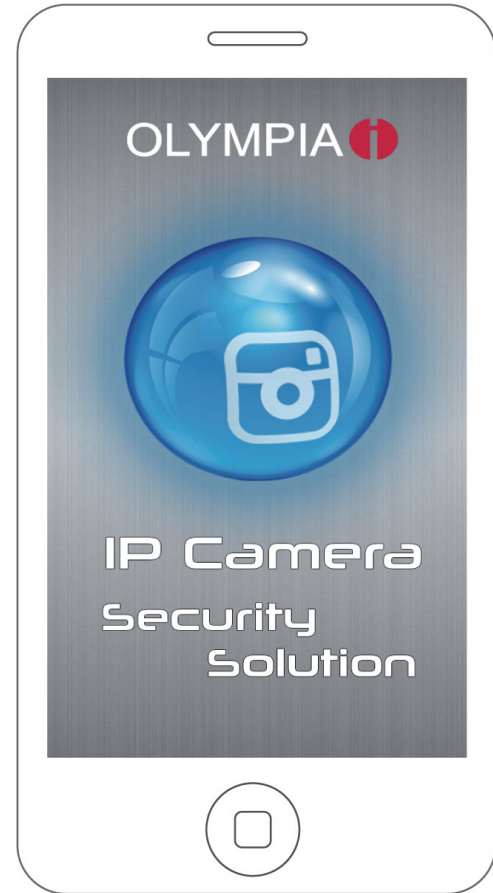
Using the ProHomeIPC App

Familiarise yourself with how to use the
ProHomeIPC App.

2. Tap your finger on the display of your smartphone or tablet PC to open the submenus and activate functions.

1. Swipe your finger in any direction over the display of your smartphones or tablet PC to move the screen section displayed.

● Alternatively, touch the green direction arrows to
i move the screen section displayed.
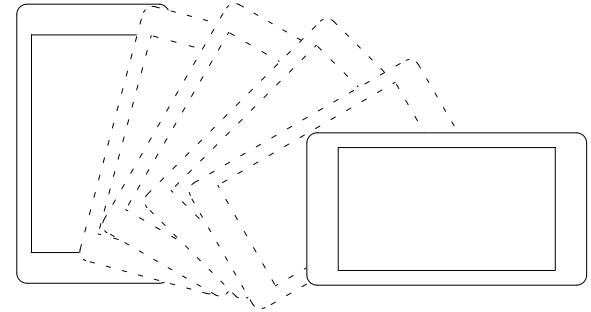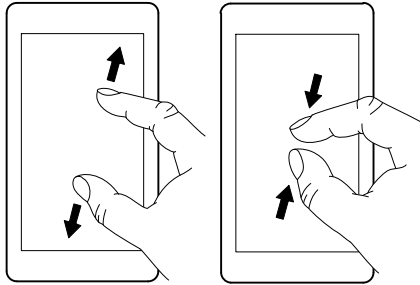
3. Zoom the image displayed on the display of your smartphone or tablet PC by touching the image section with two fingers and spreading them apart accordingly. Move your fingers in the opposite direction to reduce the size of the image.

- Alternatively, touch the magnifying glass icons to zoom the image displayed in or out accordingly.

4. Rotate your smartphone or tablet PC on its side. The image then appears as a full screen display.

- If necessary, you must activate the function to rotate the screen contents in the Settings menu on the smartphone or tablet PC. More detailed information is provided in the operating manual supplied with your smartphone or tablet PC.

Operating the Camera (iOS)

Moving the Screen Section

Swipe your finger in any direction over the display of your smartphone or tablet PC to move the screen section displayed.

> **i** There may be short delays before your camera reacts to the movement of your fingers on the screen of your smartphone or tablet PC depending on the signal strength.

Opening the Menu Bar

Touch your finger on the smartphone or tablet PC screen. A menu bar opens at the bottom edge of the screen.

> **i** A function is assigned to each button in the menu bar. Touch one of the buttons to activate the function or, if necessary, define settings.

Buttons in the Menu Bar

This section provides information on which functions are assigned to the buttons in the menu bar while a live picture is on screen and what you can do with them.

Push to Talk

The camera is equipped with a loudspeaker which can be used to issue vocal communication or sounds spoken or played in your smartphone or tablet PC.

1. Touch the **Push-to-talk** button.

2. Press and hold the button.

3. Speak into the microphone on your smartphone or tablet PC. The vocal communication entered is issued by the loudspeaker in the camera.

Snapshots

You can take a photo of the live image currently scanned by the camera.

1. Touch the **Snapshot** button. The live image currently displayed is saved as a snapshot. The **Snapshot saved** message appears in the display.

i When the default settings are set, the snapshots are saved locally on the smartphone or tablet PC. You can also save your snapshots on the camera. More detailed information is provided in Section **Recording on the SD Memory Card**.

2. Touch the button to open an overview of the snapshots taken.

Saving Image Sections as a Preset

You can divide the image of the entire area under surveillance (limited by the angle of detection and pivoting range of the camera) into different sections and save the sections individually as presets. A total of four presets are possible.

Each preset can then be assigned to a defined memory location

• to be accessed quickly.

• to display the respective area under surveillance.

1. Navigate to any section of the image.

2. Touch the **Image section** button.

3. Touch and hold one of the four memory locations (1 - 4) to assign the respective image preset. You receive a reply: **Camera preset point x has been save**.

4. Repeat the steps and assign a different preset image section to each memory location.

Quick Access

1. Touch one of the memory locations. The camera moves to the image section which you have defined in the memory location selected in the preset.

ℹ The respective preset remains assigned to memory locations 1 - 4 until you save a new preset for one of the memory locations.

Image Section Under Surveillance

If you have assigned one or more image sections to the memory locations, you can define one image section as standard in **Alarm Setting** to ensure that the image section remains permanently monitored.

ℹ The camera moves automatically to the position for the selected image section. This also applies when you move the live image manually to another position and then exit from the menu or **ProHomeIPC App**. The camera then moves back automatically to the position for the selected image section.

Activating Night Vision

If the brightness of the area being monitored falls below a certain level, the infrared LEDs are automatically activated.

The infrared LEDs serve as a residual light amplifier so that the area monitored is illuminated despite the dark and can continue to be monitored. The live image displayed appears in black and white.

1. Touch the **IRLight Switch** button.

2. Touch this button to activate automatic night vision.

3. Touch this button to deactivate automatic night vision.

Flipping the Image Section Horizontally

You can flip (mirror) the live image displayed about the horizontal axis. This is useful, for example, if you want to install your camera on a ceiling using the holding bracket.

1. Touch the **Flip horizontal** button. The current live image displayed is flipped about the horizontal axis.

Flipping the Image Section Vertically

You can flip (mirror) the live image displayed about the vertical axis. This can be useful, for example, when the camera is mounted in such a way that parts of the area under surveillance lie in a blind spot.

1. Touch the **Flip vertical** button. The current live image displayed is flipped about the vertical axis.

Changing the Resolution

You can change the resolution of the camera. This can be useful, for example, when there is a long delay regarding data transmission; i.e. the camera takes a long time to react to the movement commands you issue via the **ProHomeIPC App**. In such cases, it may be advantageous to reduce the resolution of the live image being transmitted.

ℹ More detailed information on this subject is available in Section **Troubleshooting.**

1. Touch the **Video Quality** button.

2. Touch the setting required.

ℹ Repeat this step until the camera reacts to the movement commands issued via the **ProHomeIPC App** without any delay.

Adapting to Environmental Conditions

You can adapt the camera settings to the environmental conditions of the area under surveillance.

1. Touch the **EnvironmentMode** button.

2. Touch the required setting depending on whether the area under surveillance is bright or dark.
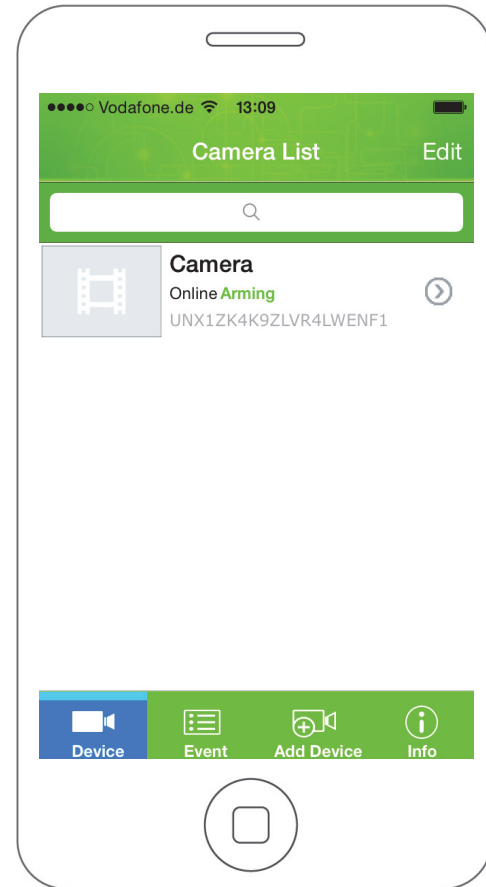
Start Screen of the ProHomeIPC App

When a camera has been found and integrated success-
fully in the **ProHomeIPC App**, the corresponding camera
is displayed on the start screen.
In this view, all the cameras integrated in the
ProHomeIPC App are displayed.

i We recommend that you assign each camera con-
nected an unambiguous name (refer to Section
Name).

You are provided with a view of

➡ the unambiguous user identifier (**UID**) of the camera,

➡ the name (designation) of the camera,

➡ the monitoring status of the camera,

➡ the alarm preset status of the camera and

➡ the possibility of connecting new cameras by means of
the **ProHomeIPC App**.

Context Menu of the ProHomeIPC App

At the bottom edge of the start screen are four buttons which can be used to complete different settings and functions.

1. Touch the respective button to define the setting or start the function.

Device
Event
Add Device
Info

The settings or functions assigned to the individual buttons are described in the following sections.

ⓘ The following settings can be defined using smartphones and tablets PCs with the Android operating system as well as using smartphones and tablet PCs with the iOS operating system.

ⓘ The following settings only affect the camera selected. Information on particular, individual features is provided at the respective point.

GB
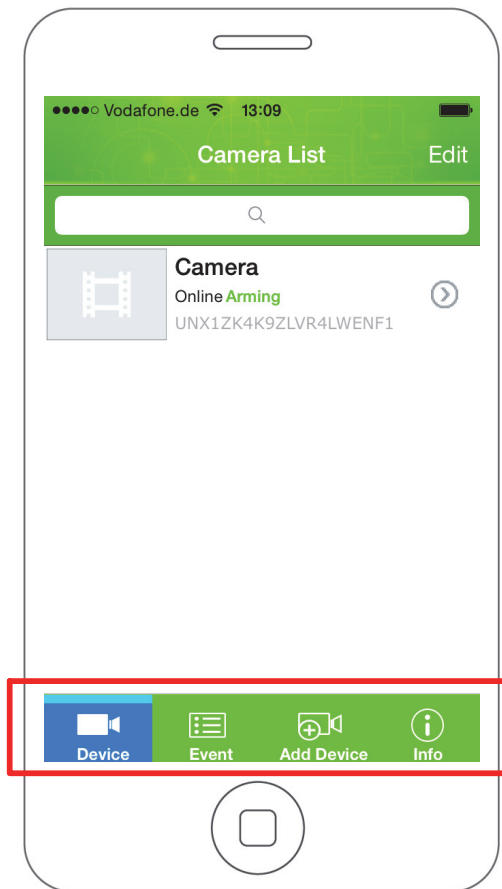
Camera List

The **Device** button is normally active when you open the **ProHomeIPC App**.

1. Touch **Device**. A list of all the cameras integrated in your smartphone app is displayed.

ℹ️ If you touch one of the cameras listed, the live image from the camera selected is displayed. You can move the image section displayed and use the buttons available in the menu bar (refer to **Moving the Image Section** and **Buttons in the Menu Bar**).
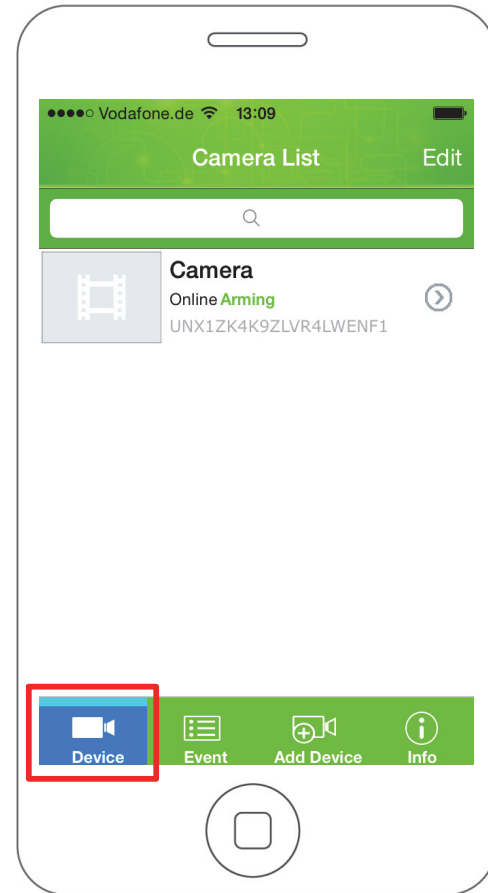
Event

This button provides the option of displaying a list of events which the camera has recorded and saved in chronological order.

1. Touch **Event**.

2. Touch the camera whose recorded events you want to display.

- ● ⓘ If no event has (yet) been recorded, the **No result found** message appears.

You can define specific periods of time in the chronological list of events in order to limit the events displayed to a certain time range.

3. Touch **Search**.

4. Touch the period of the events which should be displayed.

5. All the events related to the time period selected are displayed.
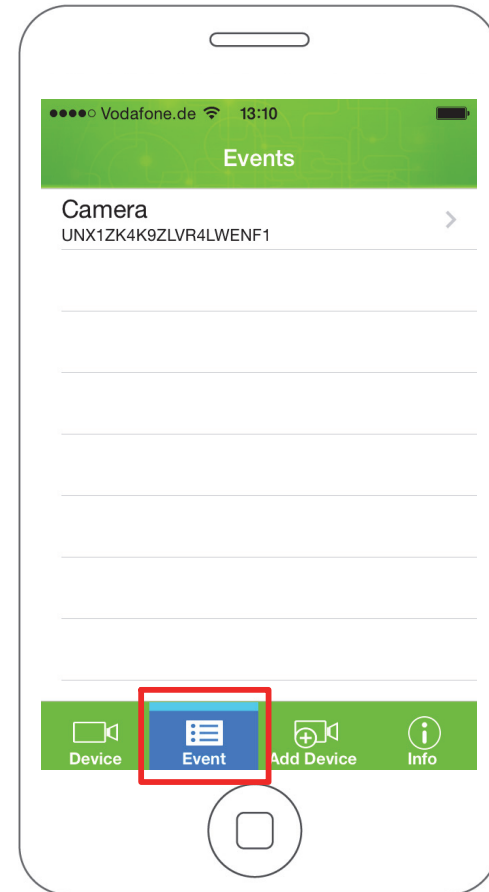
Add Device

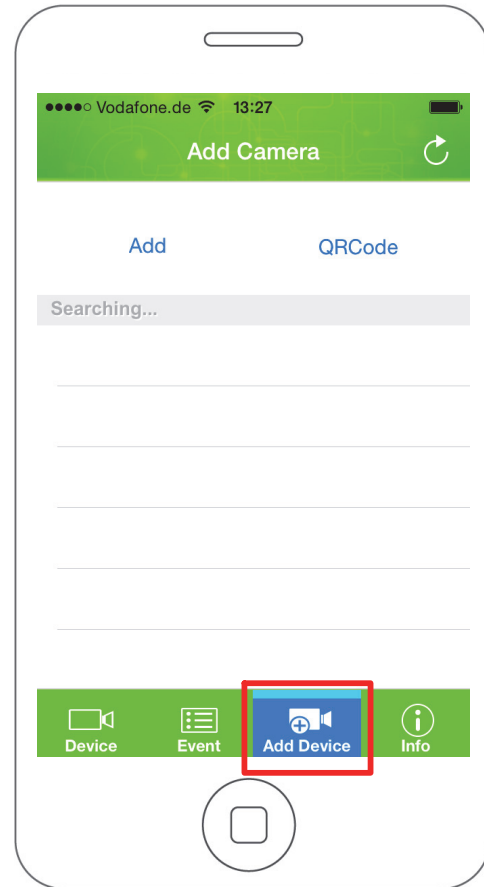You have the possibility of connecting new cameras using the **ProHomeIPC App**.
All the cameras connected are displayed on the start screen.

1. Touch **Add Device**.

QR Code

1. Touch **QRCode**.

2. Scan the QR code on the rear of the camera using your smartphone or tablet PC.

3. Enter the camera's password (security code).

- When the default settings are set, the password is **admin**.

4. Save the settings by touching **Save**.

Your camera is now listed in the overview of cameras available.

- The first time you attempt to select your camera, you will be requested to change the camera's password for reasons of security. Change the camera's password in order to prevent unauthorised access to your camera, and thus your privacy, by third parties.
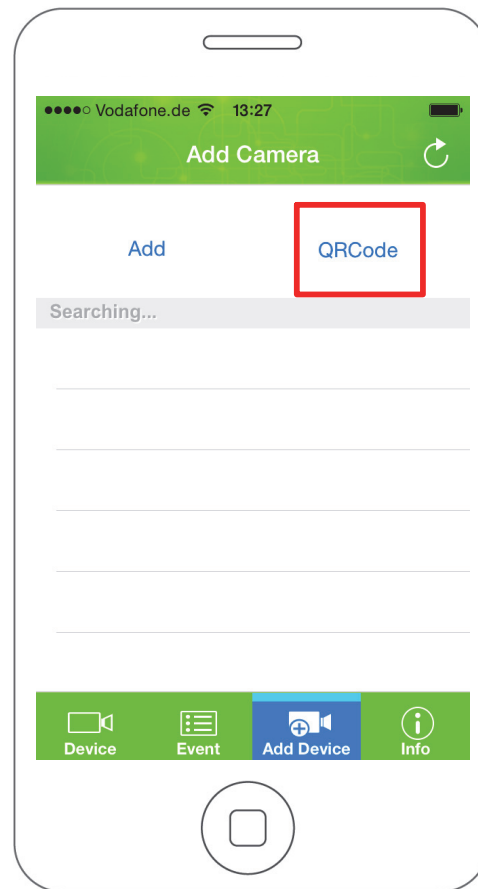
Automatic Search

The **ProHomeIPC App** automatically searches for all the cameras available in the network. If your smartphone or tablet PC is connected in the same network as the camera, the camera is displayed (together with the unambiguous user identifier **UID** and IP address).

1. Touch the camera displayed.

2. Enter the camera's password.

ⓘ   When the default settings are set, the password is **admin**.

3. Save the settings by touching **Save**.

Your camera is now listed in the overview of cameras available.

ⓘ   The first time you attempt to select your camera, you will be requested to change the camera's password for reasons of security. Change the camera's password in order to prevent unauthorised access to your camera, and thus your privacy, by third parties.
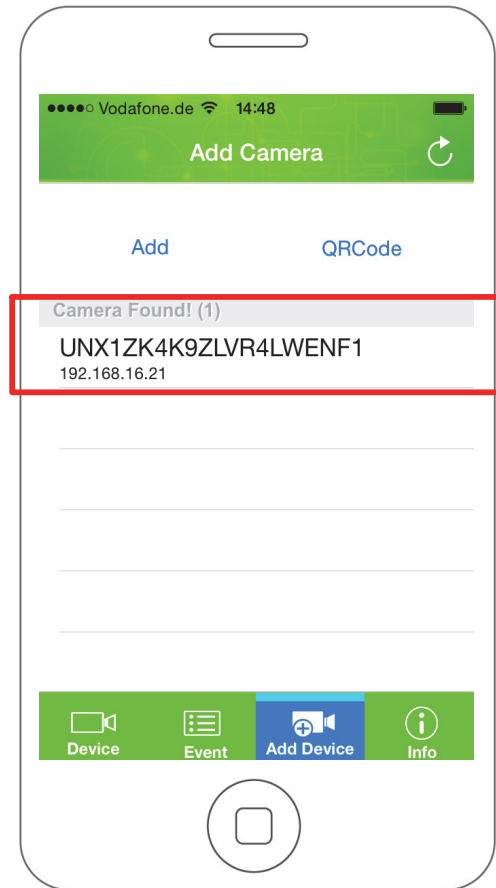
Connecting Manually

You can also connect your camera to the **ProHomeIPC App** manually.

1. Touch **Add**.

2. Enter the user identifier (**UID**), the name and password of the camera.

   ●   The user identifier (**UID**), the name and password
   i are on the rear of the camera.

Your camera is now listed in the overview of cameras available.

   ●   The first time you attempt to select your camera, you
   i will be requested to change the camera's password
      for reasons of security. Change the camera's pass-
      word in order to prevent unauthorised access to your
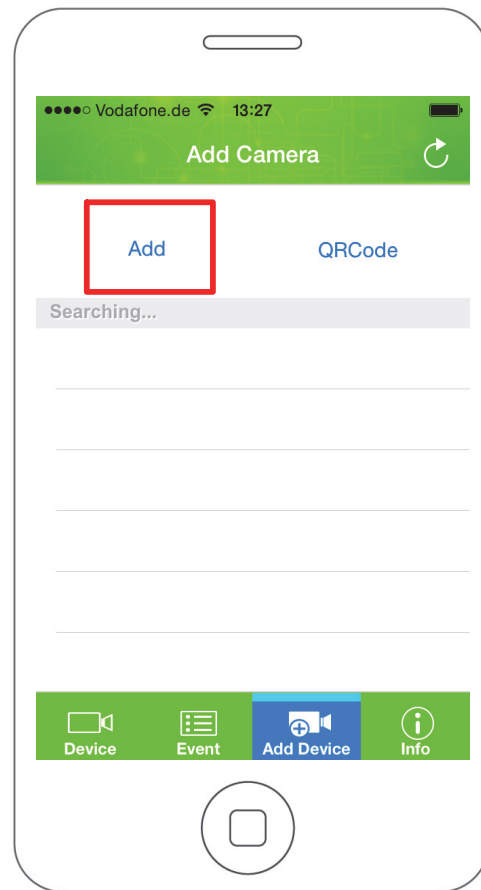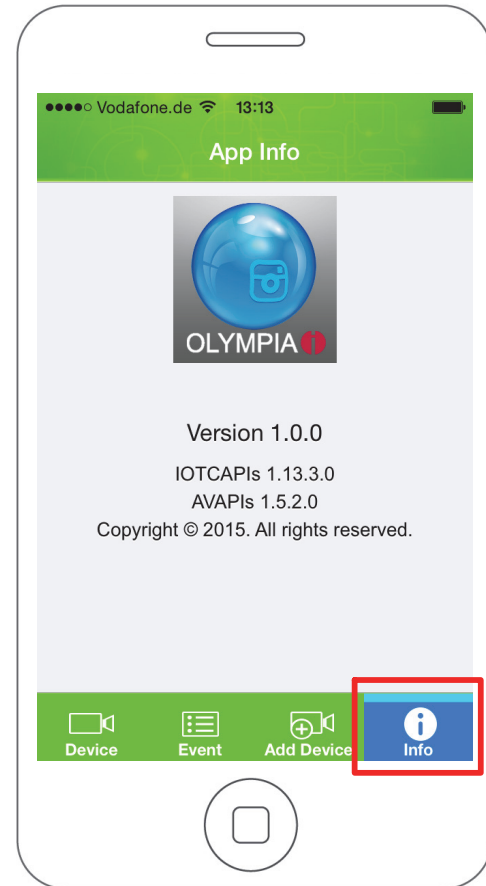   camera, and thus your privacy, by third parties.

Ⓖⓑ

Version Information

It is possible to display detailed information on the version of the **ProHomeIPC App**.

The version information changes with each time the app is updated.

1. Touch **Info**. Information on the current version of the **ProHomeIPC App** is displayed.

Deleting Cameras

It is possible to delete individual cameras from the **ProHomeIPC App**.

All personally defined settings are stored locally on the camera. If you want to reconnect cameras deleted from the list to your smartphone or tablet PC at a later point in time, the personally defined settings are reactivated.

i This does not apply if the settings have been defined from another smartphone or tablet PC. The modified settings are activated in such cases.

1. Touch **Edit**.

2. Touch the **Delete icon** and then the **Delete** option. The camera selected is deleted.

3. Touch **Done**.The start screen reappears.
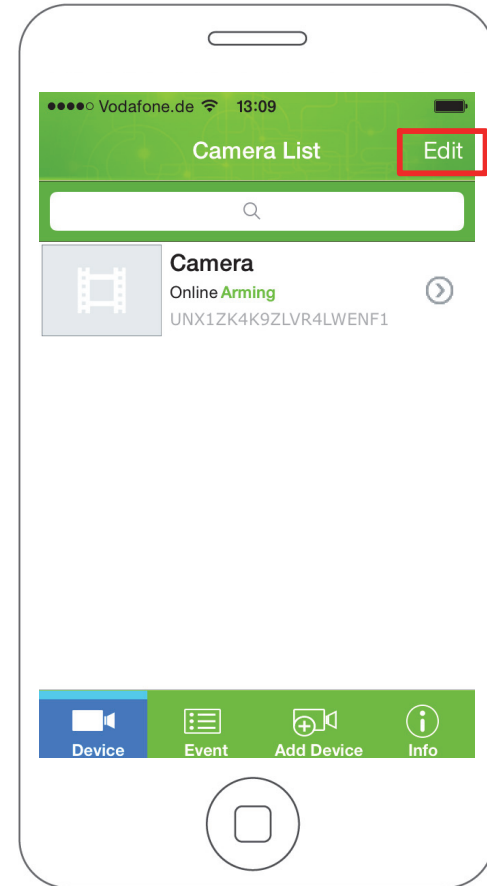
Settings

You can use this menu to define the various functions and settings which control the way in which the camera behaves.

The **Settings** menu is arranged into four areas.

➡ Camera

➡ Advanced Settings

➡ Alarm Settings

➡ Time Settings

1. Touch the arrow to the right beside the required camera.

ℹ The following settings only affect the respective camera selected. Information on particular, individual features is provided at the respective point.

ℹ Some menus contain entries behind which is a small arrow. If you touch this arrow, a list with various options opens. Touch the required entry to select it.

GB
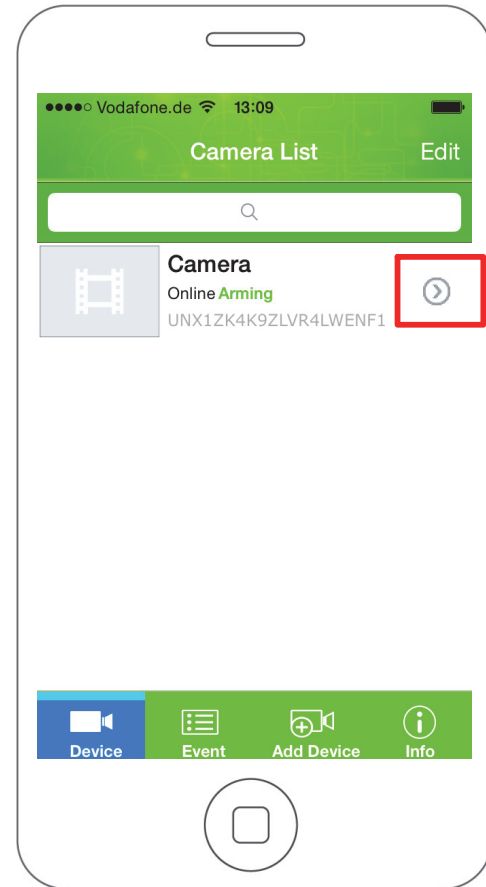
Camera

This area contains information on

➡ the unambiguous user identifier (**UID**),

➡ the camera password and

➡ the name of the camera.
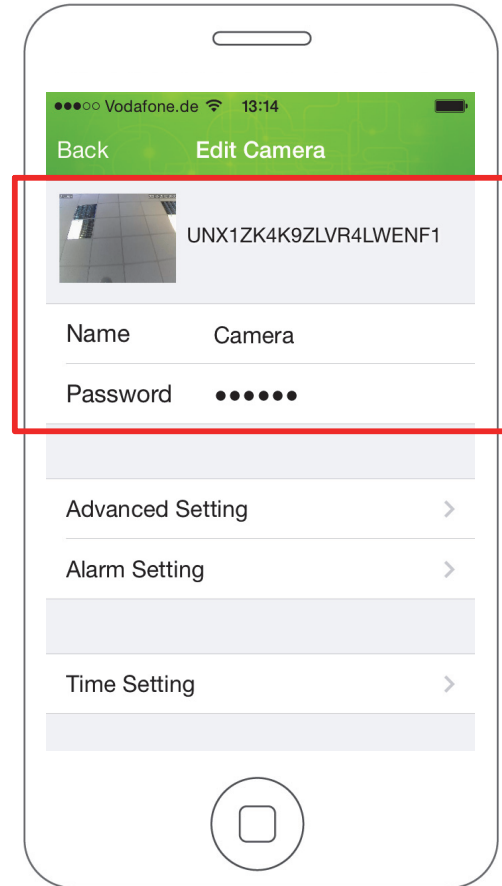
User Identifier (UID)

The camera's user identifier serves to identify the camera within the network.
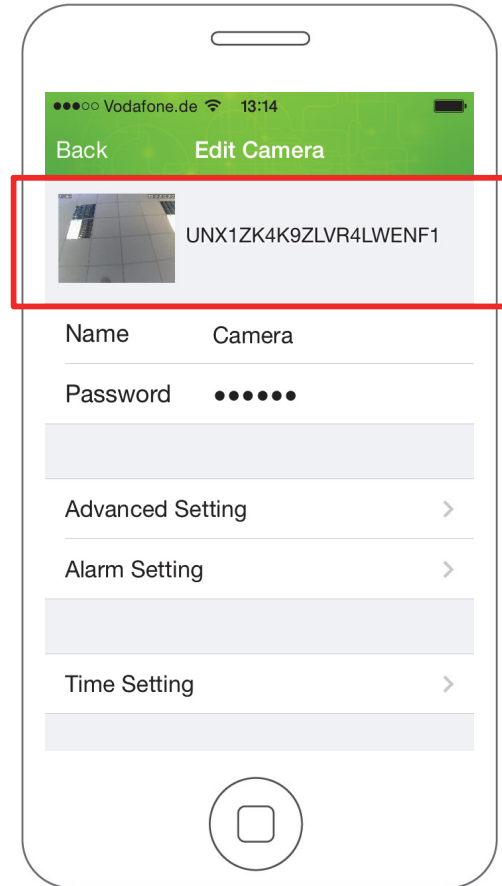
ℹ The user identifier cannot be changed.

Name

The name of the camera is displayed on the
ProHomeIPC App start screen.
This enables you to simplify the assignment of your camera if you have connected several cameras to the
ProHomeIPC App.

> **ℹ** You should assign each camera an unambiguous
> name, such as **Living room**, **Office** or **Workshop**.

1. Touch the field beside the **Name** option.

2. Change the name of the camera.
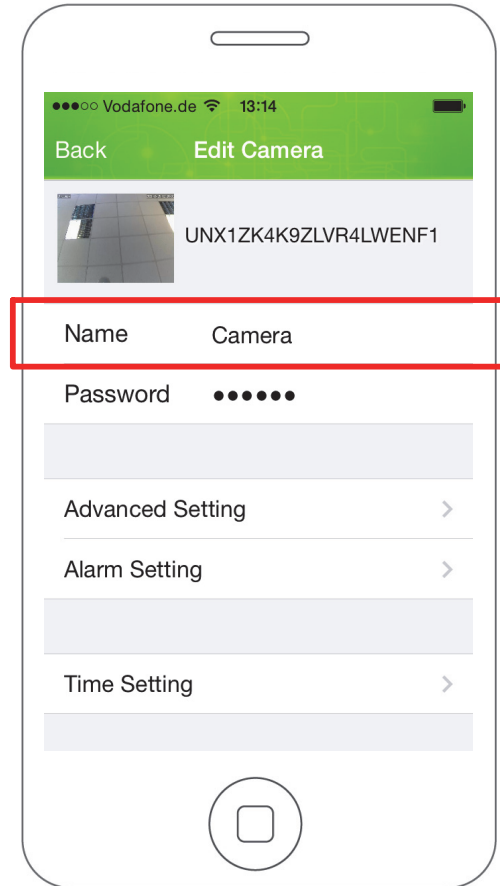
Password

The camera password protects the camera from access by unauthorised third-parties.

- ℹ️ For reasons of security, we recommend that you change the camera password when you put it into operation for the first time (refer to **Security Settings**).

For reasons of security, the characters entered are encrypted.
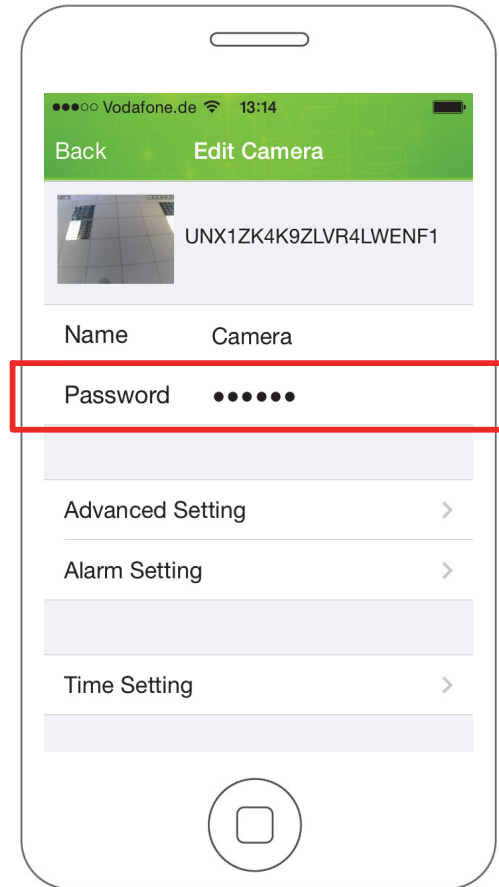
Advanced Settings

This option provides various functions and settings with which you can define how the camera behaves according to your own individual requirements.

➡ Security code settings

➡ WiFi settings

➡ SD card settings

➡ Device information.

1. Touch **Advanced Setting**.
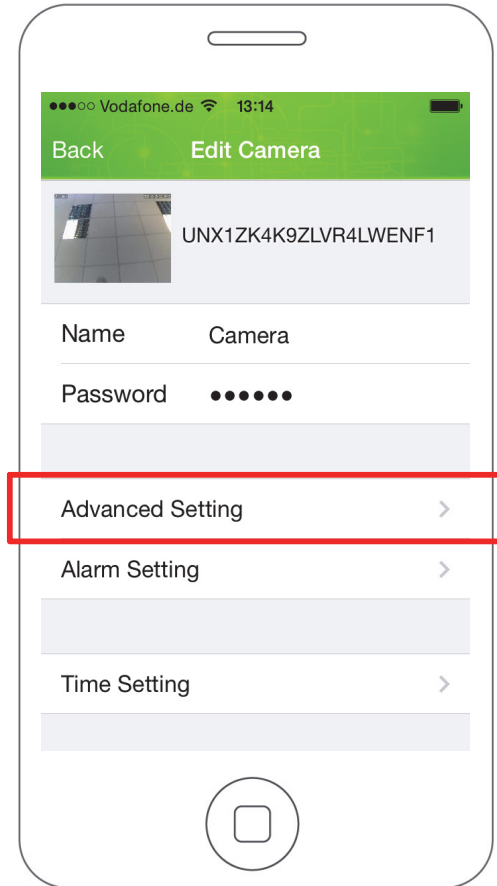
Security Code

This menu option enables you to change the camera security code.
The camera's security code protects the camera from access by unauthorised third-parties.

ℹ ● For reasons of security, we recommend that you change the camera security code when you put it into operation for the first time.

1. Touch **Security Code** in the **Advanced Setting** menu.

2. Enter the existing security code.

ℹ ● When the default settings are set, the password is **admin**.

3. Enter the new security code.

4. Enter the new security code again.

5. Save the setting by touching **OK**.
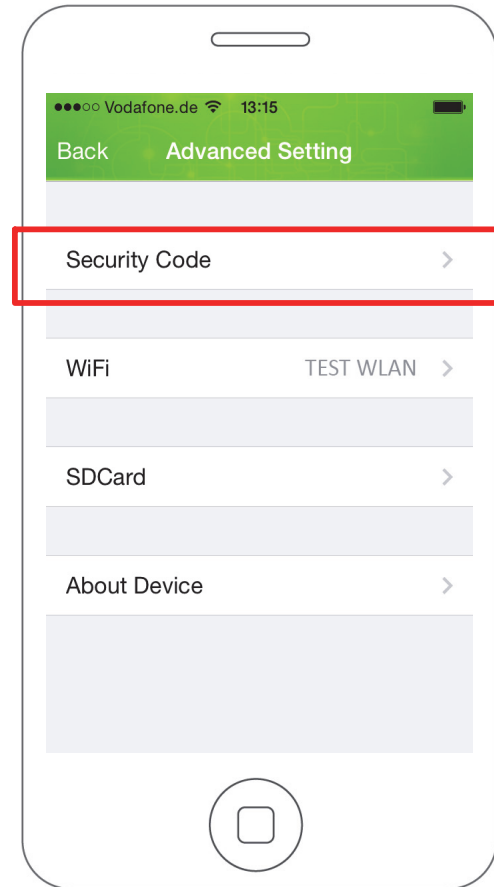
WiFi

This menu enables you to see the wireless network with which your camera is connected.
Proceed as follows to connect your camera to another wireless network:

1. Touch **WiFi** in the **Advanced Setting** menu.

2. Touch the arrow on the right to open a list containing all the wireless networks available in the vicinity.

3. Touch the network to which you want to connect your camera.

4. Enter the **WiFi password** of the network selected. For security reasons, the characters of the password appear encrypted.

5. Save the setting by touching **OK**.

- ℹ️ When you have integrated your camera in a wireless network, you can disconnect the network cable from the network connection port on the camera.

(GB)
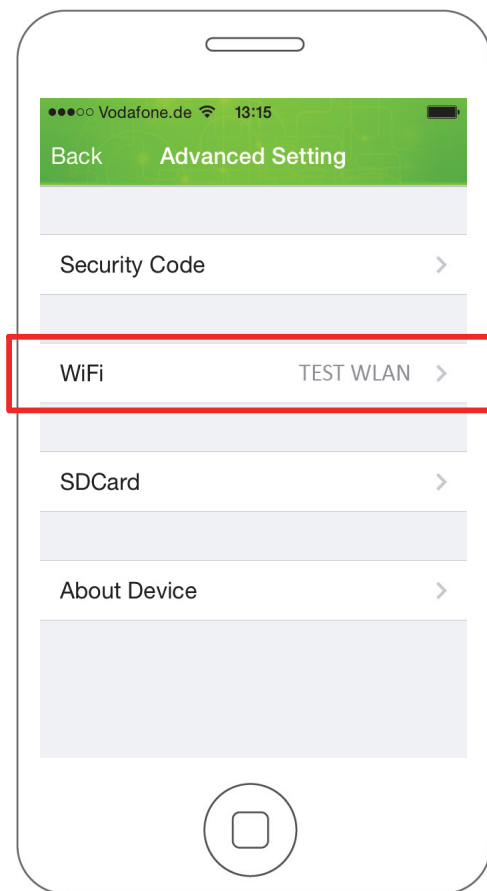
Formatting the MicroSD Memory Card

This menu enables you to format the microSD memory card inserted in the camera.

1. Touch **SDCard** in the **Advanced Setting** menu.

2. Touch **SDCard** and confirm the prompt. The microSD memory card is formatted.

ℹ️ Any events and snapshots already stored on the microSD memory card will be deleted.

●●●○○ Vodafone.de 🔔 13:15

Back   **Advanced Setting**

Security Code   ›

WiFi   TEST WLAN   ›

SDCard   ›
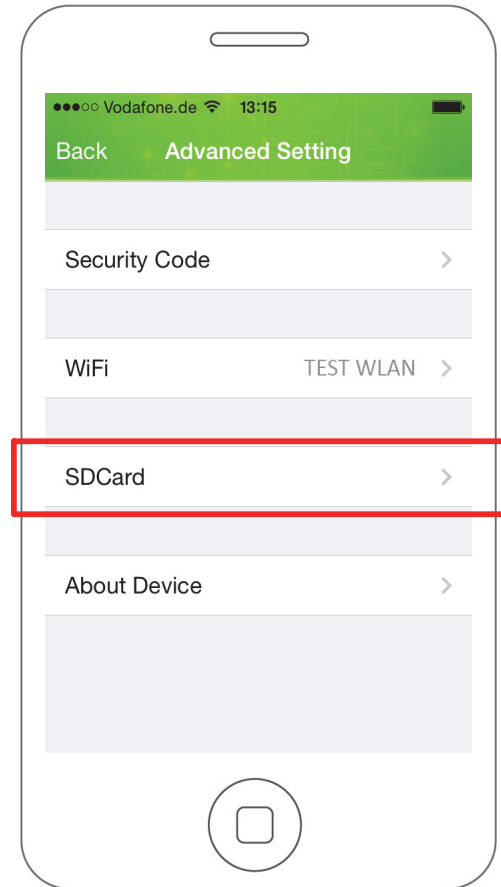
About Device   ›

About Device

This menu option provides information on

➡ the model name of the camera,

➡ the firmware version on the camera,

➡ the camera manufacturer,

➡ the total memory space on the microSD memory card inserted and

➡ the memory space available on the microSD memory card inserted.

ℹ No settings can be changed in this area.

ℹ If you have not inserted a microSD memory card in the camera, 0 MB appears for **Total Size** and **Free Size**.

1. Touch **About Device** in the **Advanced Setting** menu.

●●●○○ Vodafone.de 📶 13:15

Back   **Advanced Setting**

Security Code   ›

WiFi   TEST WLAN   ›

SDCard   ›

About Device   ›
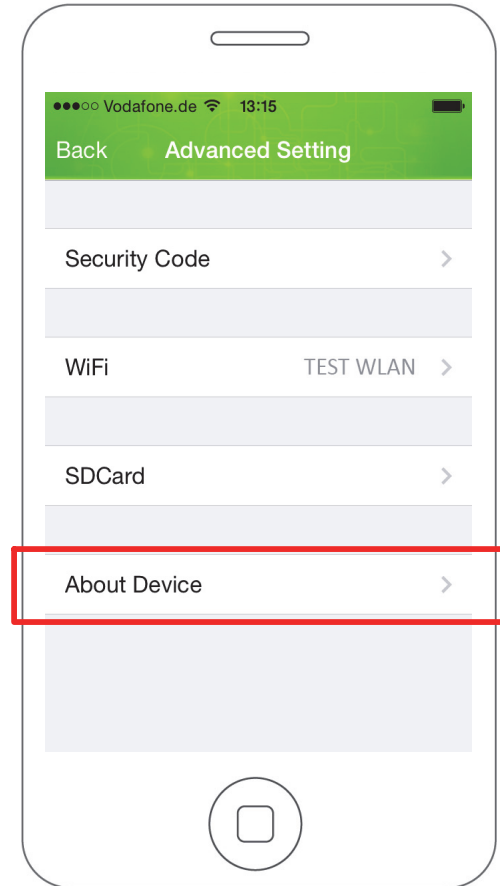
Alarm Setting

This area contains various information and settings options with which to define the alarm settings of the camera and **ProHomeIPC App**.

1. Touch **Alarm Setting**.

● Your smartphone or tablet PC can be set-up to issue
ℹ️ an acoustic signal on detecting a movement. To do this, activate the Push Notification option in the **ProHomeIPC App** in the settings options provided in smartphone or tablet PC.
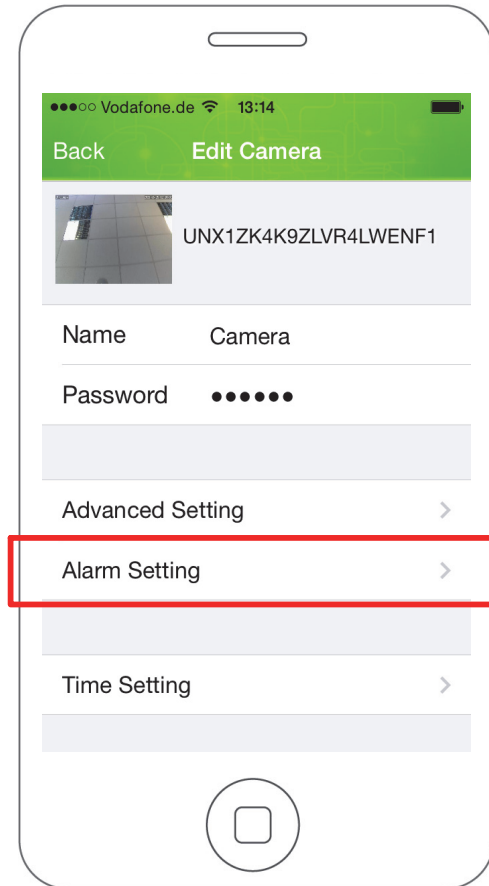
Guard

This option is used to define whether surveillance by the camera should be activated or not. If the **Guard** function is active, a recording is made of the area under surveillance and you are alerted to an alarm situation by an acoustic alarm and Push Notification on your smartphone or tablet PC according to the settings defined.

1. Touch the **Switch icon** beside the **Guard** option. The **Switch icon** indicates it is **ON**.

●
i   To avoid false alarms, we recommend deactivating the **Guard** function when you are at home yourself or, according to your knowledge, other persons are permanently in the area under surveillance.

Ⓖ🄱

Motion Detection

You can select from the list how sensitive the camera should react to movements in the area under surveillance. In the case of a static image, we recommend the **High** setting, in the case of possibly recurrent movements (such as a pet or clouds), we recommend the **Medium** or **Low** setting in order to prevent false alarms.

1. Touch **Motion Detection** in the list.

2. Touch the setting required. The setting is saved.
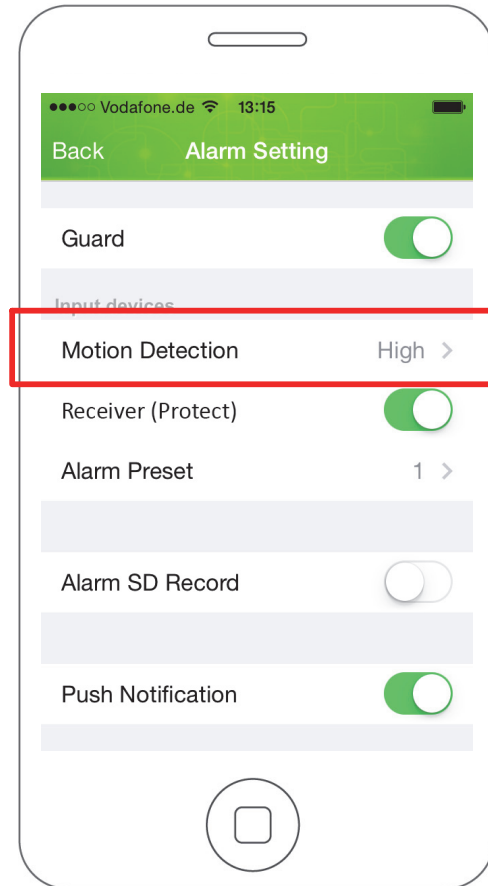
Receiver

Use this menu to define whether the receiver is active or not.

i   A condition for successful activation of this function is that you have connected the receiver to your camera and registered it on your alarm system.

When this function is activated, the camera receives a signal from the alarm system in the event of an alarm. Your camera starts to record the area under surveillance and, at the same time, sends a push notification to your smartphone or tablet PC.

1. Touch the **Switch icon** beside the **Receiver (Protect)** option. The **Switch icon** indicates it is **ON**.

●●●○○ Vodafone.de 🤶 13:15

Back   **Alarm Setting**

Guard

Input devices

Motion Detection   High >

Receiver (Protect)

Alarm Preset   1 >

Alarm SD Record

Push Notification
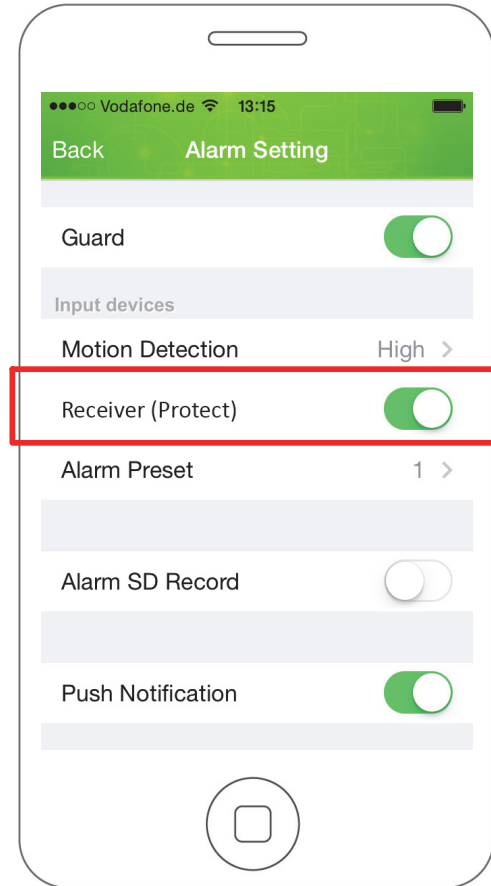
Alarm Preset

You can use this menu to define which of the image sections saved should be permanently monitored (refer to **Saving Image Sections as Presets**).

ℹ️ A condition for the successful use of this function is that the **Guard** function is active.

1. Save at least one image section on one of the four memory locations available (refer to **Saving Image Sections as Presets**).

2. Touch **Alarm Preset** in the list.

3. Touch one of the four memory locations (1 - 4) or the **Current position** setting.

ℹ️ The camera moves automatically to the position for the preset image section. This also applies when you move the live image manually to another position and then exit from the menu or **ProHomeIPC App**. The camera then moves back automatically to the position for the selected image section.

●●●○○ Vodafone.de 🗢 13:15

Back   **Alarm Setting**

Guard

Input devices

Motion Detection   High >

Receiver (Protect)

Alarm Preset   1 >

Alarm SD Record

Push Notification
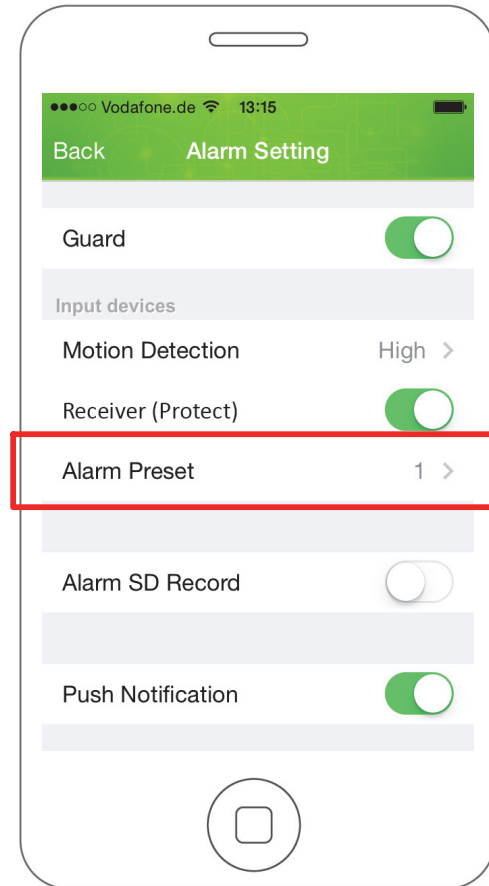
Alarm SD Record

You can use this option to define whether the recordings made should be saved on the microSD memory card inserted or not.

ℹ A condition for the successful use of this function is that you have inserted a microSD memory card in your camera (refer to **Inserting a MicroSD Memory Card**).

1. Touch the **Switch icon** beside the **Alarm SD Record** option. The **Switch icon** indicates it is **ON**.

If there is no microSD memory card in your camera, recordings cannot be saved. The **List of Events** displays events which have been lost but no video material is saved.

Push Notification

You can use this option to define whether the **ProHomeIPC App** push notifications should be sent to your smartphone or tablet PC when the camera detects movements or the alarm system connected is triggered.

i A condition for the successful activation of this function is that the transmission of push notifications has been enabled in the system settings on the smartphone or tablet PC. More detailed information is provided in the operating manual supplied with your smartphone or tablet PC.

i The push notification also functions when the **ProHomeIPC App** is not running in the background but has been terminated.

1. Touch the **Switch icon** beside the **Push Notification** option. The **Switch icon** indicates it is **ON**.
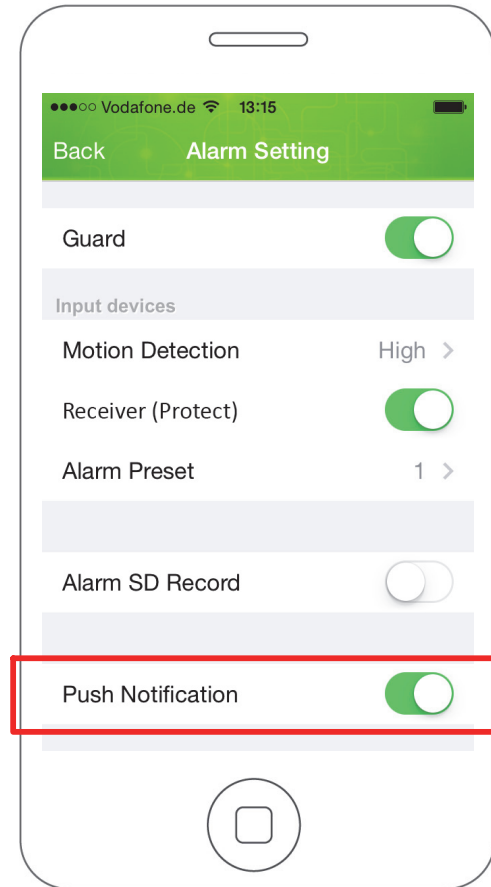
GB

Time Setting

This option provides information and functions regarding the time settings used.

1. Touch **Time Setting** in the **Settings** menu.

2. Define the respective settings as required.

● When the default settings are active, the time and
i date stamp displayed in the live image reflect the
time and date provided by the network connected.
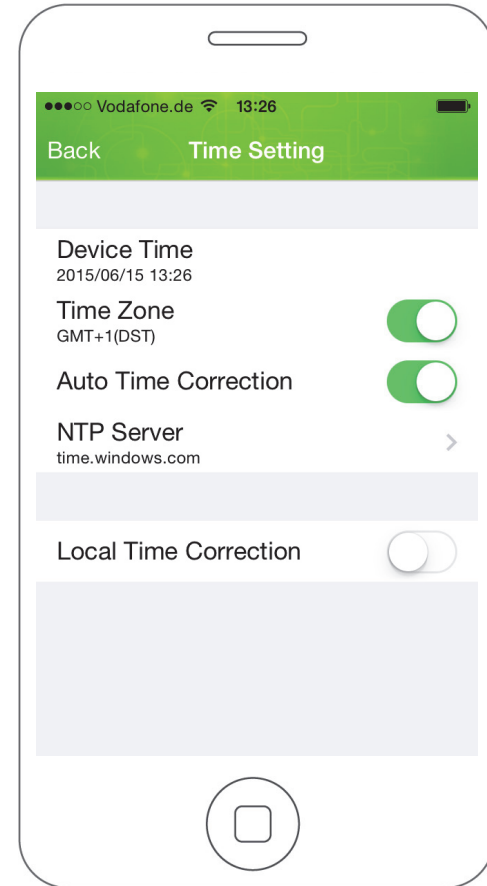
Operating the Camera (Android)

Moving the Screen Section

Swipe your finger in any direction over the display of your smartphones or tablet PC to move the screen section displayed.

i There may be short delays before your camera reacts to the movement of your fingers on the screen of your smartphone or tablet PC depending on the signal strength.

Opening the Menu Bar

Touch your finger on the smartphone or tablet PC screen. A menu bar opens at the bottom edge of the screen.

i A function is assigned to each button in the menu bar. Touch one of the buttons to activate the function or, if necessary, define settings.

Buttons in the Menu Bar

This section provides information on which functions are assigned to the buttons in the menu bar while a live picture is on screen and what you can do with them.

Push to Talk

The camera is equipped with a loudspeaker which can be used to issue vocal communication or sounds spoken or played in your smartphone or tablet PC.

1. Touch the **Push-to-talk** button.

2. Press and hold the button.

3. Speak into the microphone on your smartphone or tablet PC. The vocal communication spoken is issued by the loudspeaker in the camera.

Snapshots

You can take a photo of the live image currently scanned by the camera.

1. Touch the **Snapshot** button. The live image currently displayed is saved as a snapshot. The **Snapshot succesfully** message appears in the display.

ℹ️ When the default settings are set, the snapshots are saved locally on the smartphone or tablet PC. You can also save your snapshots on the camera. More detailed information is provided in Section **Recording on the SD Memory Card**.

2. Touch the button to open an overview of the snapshots taken.

Saving Image Sections as a Preset

You can divide the image of the entire area under surveillance (limited by the angle of detection and pivoting range of the camera) into different sections and save the sections individually as presets. A total of four presets are possible

Each preset can then be assigned to a defined memory location

• to be accessed quickly.

• to display the respective area under surveillance.

1. Navigate to any section of the image.

2. Touch the **Image section** button.

3. Touch and hold one of the four memory locations (1 - 4) to assign the respective image preset. The **Save presets success** message appears.

4. Repeat the steps and assign a different preset image section to each memory location.

Quick Access

1. Touch one of the memory locations. The camera moves to the image section which you have defined in the memory location selected in the preset.

• The respective preset remains assigned to memory
  locations 1 - 4 until you save a new preset for one of
  the memory locations.

Image Section Under Surveillance

If you have assigned one or more image sections to the memory locations, you can define one image section as standard in **Alarm Setting** to ensure that the image section remains permanently monitored.

• The camera moves automatically to the position for
  the selected image section. This also applies when
  you move the live image manually to another position
  and exit from then the menu or **ProHomeIPC App**.
  The camera then moves back automatically to the
  position for the selected image section.

Activating Night Vision

If the brightness of the area being monitored falls below a certain level, the infrared LEDs are automatically activated.

The infrared LEDs serve as a residual light amplifier so that the area monitored is illuminated sufficiently despite the dark and can continue to be monitored. The live image displayed appears in black and white.

1. Touch the **Infrared switch** button.

2. Touch this button to activate automatic night vision.

3. Touch this button to deactivate automatic night vision.

Flipping the Image Section Horizontally

You can flip (mirror) the live image displayed about the horizontal axis. This is useful, for example, if you want to install your camera on a ceiling using the holding bracket.

1. Touch the **Flip horizontal** button. The current live image displayed is flipped about the horizontal axis.

Flipping the Image Section Vertically

You can flip (mirror) the live image displayed about the vertical axis. This can be useful, for example, when the camera is mounted in such a way that parts of the area under surveillance lie in a blind spot.

1. Touch the **Flip vertical** button. The current live image displayed is flipped about the vertical axis.

Changing the Resolution

You can change the resolution of the camera. This can be useful, for example, when there is a long delay regarding data transmission; i.e. the camera takes a long time to react to the movement commands you issue via the **ProHomeIPC App**. In such cases, it may be advantageous to reduce the resolution of the live image being transmitted.

● More detailed information on this subject is available
ℹ in Section **Troubleshooting.**

1. Touch the **Video Quality** button.

2. Touch the setting required.

● Repeat this step until the camera reacts to the move-
ℹ ment commands issued via the **ProHomeIPC App**
without any delay.

Adapting to Environmental Conditions

You can adapt the camera settings to the environmental conditions of the area under surveillance.

1. Touch the **Environment Mode** button.

2. Touch the required setting depending on whether the area under surveillance is bright or dark.
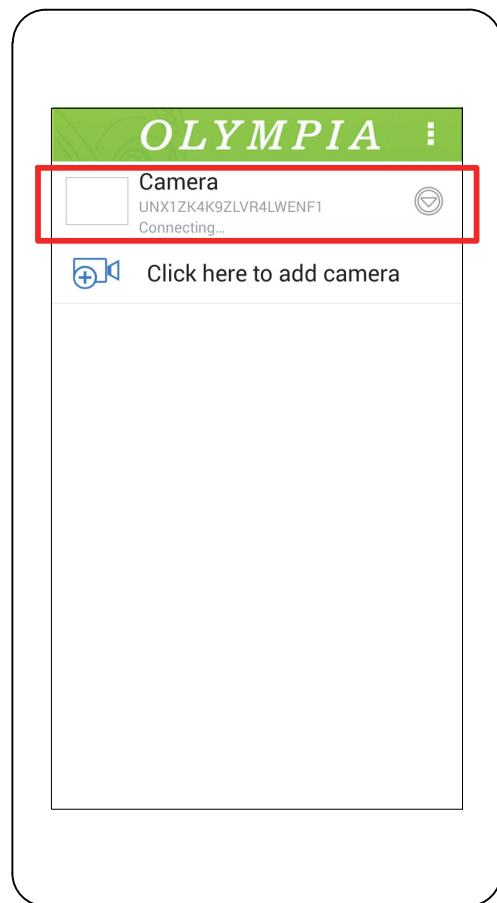
Start Screen of the ProHomeIPC App

When a camera has been found and integrated success-
fully in the **ProHomeIPC App**, the corresponding camera
is displayed on the start screen.
All the cameras integrated in the **ProHomeIPC App** are
displayed in this view.

ⓘ We recommend that you assign each camera con-
nected an unambiguous name (refer to Section
Name).

You are provided with a view of

➡ the unambiguous user identifier (**UID**) of the camera,

➡ the name of the camera,

➡ the monitoring status of the camera,

➡ the alarm preset status of the camera and

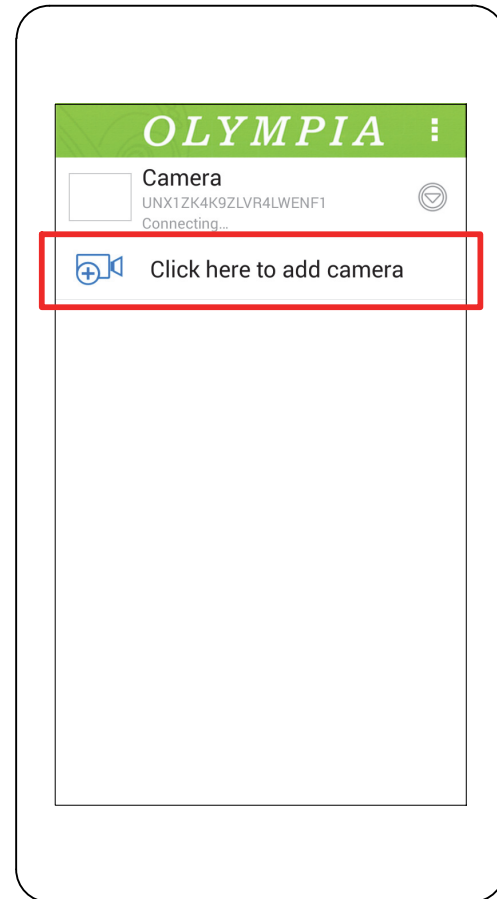➡ the possibility of connecting new cameras by means of
the **ProHomeIPC App**.

Add Device

You have the possibility of connecting more cameras by means of different processes using the **ProHomeIPC App**.
All the cameras connected are displayed on the start screen.
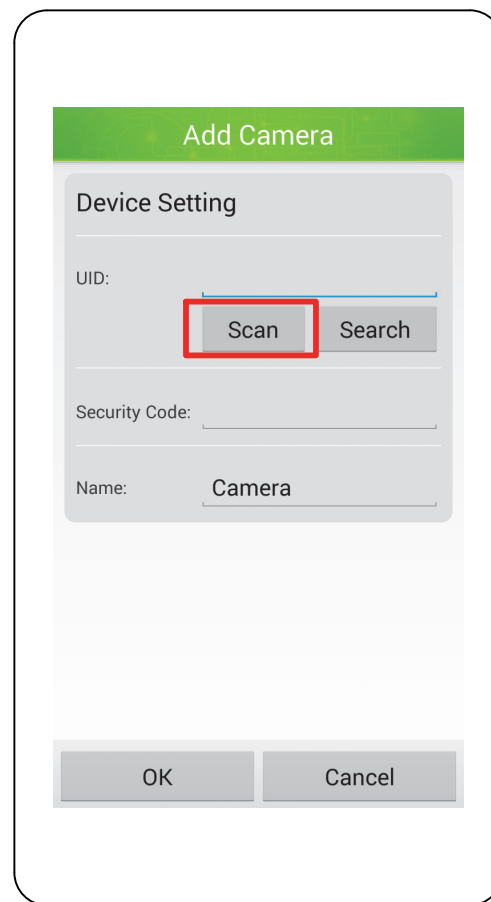
1. Touch **Click here to add camera**.

QR Code

1. Touch **Scan**.

2. Scan the QR code on the rear of the camera using your smartphone or tablet PC.

3. Enter the camera's security code.

● When the default settings are set, the security code
🛈 is **admin**.

4. Save the settings by touching **OK**.

Your camera is now listed in the overview of cameras available.

● The first time you attempt to select your camera, you
🛈 will be requested to change the camera's security code for reasons of security. Change the camera's security code in order to prevent unauthorised access to your camera, and thus your privacy, by third parties.

Automatic Search

The **ProHomeIPC App** automatically searches for all the cameras available in the network. If your smartphone or tablet PC is connected within the same network as the camera, the camera is displayed (together with the unambiguous user identifier **UID** and IP address).

1. Touch **Search**.

2. Touch the camera required.

3. Enter the camera's security code.

> ℹ️ When the default setting are set, the security code is **admin**.

4. Save the settings by touching **OK**.

Your camera is now listed in the overview of cameras available.

> ℹ️ The first time you attempt to select your camera, you will be requested to change the camera's security code for reasons of security. Change the camera's security code in order to prevent unauthorised access to your camera, and thus your privacy, by third parties.

Add Camera

Device Setting

UID:

Scan   Search

Security Code:

Name: Camera

OK   Cancel
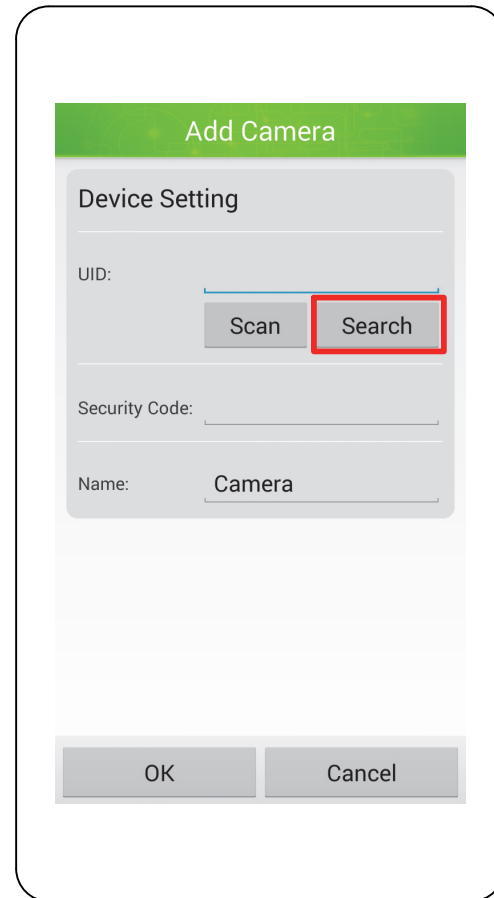
Connecting Manually

You can also connect your camera to the **ProHomeIPC App** manually.

1. Enter the user identifier (**UID**), the name and security code of the camera.

2. Save the settings by touching **OK**.

> ℹ The user identifier (UID), name and security code are on the rear of the camera.

Your camera is now listed in the overview of cameras available.

> ℹ The first time you attempt to select your camera, you will be requested to change the camera's security code for reasons of security. Change the camera's security code in order to prevent unauthorised access to your camera, and thus your privacy, by third parties.

Add Camera

Device Setting

UID:

Scan   Search

Security Code:

Name: Camera

OK   Cancel
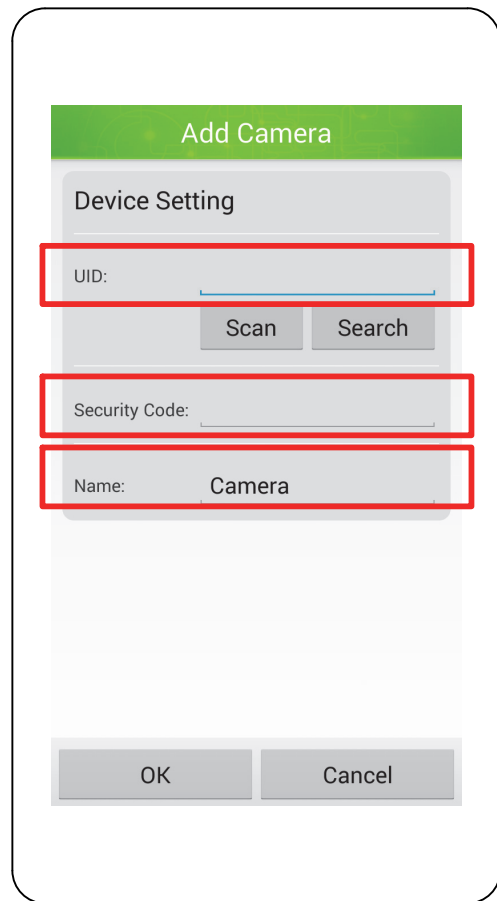
Context Menu of the Camera

You can use the start screen to open the context menu of the connected cameras individually.

1. Touch the arrow to the right of the camera name to open the respective context menu. The context menu is opened.

The context menu contains five options. The individual options are described in the following sections.
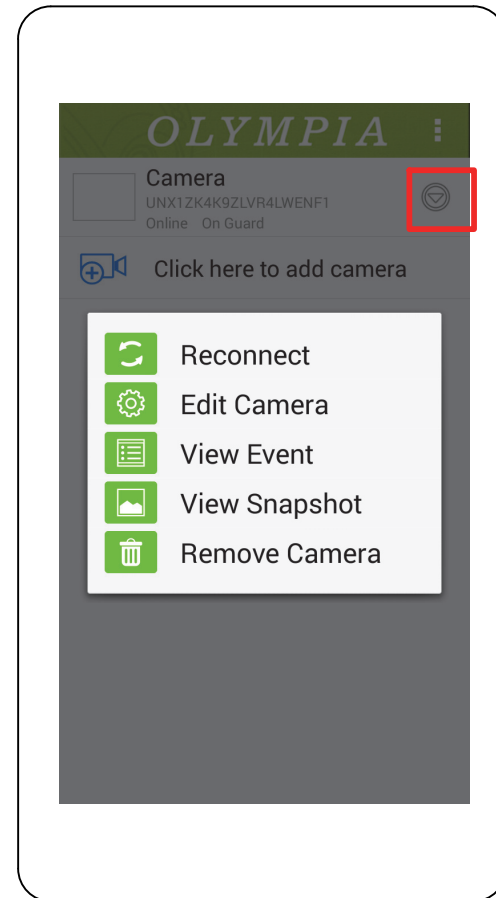
Reconnect
Edit Camera
View Event
View Snapshot
Remove Camera

i The following adjustments to the settings only affect the camera selected. Information on particular, individual features is provided at the respective point.
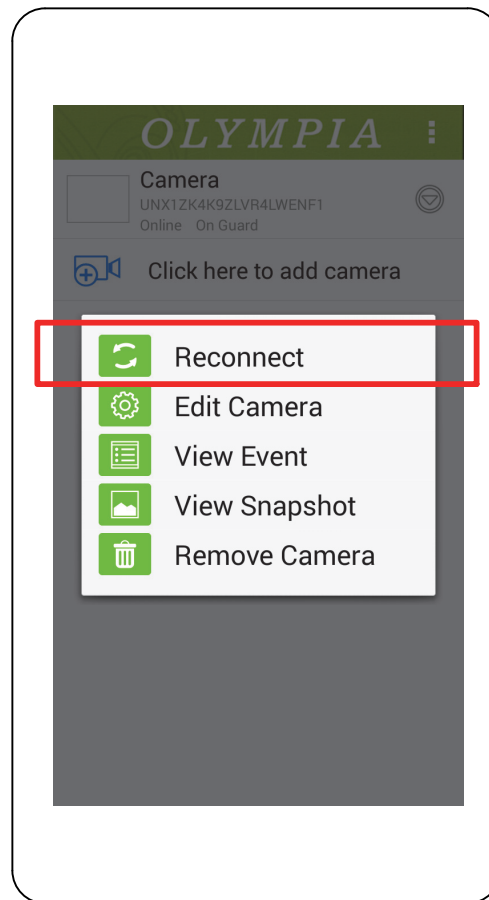
Reconnect

Should problems arise involving the connection, you can connect the camera again using the **ProHomeIPC App**.

1. Touch **Reconnect**. The camera selected is reconnected.

ℹ️ You cannot access the camera while this process is in progress.

View Event

This option enables you to display a list of events which the camera has recorded and saved in chronological order.

1. Touch **View Event**.

> If no event has (yet) been recorded, the **No result found** message appears.

You can define specific periods of time in the chronological list of events in order to limit the events displayed to a certain time range.

2. Touch the **magnifying glass icon** at the top right.

3. Touch the required time period for the events.
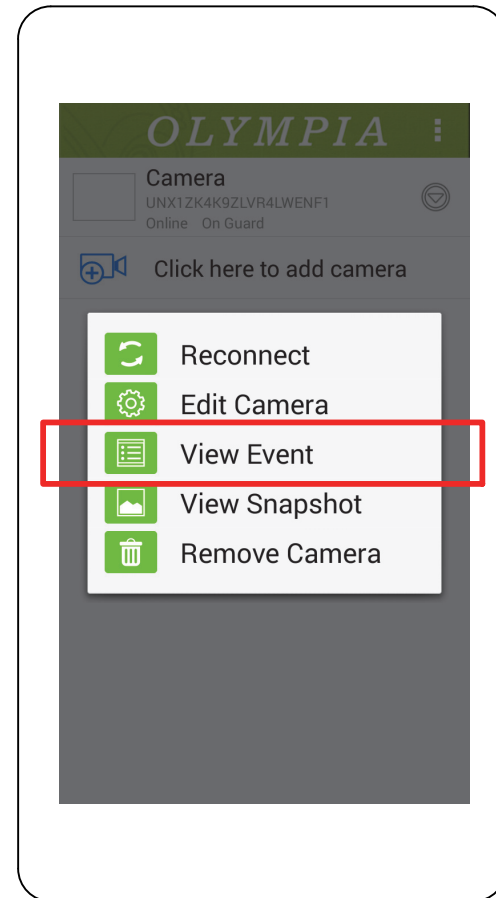
View Snapshot

This option enables you to display a list of snapshots which you have taken with the camera and saved in chronological order.

1. Touch **View Snapshot**. A list of the snapshots available is displayed.
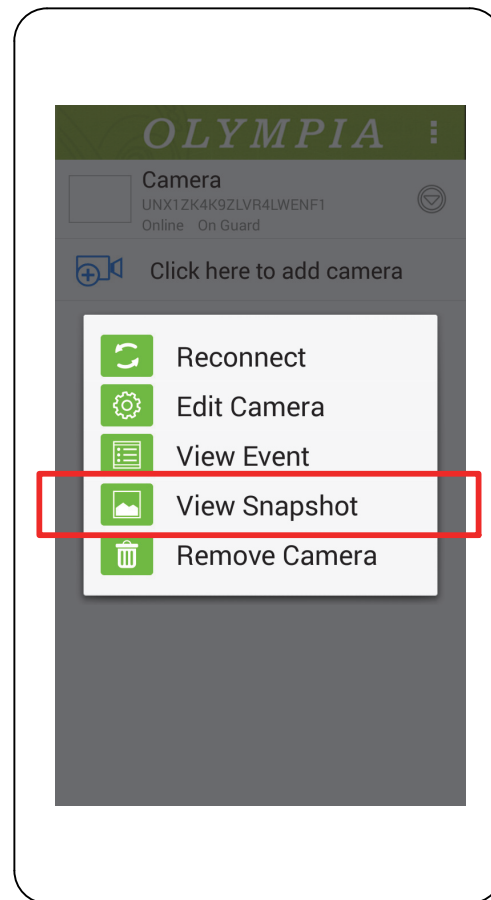
● If no snapshot has (yet) been recorded, the **No**
ℹ **snapshot found** message appears.

2. Touch one of the snapshots. The snapshot selected appears in a full screen display.

You can delete the selected snapshots from the collection saved.

3. Touch the **waste bin** icon.

4. Confirm the prompt by touching **Yes**. The snapshot selected is deleted.

ⒼⒷ

Remove Camera

It is possible to delete individual cameras from the
ProHomeIPC App.
All personally defined settings are stored locally on the
camera. If you want to reconnect cameras deleted from
the list to your smartphone or tablet PC at a later point in
time, the personally defined settings are reactivated.

ℹ️ This does not apply if the settings have been defined
on another smartphone or tablet PC. The modified
settings are activated in such cases.

1. Touch **Remove Camera**.

2. Confirm the prompt by touching **OK**. The camera se-
   lected is deleted.
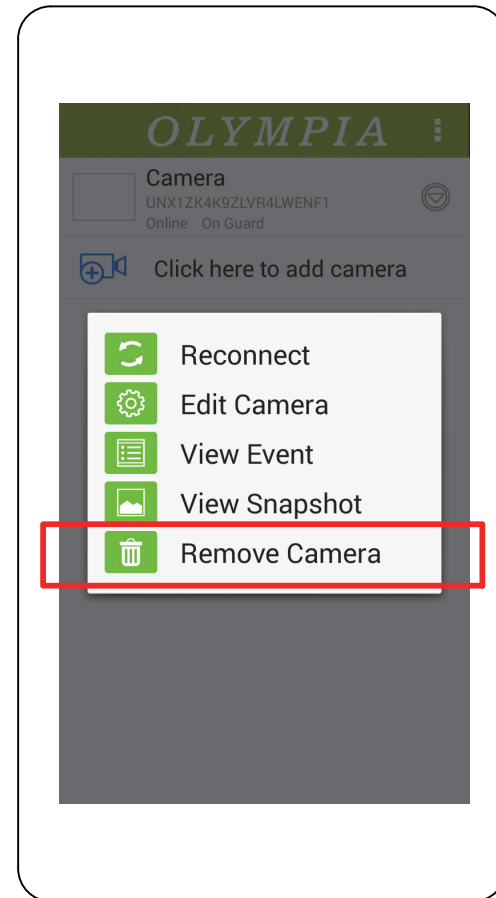
Edit Camera

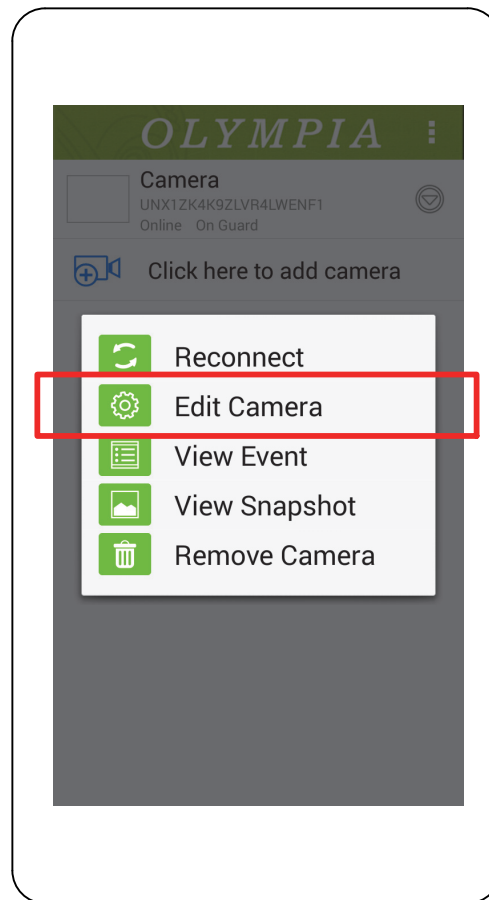Various functions and settings can be defined in the Edit Camera menu to adapt the way the camera responds to your own specific needs.

1. Touch **Edit Camera**.

ⒼⒷ

Edit Camera

You can use this menu to define the various functions and settings which control the way in which the camera behaves.

The **Edit Camera** menu is arranged into four areas.

➡ Device Setting

➡ Advanced Setting

➡ Alarm Setting

➡ Time Setting

ℹ The following settings only affect the respective camera selected. Information on particular, individual features is provided at the respective point.

ℹ Some menus contain entries behind which is a small arrow. If you touch this arrow, a list with various options opens. Touch the required entry to select it.
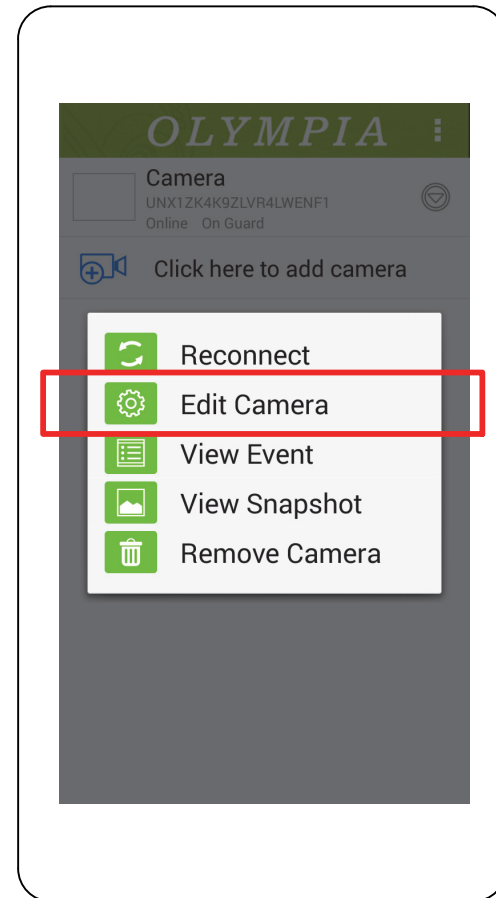
Device Setting

This menu option provides information on

➡ the unambiguous user identifier (**UID**),

➡ the camera's security code and

➡ the name of the camera.

Edit Camera

Device Setting

UID: UNX1ZK4K9ZLVR4LV

Security Code: • • • • • •

Name: Camera

Advanced Setting

Advanced

Alarm Setting

OK   Cancel
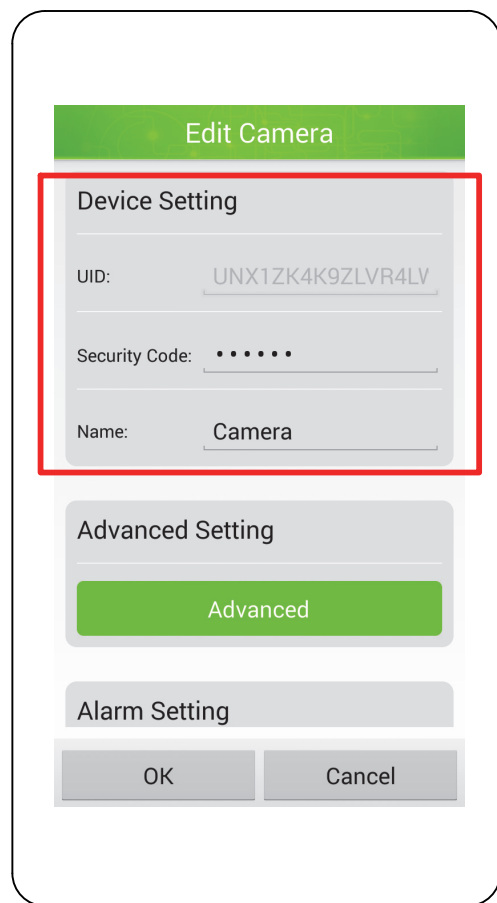
User Identifier (UID)

The camera's user identifier serves to identify the camera unambiguously within the network.

i ● The user identifier cannot be changed.

Security Code

The camera security code protects the camera from access by unauthorised third-parties.

ℹ For reasons of security, we recommend that you change the camera's security code when you put the camera into operation for the first time (refer to **Security Settings**).

For reasons of security, the characters entered are encrypted.

Name

The name of the camera is displayed on the
ProHomeIPC App start screen.
This enables you to simplify the assignment of your camera if you have connected several cameras to the
ProHomeIPC App.

> You should assign each camera an unambiguous
> name, such as **Living room**, **Office** or **Workshop**.

1. Touch the field beside the **Name** option.

2. Change the name of the camera.

3. Save the settings by touching **OK**.
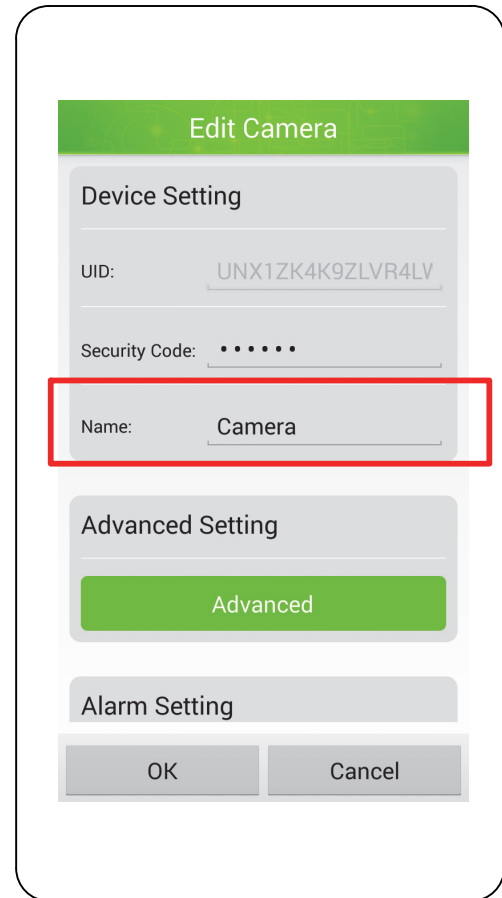
Advanced Setting

This option provides information and functions regarding the following settings.

This option provides various functions and settings with which you can define how the camera behaves according to your own individual requirements.

➡ Security Setting

➡ Wi-Fi Setting

➡ Device Information

1. Touch **Advanced** in the **Advanced Setting** menu.

ⒼⒷ
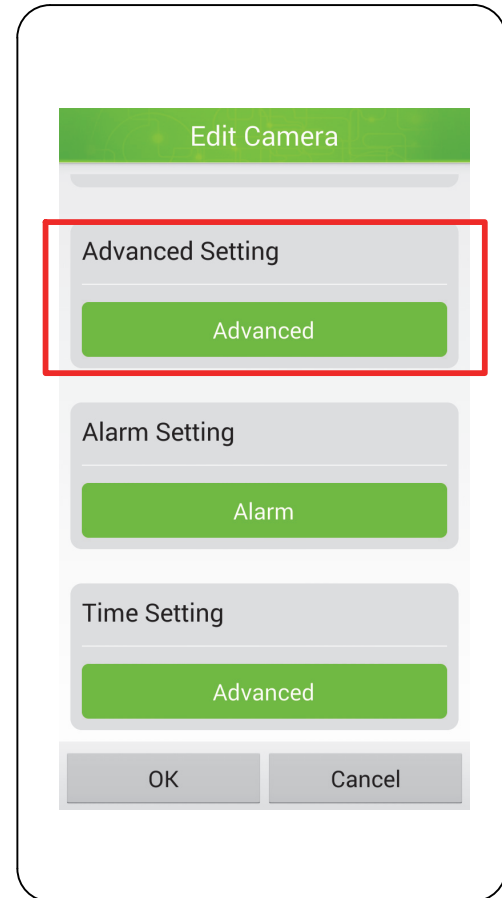
Security Setting

This menu option enables you to change the camera's security code.
The camera security code protects the camera from access by unauthorised third-parties.

ℹ︎ For reasons of security, we recommend that you change the camera security code when you put the camera into operation for the first time.

1. Touch **Modify Security Code** in the **Security Setting** menu.

2. Enter the existing security code.

ℹ︎ When the default settings are set, the security code is **admin**.

3. Enter the new security code.

4. Enter the new security code again.

5. Save the settings by touching **OK**.
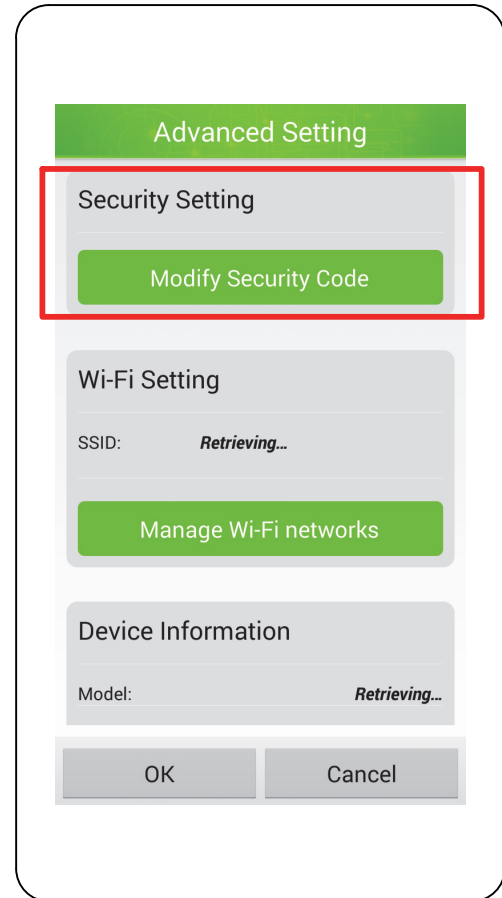
Wi-Fi Setting

This menu enables you to see the wireless network with which your camera is connected.

Proceed as follows to connect your camera to another wireless network:

1. Touch **Manage Wi-Fi networks** in the **Wi-Fi Setting** menu.

2. Touch the arrow on the right to open a list containing all the wireless networks available in the vicinity.

3. Touch the network to which you want to connect your camera.

4. Enter the **WiFi password** of the network selected. For security reasons, the characters of the password appear encrypted.

> **ℹ** If you select the checkbox beside **Show password**, the characters entered are displayed.

5. Save the settings by touching **OK**.

> **ℹ** When you have integrated your camera in a wireless network, you can disconnect the network cable from the network connection port on the camera.

78 Ⓖ🅱
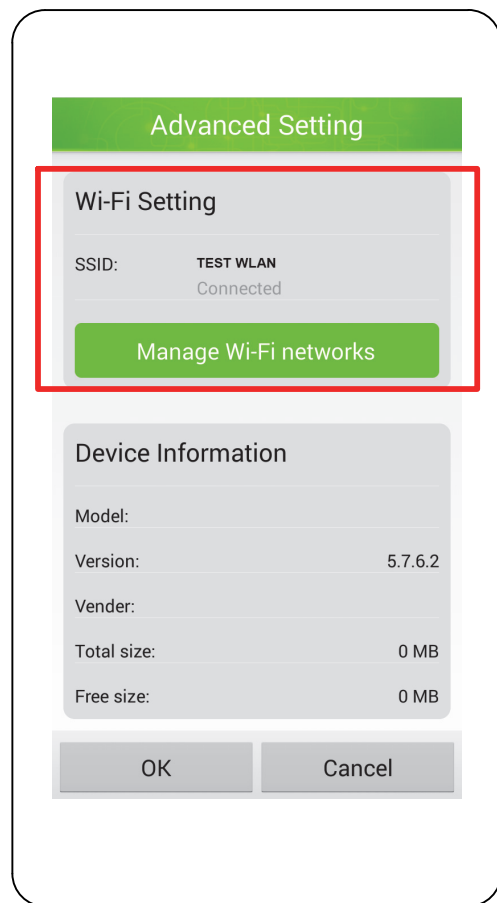
Device Information

This menu option provides information on

➡ the model name of the camera,

➡ the firmware version on the camera,

➡ the camera manufacturer,

➡ the total memory space on the microSD memory card inserted and

➡ the memory space available on the microSD memory card inserted.

ℹ No settings can be changed in this area.

ℹ If you have not inserted a microSD memory card in the camera, 0 MB appears for **Total size** and **Free size**.

Advanced Setting

Wi-Fi Setting

SSID: **TEST WLAN**
                Connected

Manage Wi-Fi networks

Device Information

Model:

Version: 5.7.6.2

Vender:

Total size: 0 MB

Free size: 0 MB

OK   Cancel
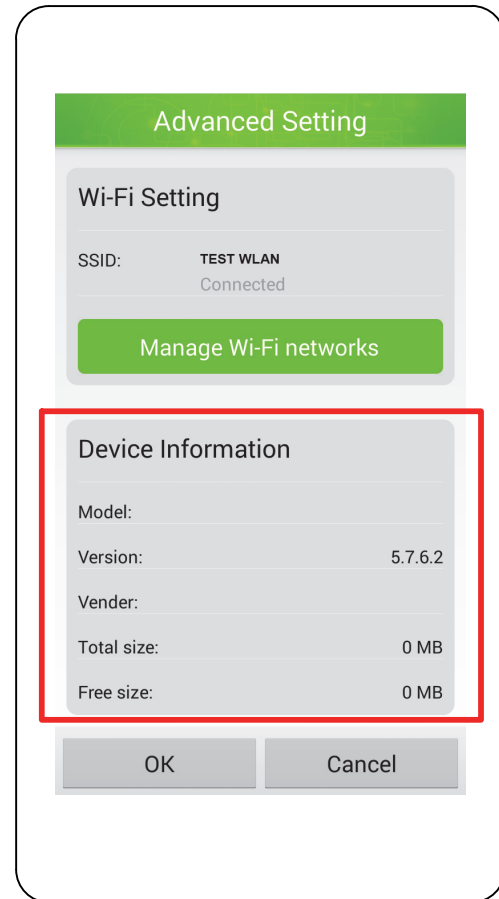
Alarm Setting

This area contains various information and options with which to define the alarm settings of the camera and **ProHomeIPC App**.

ℹ Your smartphone or tablet PC can be setup to issue an acoustic signal on detecting a movement. To do this, activate the Push Notification option in the **ProHomeIPC App** in the settings options provided by the smartphone or tablet PC.

1. Touch **Alarm** in the **Alarm Setting** menu.
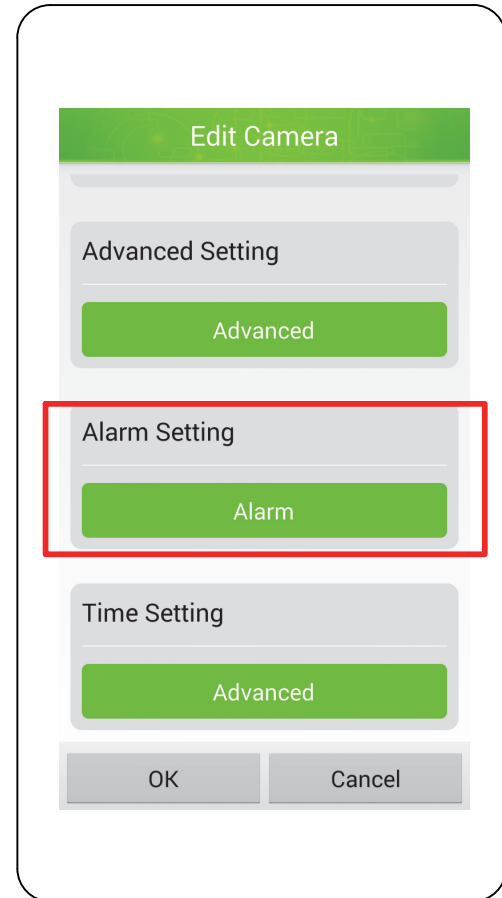
Alarm Switch

This option is used to define whether surveillance by the camera should be activated or not. If the surveillance function is active, a recording is made of the area under surveillance and you are alerted to an alarm situation by an acoustic alarm and Push Notification on your smartphone or tablet PC according to the settings defined.

1. Touch the **Switch icon** beside the **Alarm Switch** option. The **Switch icon** indicates it is **ON**.

2. Save the settings by touching **OK**.

- To avoid false alarms, we recommend deactivating the surveillance function when you are at home yourself or, according to your knowledge, other persons are permanently in the area under surveillance.

Motion Detection

You can select from the list how sensitive the camera should react to movements in the area under surveillance. In the case of a static image, we recommend the **High**, setting, in the case of possibly recurrent movements (such as a pet or clouds), we recommend the **Medium** or **Low** setting in order to prevent false alarms.

1. Touch **Motion Detection** in the list.

2. Touch the setting required.

3. Save the settings by touching **OK**.
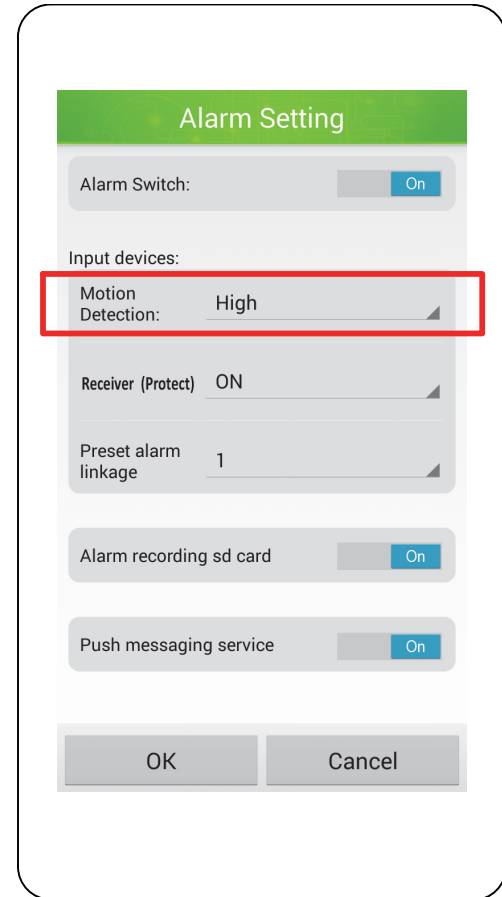
Receiver (Protect)

Use this menu to define whether the receiver is active or not.

ℹ️ A condition for successful activation of this function is that you have connected the receiver to your camera and registered it on your alarm system.

When this function is activated, the camera receives a signal from the alarm system in the event of an alarm. Your camera starts to make a video recording of the area under surveillance and, at the same time, sends a push notification to your smartphone or tablet PC.

1. Touch on **Receiver (Protect)** in the list.

2. Touch the setting required.

3. Save the settings by touching **OK**.
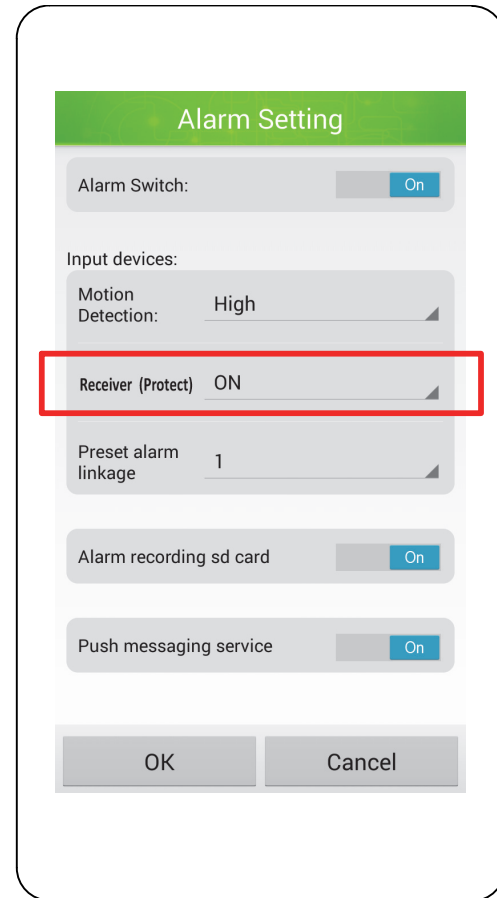
Preset Alarm Linkage

You can use this menu to define which of the image sections saved should be permanently monitored (refer to **Saving Image Sections as Presets**)).

- A condition for the successful use of this function is that the **Alarm Switch** function is active.

1. Save at least one image section in one of the four memory locations available (refer to **Saving Image Sections as Presets**).

2. Touch **Preset alarm linkage** in the list.

3. Touch one of the four memory locations (1 - 4) or the **Current position** setting.

4. Save the settings by touching **OK**.

- The camera moves automatically to the position for the selected image section. This also applies when you move the live image manually to another position and then exit from the menu or **ProHomeIPC App**. The camera then moves back automatically to the position for the selected image section.

Alarm Setting

Alarm Switch:	On

Input devices:

Motion Detection:	High
Receiver (Protect)	ON
Preset alarm linkage	1
Alarm recording sd card	On
Push messaging service	On

| OK | Cancel |
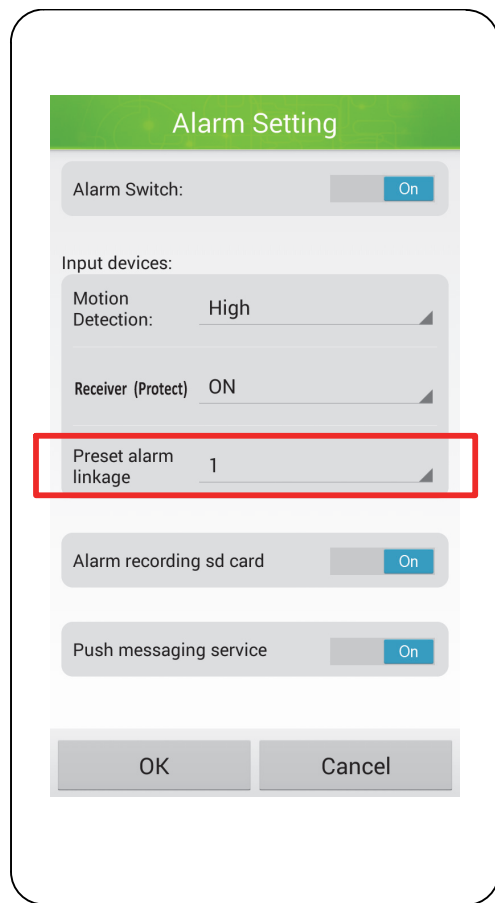
Alarm Recording on the SD Card

You can use this option to define whether the recordings made should be saved on the microSD memory card inserted or not.

ℹ A condition for the successful use of this function is that you have inserted a microSD memory card in your camera (refer to **Inserting a MicroSD Memory Card**).

1. Touch the **Switch icon** beside the **Alarm recording sd card** option. The **Switch icon** indicates it is **ON**.

2. Save the settings by touching **OK**.

If there is no microSD memory card in your camera, recordings cannot be saved. The **List of Events** displays events which have been lost but no video material is saved.

Alarm Setting

Alarm Switch: On

Input devices:

Motion
Detection: High

Receiver (Protect)   ON

Preset alarm
linkage   1

Alarm recording sd card   On

Push messaging service   On

OK   Cancel

Push Notification

You can use this option to define whether the **ProHomeIPC App** push notifications should be sent to your smartphone or tablet PC when the camera detects movements or the alarm system connected is triggered.

i ● A condition for the successful activation of this function is that the transmission of push notifications has been enabled in the system settings on the smartphone or tablet PC. More detailed information is provided in the operating manual supplied with your smartphone or tablet PC.

i ● The push notification also functions when the **ProHomeIPC App** is not running in the background but has been terminated.

1. Touch the **Switch icon** beside the **Push messaging service** option. The **Switch icon** indicates it is **ON**.
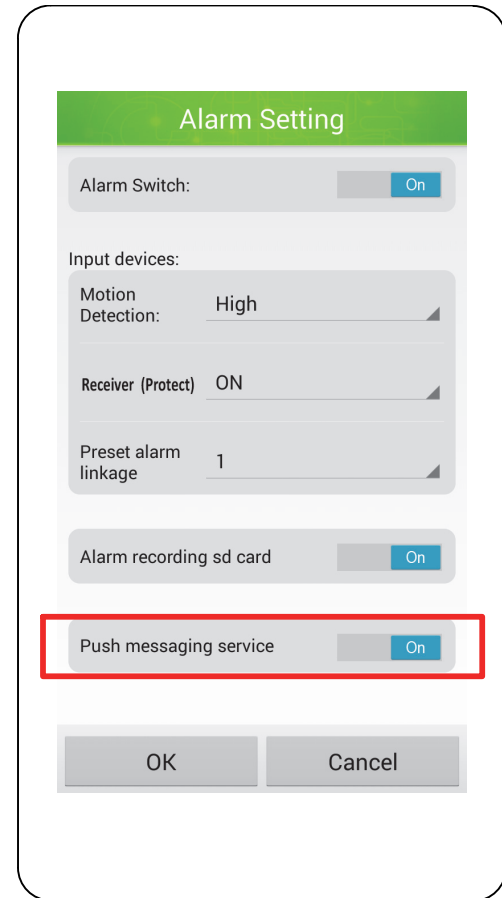
2. Save the settings by touching **OK**.

86 (GB)

Time Setting

This option provides information and functions regarding the time settings used.

1. Touch **Advanced** in the **Time Setting** menu.

2. Define the respective settings as required.

3. Save the settings by touching **OK**.

● ■ When the default settings are active, the time and
   date stamp displayed in the live image reflect the
   time and date provided by the network connected.

Time Setting

Device time	2015/06/15 10:12
Time Zone	(GMT+1:00)Paris;Rom
Daylight Saving Time	Off
Automatic time correction	On
NTP server	time.windows.com
Local timing check	Off

OK   Cancel
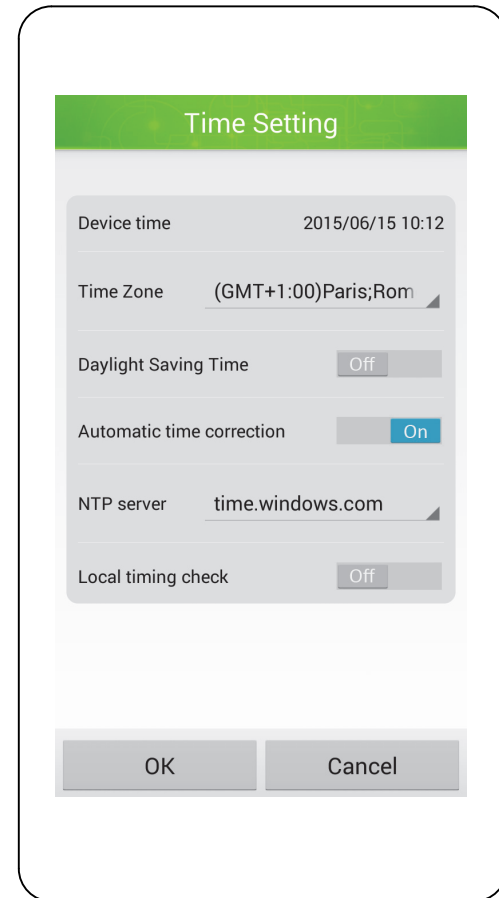
Other Important Information

Guarantee

Dear Customer,

we are pleased that you have chosen this equipment.

In the case of a defect, please return the device together with the receipt and original packing material to the point-of-sale.

Regular Maintenance and Service

Clean the housing surfaces with a soft, fluff-free cloth. Never use any chemicals or scouring agents.

Technical Modifications

This instruction manual serves purely for information purposes. Its content is not part of any contract for sale. All the data relates to nominal values. The equipment and options described may differ from country to country according to national requirements.

Information on Disposal

The adjacent symbol indicates that **old electrical and electronic apparatus** no longer required must be disposed of separate from domestic waste in accordance with legal directives.

Packaging materials must be disposed of according to local regulations.

CE Mark

Olympia Business Systems Vertriebs GmbH, Zum Kraftwerk 1, 45527 Hattingen hereby declares that this device fulfils the basic requirements and other relevant provisions stipulated in the Directive 1999/5/EC. The CE Mark on the devices confirms conformity. The Declaration of Conformity related to this product can be viewed on our website at www.olympia-vertrieb.de.

Technical Data

Property	Value
Lens / Sensor	1/5" CMOS sensor (colour), 4 - 9 mm, optional: 3 x optical zoom (Model 720Z only)
Resolution	Max. 1280 x 720 pixel
Image compression	H.264
Light sensitivity	0.5 lux
Image refresh rate	15 fps (VGA), 30 fps (QVGA)
Night vision	11 IR LEDs, range up to 10 meters
Pivoting range	330° horizontal, 80° vertical
Angle of vision	67°
Motion detection	Yes
Microphone / Loudspeaker	Yes / Yes
MicroSD	Max. 32 GB
LAN	10 Base-T Ethernet / 100 Base-TX Fast Ethernet
WLAN	802.11 b, 802.11 g, 802.11 n
Encryption	WEP, WPA and WPA2
Dimensions	120 x 100 x 100 mm (H x W x D)
Weight	Approx. 290 g (without accessories)
Power supply	Input: 100 - 240 V, 50 - 60 Hz, 0.5 A, Output: 5 W, 2000 mA, 5 V
Permissible ambient conditions	0 - 55° C at 20 - 80 % rel. humidity

Troubleshooting

My camera is not detected within the network.

➡ Check all the cable connections. Observe the information in Section **Connecting the Camera**.

➡ Check the network settings. The **DHCP** function must be activated in the router. Your camera can only be found automatically in the network when the **DHCP** function is switched on.

➡ Reset your camera to its default factory settings. Use a thin object to press in the opening on the rear of the camera for approx. 10 seconds. Ensure that the user identifier and password correspond to the default settings.

➡ Contact our Service department.

My camera is detected within the network but I cannot access it.

➡ Check the entries for the user identifier and password (security code). The default values are provided on the rear of the camera.

➡ Reset your camera to its default factory settings. Use a thin object to press inside the opening on the rear of the camera for approx. 10 seconds. Ensure that the user identifier and password (security code) correspond to the default settings.

➡ Contact our Service department.

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My camera does not respond at all or only very slowly to input via the ProHomeIPC App.

➡ The connection to your network is slow or faulty. Check all the cable connections. Use a shorter network cable, if necessary. Observe the information in Section **Connecting the Camera**.

➡ The mobile internet connection available is of different quality in different localities. Move to a different location and try again.

➡ The **data volume** is used up within the scope of your mobile phone contract and the speed of the mobile connection has been slowed by your provider. Contact your mobile phone provider.

➡ Reduce the image quality of the image transmission.

➡ Reset your camera to its default factory settings. Use a thin object to press inside the opening on the rear of the camera for approx. 10 seconds. Ensure that the user identifier and password (security code) correspond to the default settings.

➡ Contact our Service department.