

Smartphone Photography

Chris Hawkins

www.cjhawkinsphoto.com

Instagram @atthefooty + @cjhawkinsphoto

Tonight

Why?

Some reasons why
you might want to
use your
smartphone a little
more

All images
my own*

Using

Tips for using your
phone

Using

Street
photography

Using

Editing on-the-go

Travel

How I shoot + tips

Apps

Some I use

All images

iPhone 8 or 11*

Why Smartphone Photography?



- Shoot in places you wouldn't take your DSLR.
- Easier to get creative once you know a few techniques and apps.
- Easy to share your images on social media.
- Easier to engage with your portrait subject.
- Computational photography: on-board processing for night mode, HDR etc.

Why iPhone?

- It's where I started and I'm trapped!
- Google & Samsung just as good.

However....

Just as there are iPhone models that are not so great for photography, this must be the same elsewhere.



It's not serious photography, is it?



1. Helps you get creative

- Always with you.
- Capture authentic moments.
- Serious photography is not about gear, its about having an eye and capturing the right moment.
- Beats DSLRs.

It's not serious photography, is it?



2. Powerful Tech

- My phone has **powerful shooting and editing tools** built right in.
- Features like **night mode, portrait depth mapping, and RAW capture** mean you can achieve pro-level results without a DSLR.
- My DSLR can't do much of what my phone does.

It's not serious photography, is it?



3. Award-Winning Work

- Many **respected photojournalists and artists** now use smartphones for projects.
- Prestigious contests, like the **iPhone Photography Awards**, show that compelling, meaningful, and technically excellent images can come from a phone.
- Local awards too.

It's not serious photography, is it?



4. Storytelling is King

- Photography is about telling a story.
- Smartphones are now central to storytelling.
- e.g. citizen journalism, pro journalism, personal photo essays. If the story hits, the tool doesn't matter.

It's not serious photography, is it?

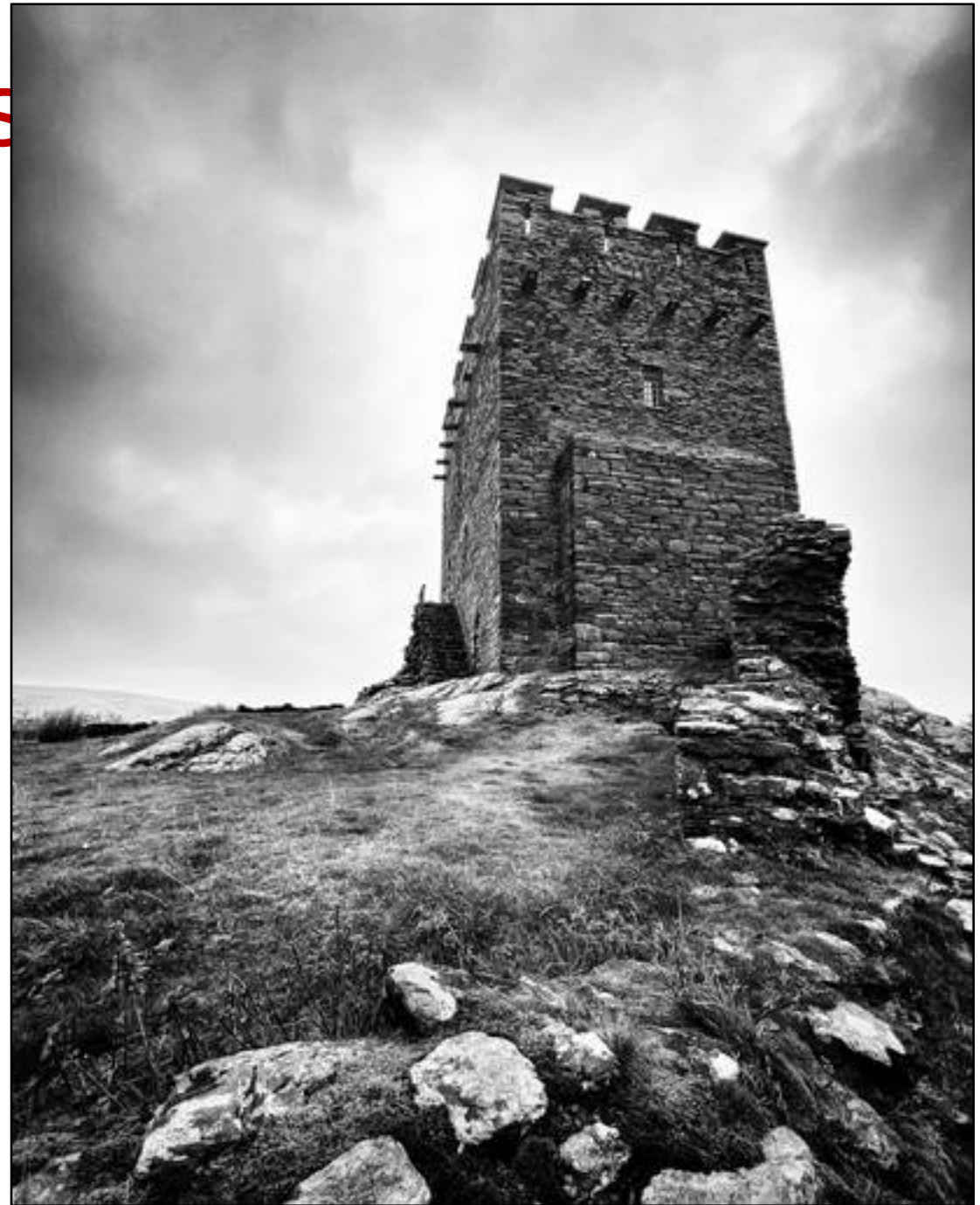


However...

- I still love shooting with my Sony A7R III and use it regularly.
- I prefer to edit with a nice big screen + LR Classsic.
- I may want to crop heavily in post.
- Looking forward to seeing what the 48MP iPhone photos offer here.

The quality of image is inferior.

- Depends on what you're comparing it with.
- The new iPhone 16 Pro/ProMax have 48MP and a lot of computational photography on board.
- Apple's ProRAW has been a feature of the Pro models for years.
- RAW was even possible back to iPhone 6, but apps required e.g. LR, Halide.



The quality of image is inferior.

- Well-exposed smartphone images can be superb.
- Easily good enough for A3 prints and beyond.
- 48MP is more than you actually need...

However...

I have learned to love gritty!



The quality of image is inferior.

How you set up your iPhone matters
e.g. you can't shoot raw (ProRAW)
until you've enabled it in the camera
settings.

Settings for iPhone 16 Camera:

Quick (both around 6 mins)

<https://www.youtube.com/watch?v=kS42WyFDXac>

<https://www.youtube.com/watch?v=eR5Y434teiw>

I will touch on a few key settings later.



It's too hard getting phone pics onto my desktop computer.

Within the Apple environment, not so. There's Airdrop and/or LR Mobile



From here

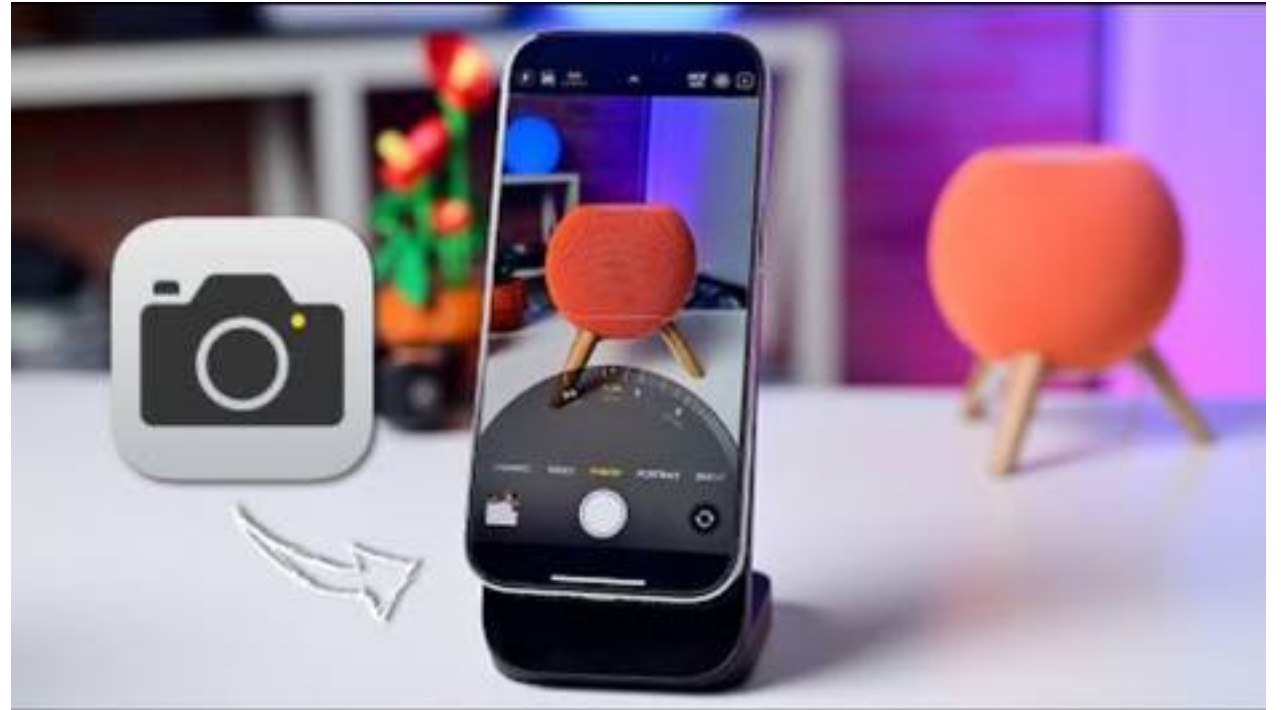
I am not going into
every detail in the
topics I've prepared for

you.
There are many
YouTube videos
embedded in this
PowerPoint. You can
investigate them later.

Using Your Smartphone

The iPhone's native camera app is all you need, for flexibility with;

- Exposure control
- Depth of field control
- Night mode
- Macro mode
- Live view
- On-board post-processing ("computational photography")



All about the native camera app on iPhone

Using Your Phone

Here are a few tips

Lock the focus.



You may have noticed the exposure slider next to the yellow focus square...

Using Your Phone



**How to set exposure, focus
and colour temperature on an
iPhone camera**

Using Your Phone



Opening the camera fast

3 clicks, can be reduced to 2 in camera settings

Double-tap on the back might suit you better.

Using Your Phone

Beware!

It has too
many other
functions.

Zoom,
exposure
control, fast
access to
video

Possible errors
with exposure,
mis-setting of
zoom.



Using Your Phone

Control
depth of
field **AFTER**
exposing.

Using Your Phone

Control
depth of
field **AFTER**
exposing.



Using Your Phone

Astrophotography!



This guy compares Sony, Fuji and iPhone 16. I want to show you a 90s excerpt:



Here's a link to this whole video: <https://www.youtube.com/watch?v=0utn09KOF04>

Using Your Phone

Take photos
WHILE you
are shooting
video.



Using Your Phone

Quickly take
video when
you are
taking
photos.



Using Your Phone

Burst mode.



Burst mode captures 10 photos per second.

- Fantastic way to ensure **that** moment is captured
- Enables multiple images to be saved
- Easy to do (no going into camera settings)
- Easy to edit on phone
- Reduces camera shake
- Allows for panning moving subjects



Burst Mode

In-depth tutorial

<https://www.mobiography.net/tutorials/iphone-burst-mode/>



Using Your Phone

No-look photos, including burst.



One click =
one photo

Click& hold =
burst mode

Tricky for left-handers!

Perfect for unobtrusive shooting.

Which brings me to street photography...

No-look photos became a fun part of my developing interest in street scenes.

Sony A7r III with 70-300mm lens too.



→ Two ways of taking truly candid shots

You have to be ready.

And prepared for disappointment .

“Connected

--

One of these was
taken with my
Sony...



“Connected
”

“Connected

--

One of these was
taken with my
Sony...



“Connected
”

“Disconnected”

Can you spot one DSLR image?



“Disconnected”

Can you spot one DSLR image?

“Disconnected”

Can you spot one DSLR image?



“Dog Owners”

Can you spot the

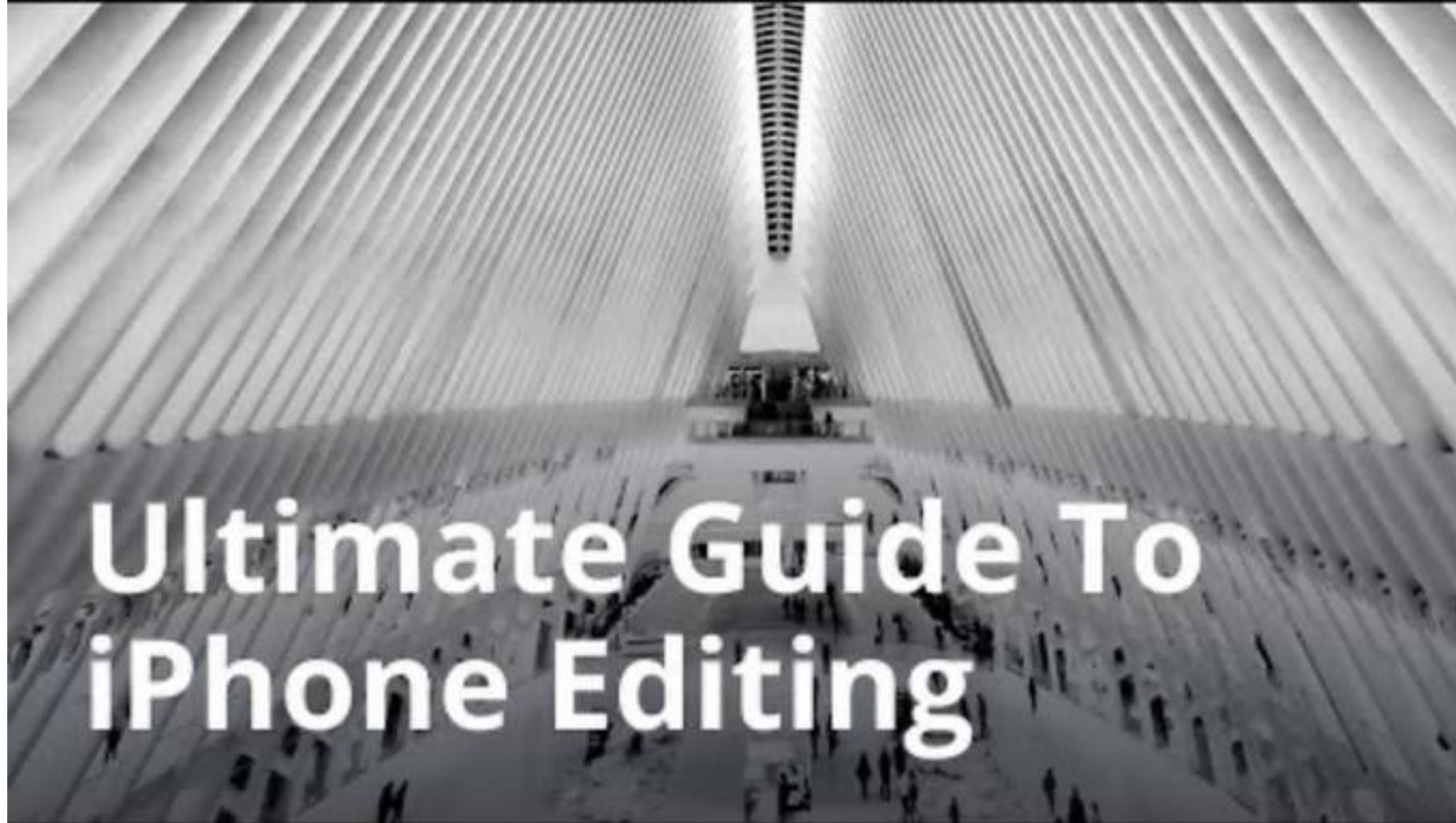


“Dog Owners”

Can you spot the DSLR image?



Editing On Your



Ultimate Guide To iPhone Editing

We will watch 60s.
This takes you through an edit on the phone and also how to set your phone up for the best editing environment.

Editing On Your iPhone

Here are a few
tips I just
learned

Object
removal
with AI



Copy and paste edits



Editing On Your iPhone

Isolate the
subject



Apps

Snapseed



Android and iPhone
Free!

Ultimate guide:

<https://www.youtube.com/watch?v=UzZ1zEdSSdC>

Travel Photography

You simply do not need to take all your gear with you.

You're carrying it anyway ,

Great screen.

Silent.

Selfies.

Fast lens.

Simple time-lapse photos.

Extra batteries? Strap? Bag?

Probably auto-backing up your photos.

Freedom to shoot wherever you may be.

Share immediately.

If you're not considering your phone as your #1 camera.....why?

Travel Photography

Some travel shots from 2023 in U.K.

iPhone 11



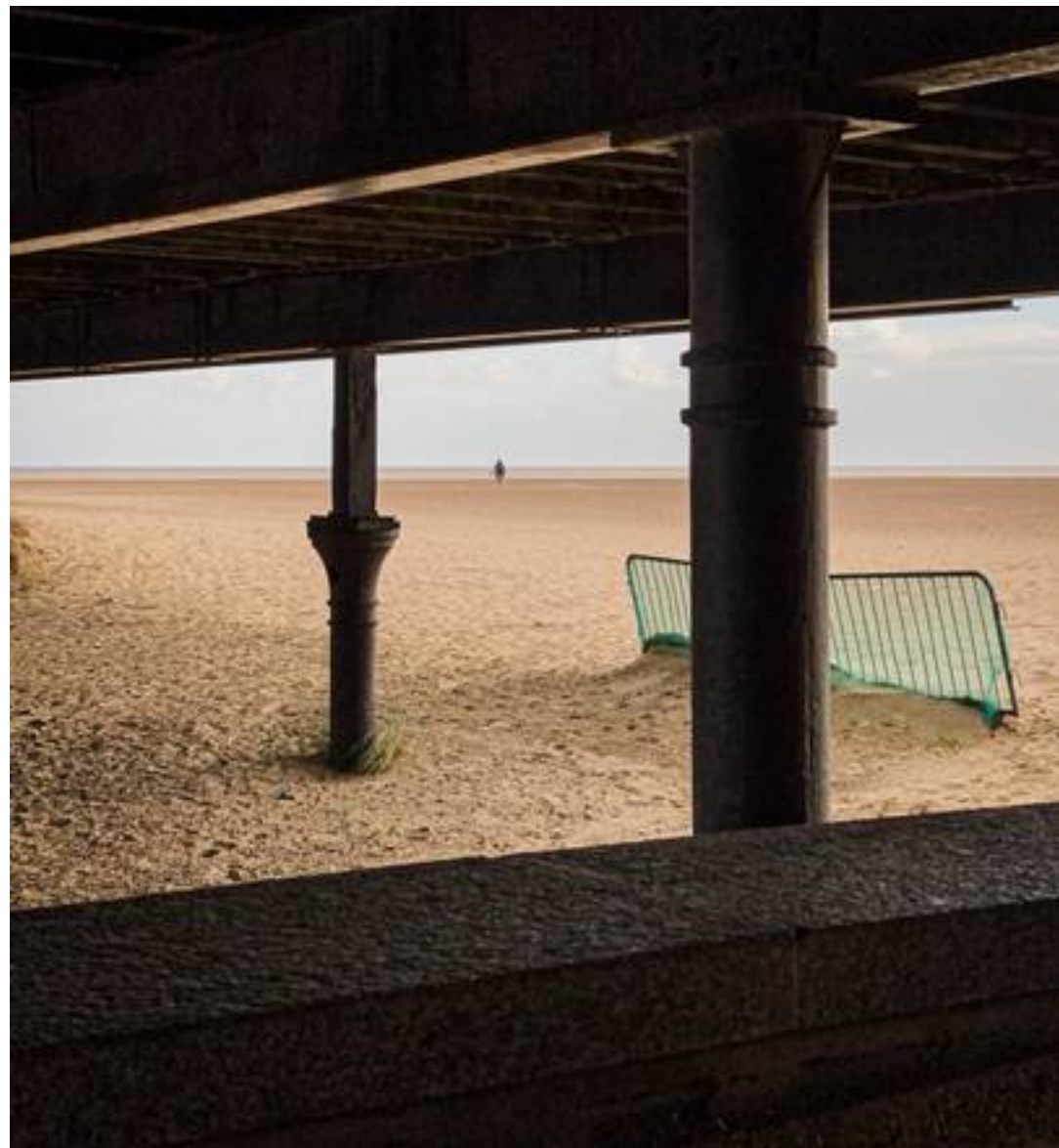




























COUNTISBURY 7 $\frac{1}{2}$
LYNMOUTH 9 $\frac{1}{2}$ A39

EXFORD 6
CLOUTSHAM 7







KENTISH

GAZETTE

NORTHGATE NEWS CONVENIENCE STORE &

TOBACCO PRODUCTS
TO ANYONE UNDER
THE AGE OF 18

Monday to Sunday

5am - 9pm

Play Her

5x data

Woman's Week

The br
bear

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EUROHILLIONS

€107M

SUPER JACKPOT

FRIDAY 28th MARCH

STAYERS MAGIC

MAKE THE CHOICE!

THE 7 YEARS OF PUNISH

THE 7 YEARS OF PUNISH

THE 7 YEARS OF PUNISH



SEND RETURN COLLECT

BRITISH GAS

DISCOVER OUR LATEST FLAVOURS

THE NATIONAL LOTTERY

SEND RETURN COLLECT

BRITISH GAS

DISCOVER OUR LATEST FLAVOURS

THE NATIONAL LOTTERY























Travel Photography Tip 1

Long exposure

Fountains, streams,
waterfalls etc

Turn on “live”

Some ideas...





The speed of the moving object shouldn't be too fast



Travel Photography

Long exposure

For longer exposures, try “Even Longer”



Or ReeHeld

...which I mention
in the “Apps”
section of this talk.



Travel Photography Tip 2

Just missed the moment?

Maybe not.

Leave “Live” on always.

Use it select a better frame after
you have taken your shot.



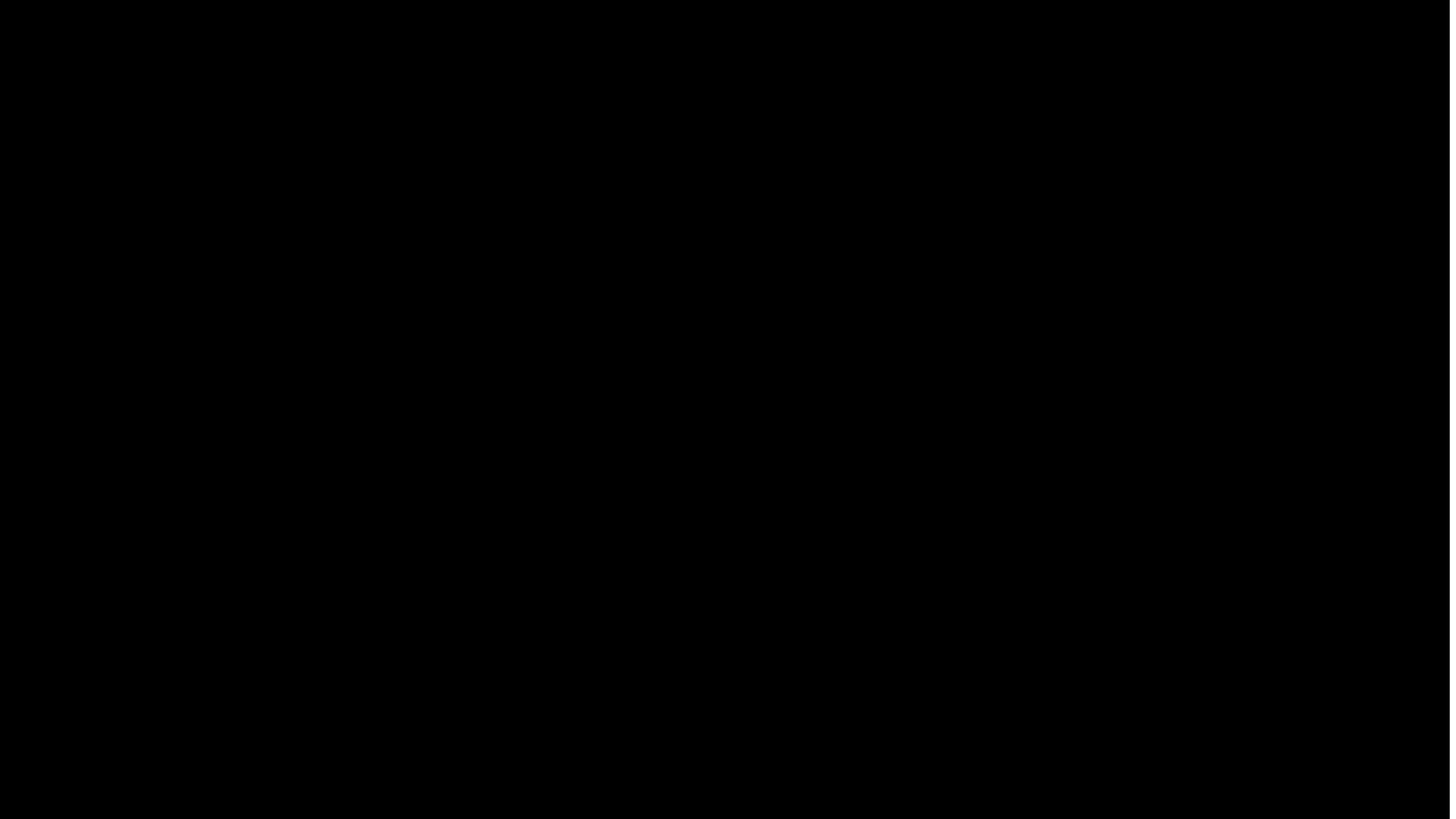
Travel Photography Tip 2

Just missed the
moment?

Maybe not.

Leave “Live” on always.

Turn one good shot into
several good ones.



Travel Photography Tip 3

Your phone has built-in features to help you get quality “detail” shots.

Rule of thirds grid.

Keeping the camera level.

Using the camera **above** a subject.



RAW



PHOTO VIDEO PORTRAIT SPATIAL



Travel Photography Tip 4

Shooting RAW

(a) You have to tell your iphone
that you **might** want to shoot
RAW

JPEG Max (up to 48 MP) ✓

ProRAW 12 MP

ProRAW Max (up to 48 MP)

Select a default photo format. In Camera, tap to toggle the photo format on or off, or long-press to choose other format options.

PRORAW FORMAT

JPEG Lossless (Most Compatible) ✓

JPEG-XL Lossless

JPEG-XL Lossy

JPEG-XL offers improved compression over JPEG, resulting in smaller file sizes. JPEG-XL support is available on iOS 17 and later, and macOS 14 and later.

File sizes are approximately:

- 10 MB for JPEG at 48 MP
- 28 MB for ProRAW at 12 MP
- 75 MB for ProRAW at 48 MP

Travel Photography Tip 4

Shooting RAW

- (a) You have to tell your iphone that you **might** want to shoot RAW
- (b) Know how to switch to RAW and **then switch off again** easily. **File sizes** may be a problem.

Pro Default

Pro Default

JPEG Max (up to 48 MP)

ProRAW 12 bit

ProRAW Max (up to 48 MP)

Choose a format and resolution. ProRAW is only available on devices with ProRAW support. ProRAW Max is only available on devices with ProRAW Max support.

ProRAW 12 bit

JPEG Lowers (Most Compatible)

JPEG-H, Lowers

JPEG-X, Lowers

JPEG-X, Lowers. ProRAW is only available on devices with ProRAW support. ProRAW Max is only available on devices with ProRAW Max support.

ProRAW 12 bit
ProRAW 12 bit
ProRAW 12 bit
ProRAW 12 bit

Apps

- Bewildering!
- Cost: range from free to expensive
- Amazing
- Fun
- Will help you get creative
- Gives me a 'new eye' towards my photos

Some I like and use

iPhone camera app itself
Lightroom Mobile
Snapseed
Hipstamatic
Distressed FX
Lots more, for abstract photography...

Apps

Hipstamatic



Emulates the look and feel of film photography.

It's a "camera" with different "lenses", "films" and "flashes", inspired by vintage film cameras from the 50s - 80s.

Absolutely wonderful for times when your motivation is low.



A man with short brown hair and a blue t-shirt is smiling and holding a black Hipstamatic camera. The camera has a large lens with a yellow iris and a yellow flash on top. The background is a simple, light-colored wall.

Hipstamatic

Apps

Hipstamatic

- The results can be as random or as fixed as you like.
- Not limited to squares.
- In settings, you can tell it to record an unprocessed image along with the Hipstamatic image
- Can edit your dslr images within it.
- Has a range of editing tools within it.
- It's now called "Classic Camera by Hipstamatic" as they have a newer Hipstamatic, which is subscription-based.
- Best app I've ever bought.

Apps

Not to forget

Lightroom

How do you get your phone photos into LR?

Use wi-fi only*

The better I get in LR classic, the easier the mobile app becomes. I have had problems managing what is shared.



Apps Snapseed



Android and iPhone
Free!

Ultimate guide:

<https://www.youtube.com/watch?v=UzZ1zEdSSdC>

Apps ReeHeld



30s long exposures, with no tripod.



Apps

ReeXpose

Shoot motion blur and light trails*. Tripod. Much longer exposures possible.

Manual photography!



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Check out iPhone Photography School on YouTube:

https://www.youtube.com/results?search_query=iphone+photography+school

Or on TikTok:

<https://www.tiktok.com/@iphonphotographyschool>

Mobiography:

<https://www.mobiography.net/>

Making Reels:

<https://www.youtube.com/watch?v=yf62Q3oQ4V4>

<https://www.youtube.com/watch?v=wcmPvGuG80Q>

<https://www.youtube.com/watch?v=6tghjtIUls>

“Less Than Happy”

Can you spot one DSLR image?



“Less Than Happy”

Can you spot one DSLR image?



“Waiting”

