ProCamera HD(v2.1)
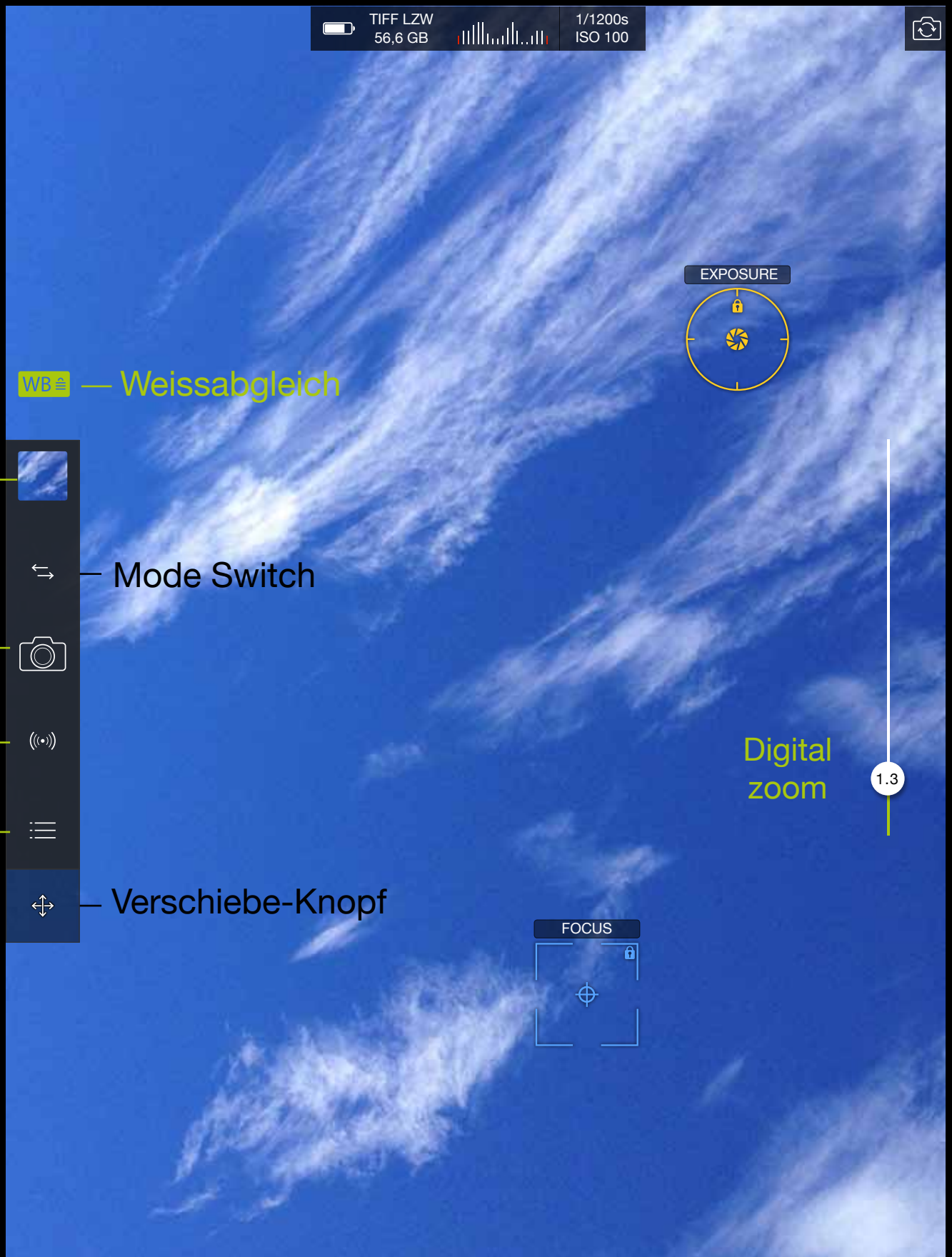
User Manual

Table of Contents

1
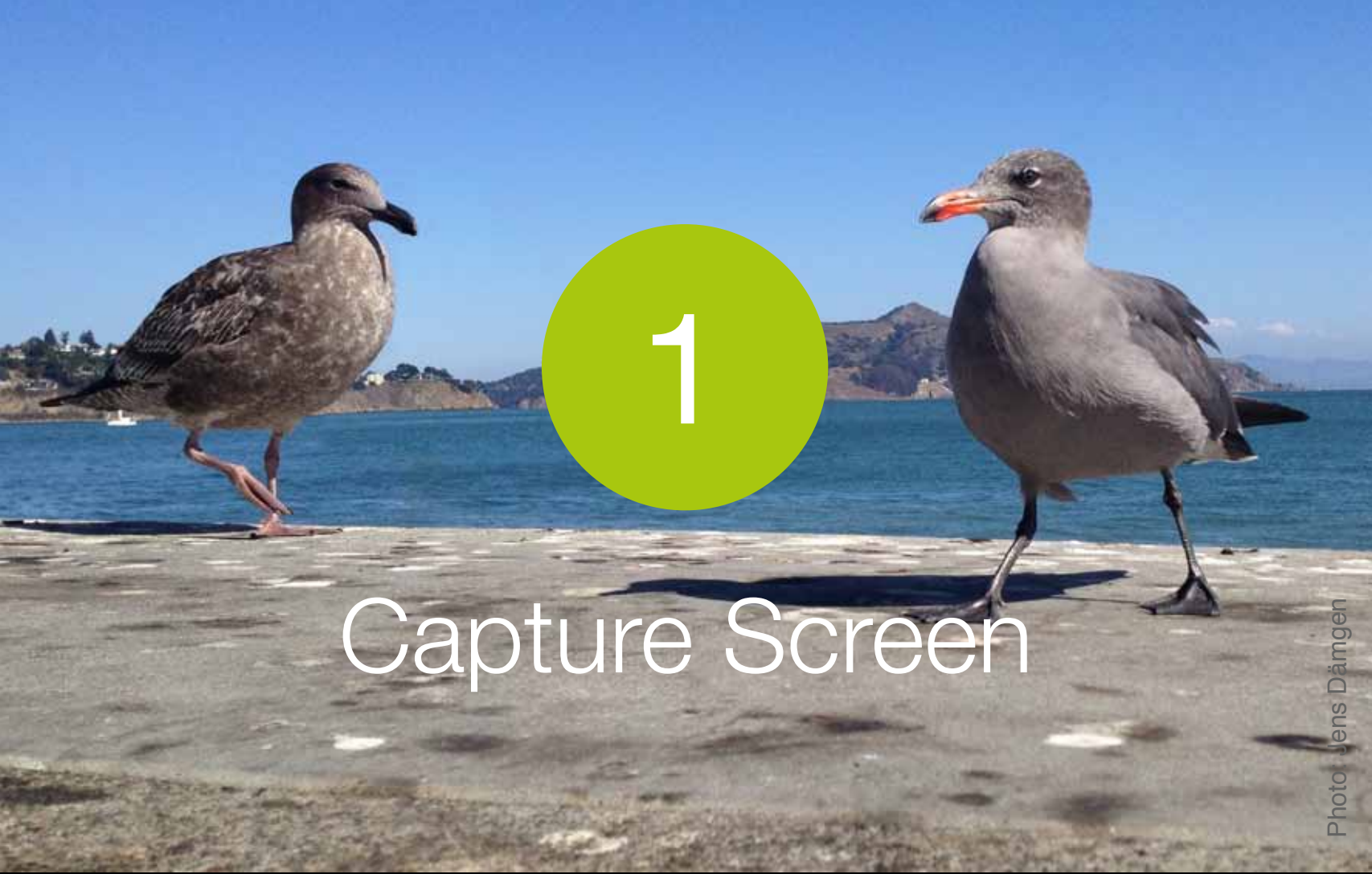
Capture Screen

This section outlines the main shooting functions on the ProCamera capture screen

Front/Back Camera

Information panel

TIFF LZW
56,6 GB

1/1200s
ISO 100

EXPOSURE

Weissabgleich

Lightbox

Mode Switch

Main Shutter
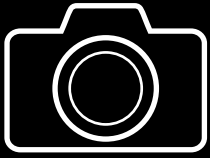
Second Shutter

Control Panel

Verschiebe-Knopf

Digital zoom

1.3

FOCUS

Press the **Main Shutter** to take a photo. The screen will flash black to indicate a photo has been taken. The shutter touch area is larger than the icon, shown by a white circle that appears when the shutter is pressed.
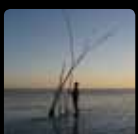
The **Second Shutter** can be set as either an Anti-Shake or Self-Timer through the Control Panel.

The **Camera Switch** function allows you to select different cameras including Photo, Video and Night.

The **Control Panel** provides one-tap access to a range of advanced shooting controls.

The **Lightbox/Camera Roll** provides one-click access to the Camera Roll or Lightbox.

The **Front/Rear Camera Switch** is available on devices equipped with a front camera.

1.7

The 6x **Full-Resolution Zoom** can be controlled in two ways:

1. Slide your finger over the semi-transparent zoom slider to adjust the level of magnification. The slider fades into the background when the zoom factor is 1x (to limit distractions when shooting).

2. Use the pinch gesture (two fingers) to zoom in and out (the zoom slider will appear).

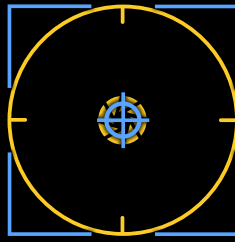This function can be turned on and off under the Photo Zoom option in the ProCamera Settings.

Tip

ProCamera's Anti-Shake mode is recommended at higher zoom levels (3x or more). Even slight movements of your iPhone can result in motion blur while zooming.
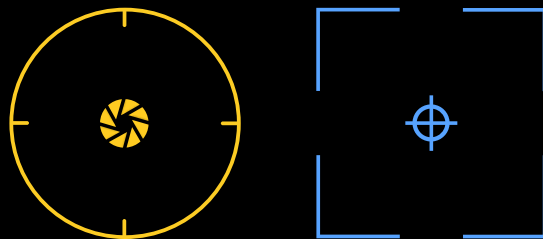
2

Focus and Exposure

This section outlines the different ways to control focus and exposure in ProCamera

Combined Focus and Exposure

A single tap anywhere on the capture screen activates the combined Focus/Exposure point. This mode is great for quick and easy adjustments when shooting.

Separate Focus and Exposure Points

They can be split by dragging one from the other. Use these points to set the focus and exposure independently anywhere on the screen. A long press anywhere on the screen resets the points to the centre.
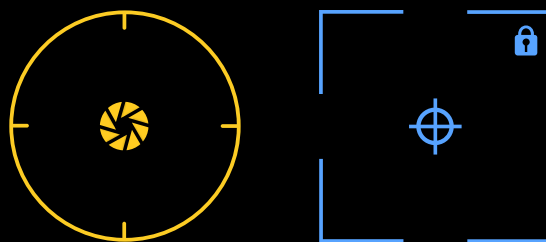
Lock and Unlock

A long press locks (shown with the small lock symbol) and unlocks either the Focus Square and Exposure Circle. The F/E Lock in the Control Panel locks both points on release.

3

Control Panel

This section explains the different controls and functions in the ProCamera Control Panel

The **Control Panel** is designed to provide one-tap access to a range of advanced shooting controls.

Tip

Try tapping on all the functions and see what changes on the capture screen (for example the gridlines and aspect ratio)

Rapid Fire

F/E Lock

Grids

Tiltmeter

WB
White balance

Histogram

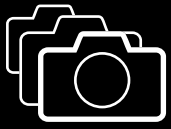TIME ISO
Live data

16:9
Aspect ratio

Settings

Anti-shake

Self-timer

Rapid Fire

Rapid fire mode allows you to shoot continuous, full-resolution shots in quick succession.

F/E Lock

The **F/E Lock** sets the Exposure and Focus Points to lock on touch release (flashes briefly). Once locked, you can recompose your scene without changing the exposure level or focus distance.
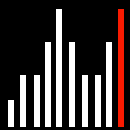
Grids

Toggles between three **Grid** views (Small Grid, Rule of Thirds Grid and Golden Ratio) to assist with photo composition.

Tiltmeter

Turns on a virtual horizon 3D **Tiltmeter** to help straighten photos.

Histogram

Turns on the Live **Histogram** which shows overall light levels and over (right) and under (left) red bar exposure warnings. The taller the bar, the more of the image is over or under exposed.

White balance

The **White Balance (WB)** Lock sets a specific color temperature to better compensate for ambient light. When enabled a separate icon appears on the capture screen to turn the WB lock on/off.

Live data

Turns on the **Live Data** (ISO and shutter speed) readings.

16:9

Aspect Ratio

Toggles between six **Aspect Ratios**: Standard (4:3), 35mm film (3:2), Widescreen (16:9), Square (1:1), Letterbox (3:1) and Golden Mean. A long press displays all modes.

Anti-shake

Selecting **Anti-Shake** assigns it to the Second Shutter button (right of the Main Shutter). Anti-Shake will delay the shutter release until the iPhone is held steady, resulting in clearer and sharper photos. Movement detection is displayed onscreen by the small icon above the Main Shutter Button.

Self-timer

Selecting **Self-Timer** in the Control Panel assigns it to the Second Shutter button (right of the Main Shutter). Pressing the Second Shutter activates the count-down, three beeps will signal the last seconds before the photo is taken. The timer duration can be adjusted within ProCamera's Settings.

Settings

The **Settings** mode opens up the advanced ProCamera settings. The Photo options are explained below.

Anti-Shake Slider controls the sensitivity of the Anti-Shake button.

Controls the **Self-Timer** length from 0.5 seconds to 20 seconds. You can use the lowest setting (0.5s) as another shake-preventing capture method.

Formats

You can save photos in three **file formats**:
TIFF: Highest quality and largest file size.
TIFF LZW: TIFF format with lossless compression and smaller file size. Compression requires longer save times (up to 1 second per photo).
JPEG: The standard file format for Apple devices. JPEG compression results in lower photo quality and smaller file size. You can set the amount of JPEG compression in ProCamera from 70% (lowest quality) to 100% (highest quality). The higher the % the larger the file size and better photo quality.

File formats apply to photos captured and edited in ProCamera. Photo sizes and formats can change when uploading to social media. Please check with the respective social media providers for file and compression rates.
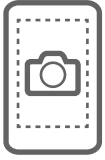
Turn on **Fullscreen Trigger** to tap anywhere on the viewfinder to instantly take a photo. The shutter will not fire if you press directly on either the focus or exposure points. Perform a long-press to set focus and exposure to the point of interest.

Turns the **Photo Zoom** on/off.

Turn on **Auto Save** to automatically save photos to your Camera Roll or Lightbox. Turn off Auto Save to see a preview after an image is taken where you can choose to save or discard the image.

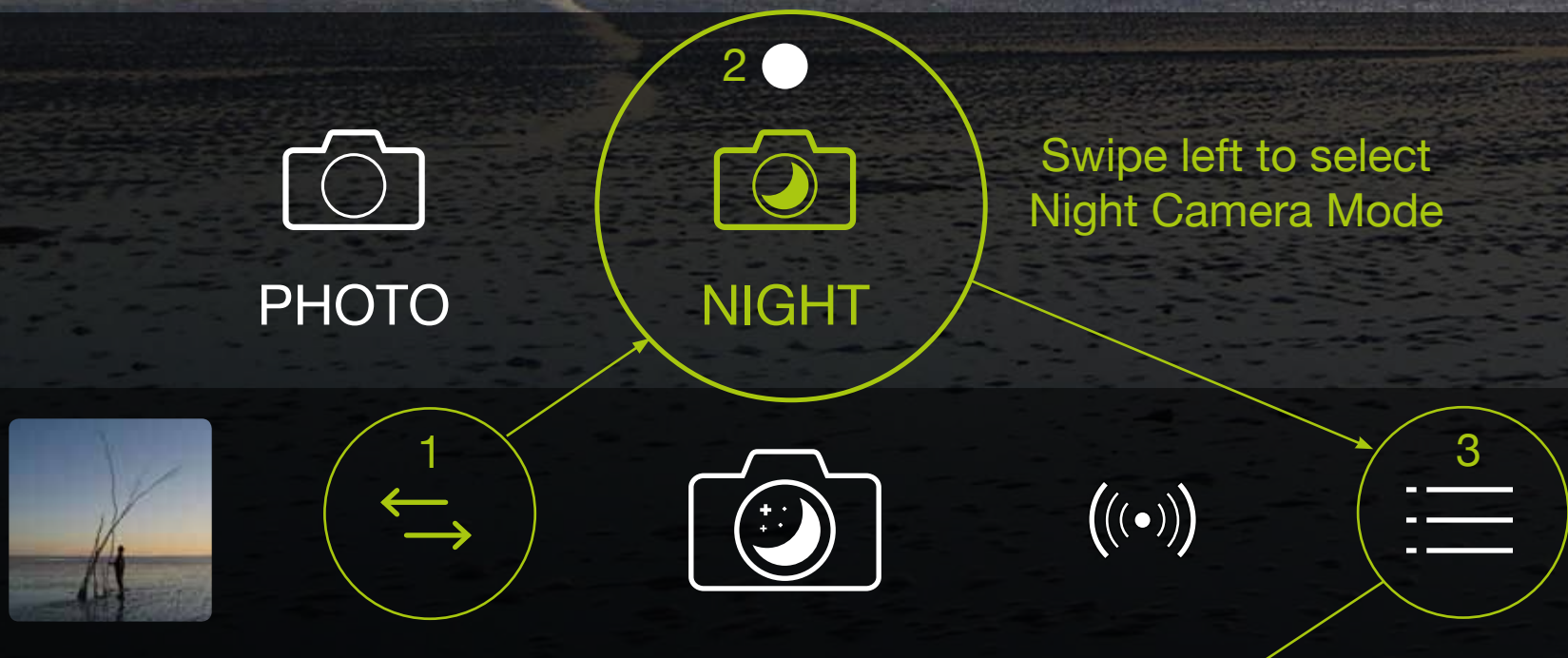The **Datestamp** adds the date and time to the bottom of the saved photo.

4

Night Camera

This section shows you how to turn on and use the Night Camera mode in ProCamera - which lets you take better photos in low light

How to Switch to Night Camera Mode

PHOTO

2 ●

NIGHT

Swipe left to select
Night Camera Mode

1

3

Select Mode Switch

Open Control Panel to
select shutter speed

1/8s   1/4s   1/2s

There are four shutter
speed options in the
**Night Camera Control
Panel**.

Rapid Fire   F/E Lock   Grids   Tiltmeter

WB   Histogram   TIME ISO   16:9
White balance   Histogram   Live data   Aspect ratio

Each option sets the
minimum shutter speed
used by ProCamera. It
needs to be dark enough
for ProCamera to drop to
the lowest speed.

Settings   Anti-shake   Self-timer

Tip

It is recommend-
ed that the 1/2 sec
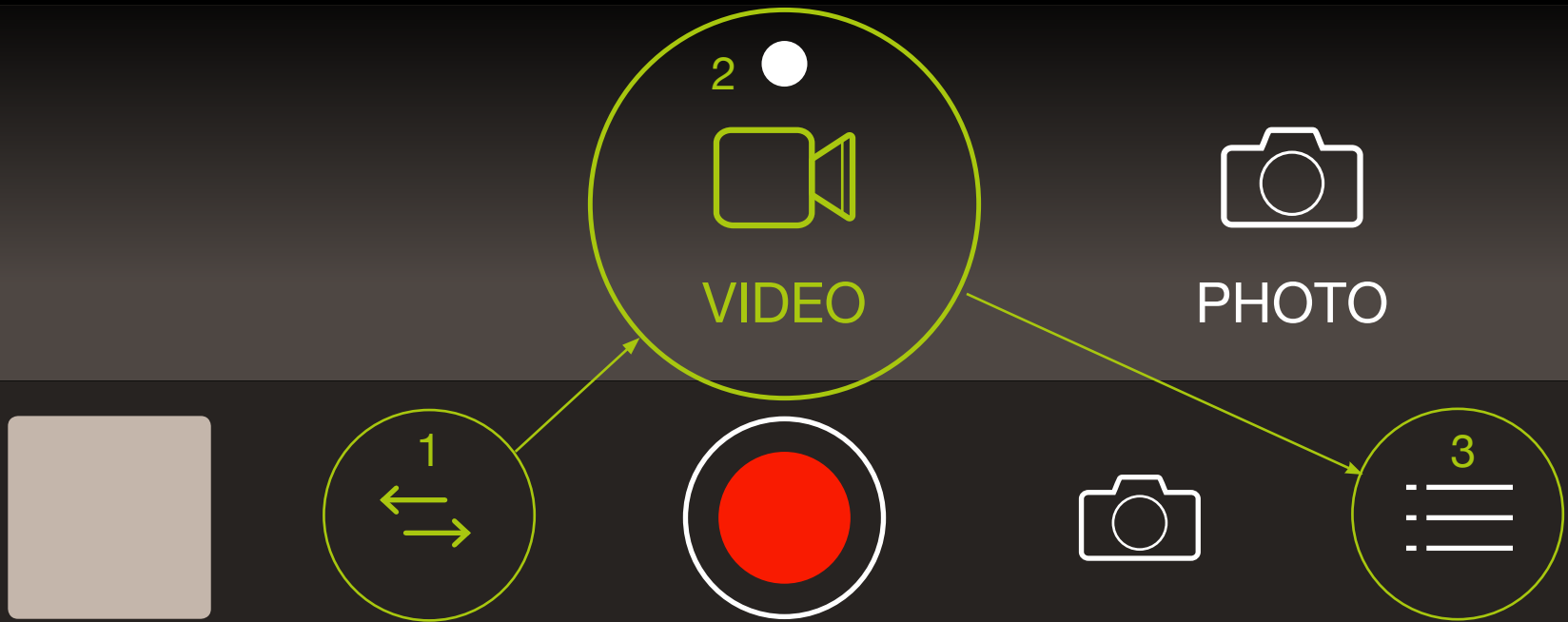speeds are used with
a tripod to limit cam-
era shake.

5

Video

This section shows you how to
turn on and use the Video mode in
ProCamera including the Control
Panel and advanced Video Settings

How to Switch to Video Camera Mode

2

VIDEO   **PHOTO**

1

Select Mode Switch

3

**Set Framerate and
Advanced Settings
in the Control Panel**

The Flash/Torch, White Balance, Front/Back Camera,
Main Shutter Button , Light Box and Focus and Exposure
controls operate the same way as in the Photo and Night Mode.

The **Secondary Shutter** button enables you
to capture photo stills while recording video.
Photos are saved at native video resolution
(e.g. 1920 x 1080 pixels).

HDmax

Resolution

The **Video Control Panel** contains dedicated options for better recording. They are outlined below

Resolution sets the quality of your recording. You can switch between different resolutions depending on your needs.
There are four options available:

A) HD Max (1280 x 720 + maximum framerate available on your device)

B) HD+ 1920x1080 + selected frame rate

C) HD 1280x720

D) HQ 640x480

30fps

Framerate

Framerate sets the number of frames captured per second when recording.

Note

ProCamera can playback high frame rate footage in slow motion.

Settings

The advanced **Video Settings** are explained below

Video Focus Mode: Turn on Continuous Focus to automatically adjust focus while recording video. Turn off Continuous Focus to manually adjust and lock focus when recording.

Turn on for automatic **Video Stabilization.**

Allows you to turn off the **Video Zoom** control on both the front and back cameras (if available).

6

Lightbox

This section shows you how to turn on and use the dedicated ProCamera Lightbox which lets you save and delete photos from within the app

Use Lightbox

The ProCamera Lightbox can be found in the Settings as the first topic. (Settings are accessed from the Control Panel). When activated (highlighted with green color), ProCamera saves photos and videos to a dedicated "Lightbox" album in the app.

(!) CAUTION. Please ensure that you export any Lightbox photos to the Camera Roll before you delete ProCamera. Otherwise they will be deleted along with the app.

Album and Lightbox Functions are listed below

< Albums

Provides access to your Photo Library, including Camera Roll, saved albums and Lightbox. The Lightbox is always located second on the **Albums** list.

In thumbnail view the **Multi-Select** tool allows you to select multiple photos and videos to share, export or delete.

The **Select All** icon appears if the Multi-Select tool is turned on. This tool selects all photos and videos in the Lightbox. Perfect for mass saving or deleting of photos. Select All is only available if the Lightbox is turned on in the Settings.

Camera returns to Photo/Video capture mode.

The following **gestures** can be used to navigate within the Lightbox:

A) Double-Tap to zoom in or out on a photo (single image view)

B) Two-finger Pinch to zoom in or out on a photo (single image view)

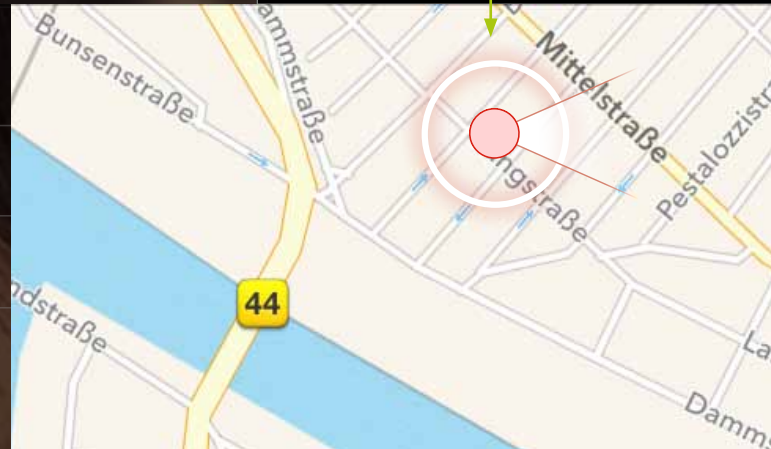C) Rotate your iDevice to view the Lightbox and single photo in both landscape and portrait orientation.

ⓘ Photo Info (Exif & Map View)

ProCamera stores all Exif data for your photos (e.g. date, time, location, exposure, aperture and ISO values). You can see all the photo data by tapping the Info button. For photos containing compass heading data and GPS (global positioning satellite) data, ProCamera displays the compass direction the camera is facing.

Switch Photo info on and off

The red dot indicates the photo's location and compass direction

‹ Lightbox   ⓘ   📷

1936 x 2592 (5.0 MP)   1,5 MB JPEG

Jun 27, 2013   13:51:54

f/2.8   1/15s   ISO 200   4 mm

📍 Mannheim   ➤ East

Swipe above bar: Switch between Exif and map view

Swipe below bar: Scroll through your photos

Double Tap: Fullscreen map view. Satellite view is also available in fullscreen mode.

In **Fullscreen map view** you can tap the red dot to show the photo's location in your device's Maps app.

back   Map   Satellite

7

Editing

This section shows you how to use
the editing options in ProCamera
including the ProFX filters,
ProLab image adjustments,
MagicTools
and ProCut crop tools

The Editing Suite can be accessed by selecting "Edit" in single image view. There are four editing studios available.

The **ProFX Studio** has over 44 free filters and effects. Swipe through to see the dynamic filter on your image. Swiping up/down on the image adjusts the intensity of the filter.
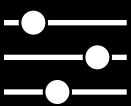
The **ProLab Studio** has image tools to adjust brightness, contrast, exposure, color saturation, color temperature, curves, vignette, sharpen, shadows and highlights.
Swiping up/down on the photo controls the amount of adjustment applied. Tapping once on the photo resets the adjustment.

Use the **Magic Tools** to make the colors shine in your photos, to emulate classic analog films, or to create stunning artistic effect. Be creative and develop your personal look.

The **Pro Cut Studio** lets you crop, straighten and rotate your image. To crop, move the corners on the crop rectangle. A double-tap resets the crop. The **Rotate** slider moves the image in 1° increments. **Aspect Ratio** lets you select one of five presets (1:1, 3:2, 4:3, 16:9, Φ:1). A second tap switches the aspect ratio preview from portrait to landscape mode. **Flip** rotates your photo 90° (left or right) or flips the photo (horizontally and vertically).

8

Share

This section shows you how you can share your photos through ProCamera
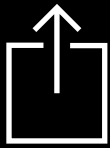
The Share button is located in the bottom-left corner of the Lightbox/Camera Roll. ProCamera can share to the following services:

Message **Mail**

Inserts your photo directly into an email or text. You can attach up to five photos at one time into emails. Even videos saved in your Lightbox can be sent this way. Videos saved in your Camera Roll will be compressed when shared via Mail or Message.
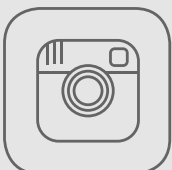
Twitter **Facebook**

Share to one or more social networks, including Facebook, Flickr and Twitter.

Vimeo

Share videos to Vimeo.

Instagram

Our dedicated SquarePrepare function lets you upload non-square photos into Instagram. It also lets you snap to edges and resize within the frame.

Dropbox

You can share single and multiple images and videos to Dropbox, allowing you to backup your photos to the cloud.
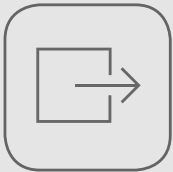
EyeEm

Share your photos to EyeEm.

Airprint

Print your photos wirelessly with compatible AirPrint printers and retail services.

Open In

Use Open in to transfer your photos to other apps for further editing or sharing. Photos will be transferred in the file format they are saved.

9

General Options

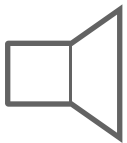This section explains the General Options section of the Settings

The **General Options** are listed below.

Geo-tagging: Turn on/off the ability to automatically save GPS photo data.

System Sounds: Turn on/off the ProCamera sounds.

Copyright (EXIF): Enter text to embed Copyright information in photo and video metadata (EXIF).