



Greg Cave
January 2017

Credits

- DSLR Controller
 - <https://dslrcontroller.com/>
- Krishi Mohan Photography
 - <http://drkrishi.com/dslr-controller-review/>

What is DSLR Controller?

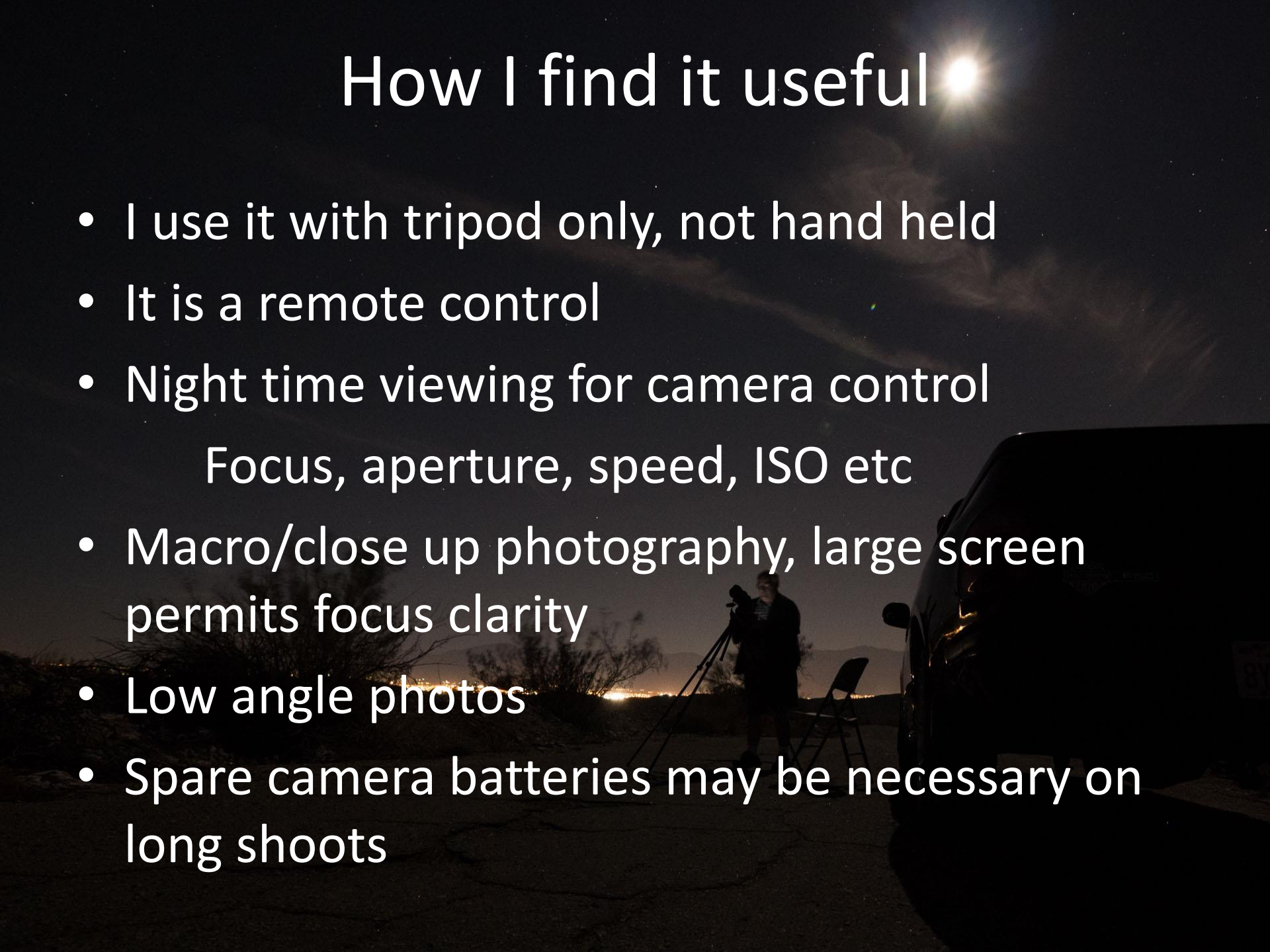
- Tablet based, large screen DSLR camera controller
- Every function available on your camera shows up on your tablet's screen and a large live view displays your shot.
- It includes tools that make shooting tasks like night photography, time-lapse photography, HDR, and focus bracketing simple.

How I find it useful

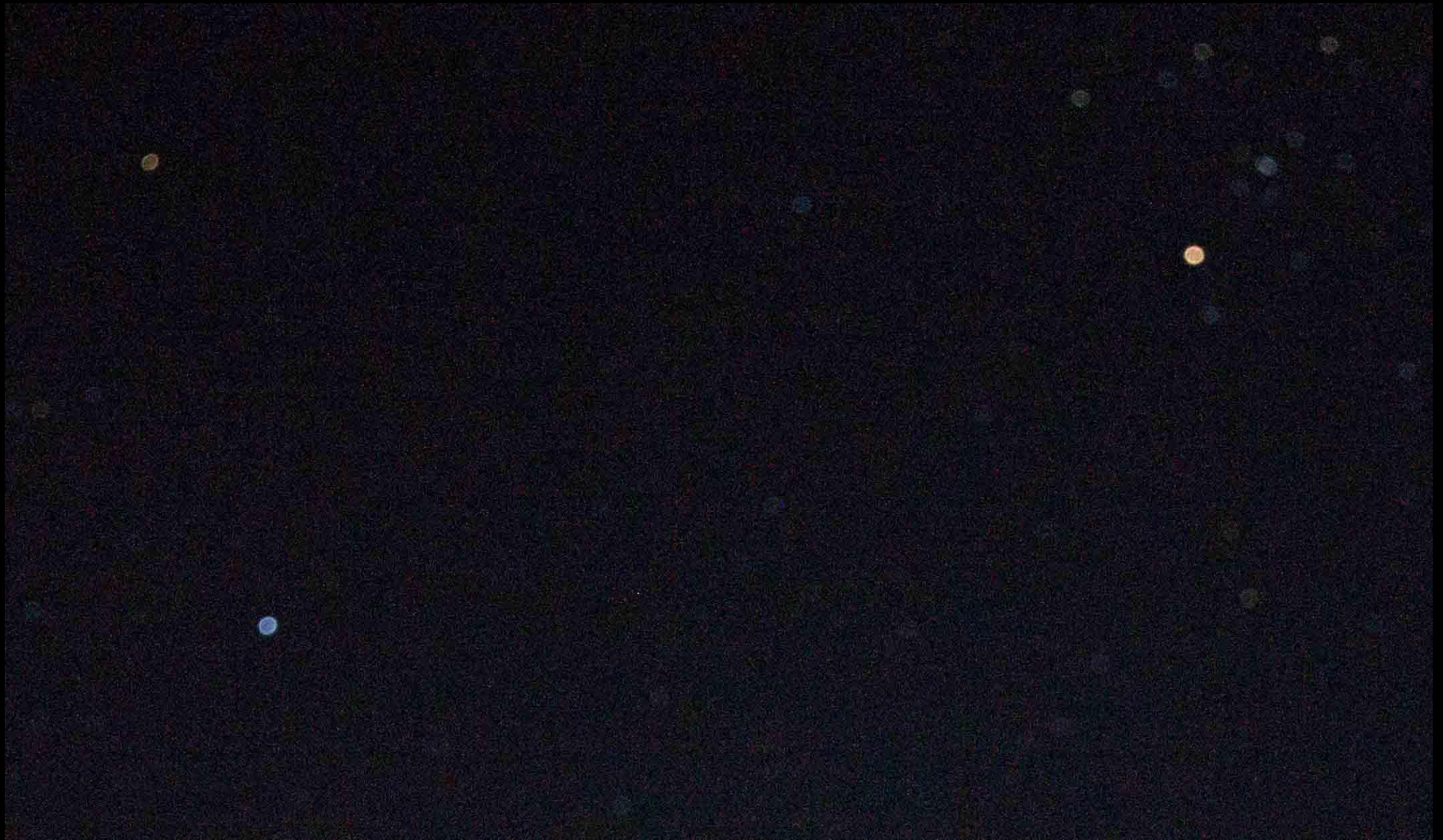
- I use it with tripod only, not hand held
- It is a remote control
- Night time viewing for camera control

Focus, aperture, speed, ISO etc

- Macro/close up photography, large screen permits focus clarity
- Low angle photos
- Spare camera batteries may be necessary on long shoots



Focus on Star



Android Apps

- **Canon - DSLR Controller - \$11**
- **Nikon - DSLR Dashboard - Free**

Apple Apps

- **Canon & Nikon - Camranger - \$400**
- **CameraMator - \$299**
- **OnOne's DSLR Camera Remote HD - \$50**

Phone



Tablet



On-The-GO Cable



Micro-USB Male to USB 2.0 Female Host OTG Adapter Cable for Nexus 7

\$3.29

Buy It Now

3075 sold

[See more like this](#)

From United States



USB to mini Cable

UGREEN®



Ugreen A Male To Micro USB 2.0 Fast Charging Data Cable for Samsung Android HTC

\$2.75 to \$5.51

Was: \$5.99

Buy It Now

Free international shipping

34+ sold

8% off

From Hong Kong

Set up



NAVIGATING DSLR CONTROLLER

- **THE LEFT SIDEBAR**
- On the left, are the quick controls. Focus mode, picture style, drive mode, white balance, and other shooting mode-specific options can be tweaked from there.
- Focus mode is an interesting one, because manual focus actually has an automatic element. Instead of the focus being adjusted with the lens itself, it's fine-tuned with arrows in various increment ranges. First, select the increment at the top, then use the arrows at the bottom to adjust the focus. It's one of the tools that really exemplifies why a larger LCD screen is so useful; fine-tune and check the focus once, and you're set.
- At the very bottom, is the Play button, with which you can view all the photos stored on your camera's memory card. In that area, you can delete photos and save them to your Android device for quick editing and sharing.
- The functions available in the sidebar correspond to whatever shooting mode you're in. DSLR Controller really works best when you're in Manual, Aperture Priority, or Shutterpriority. The app also works in movie mode.

Main Screen

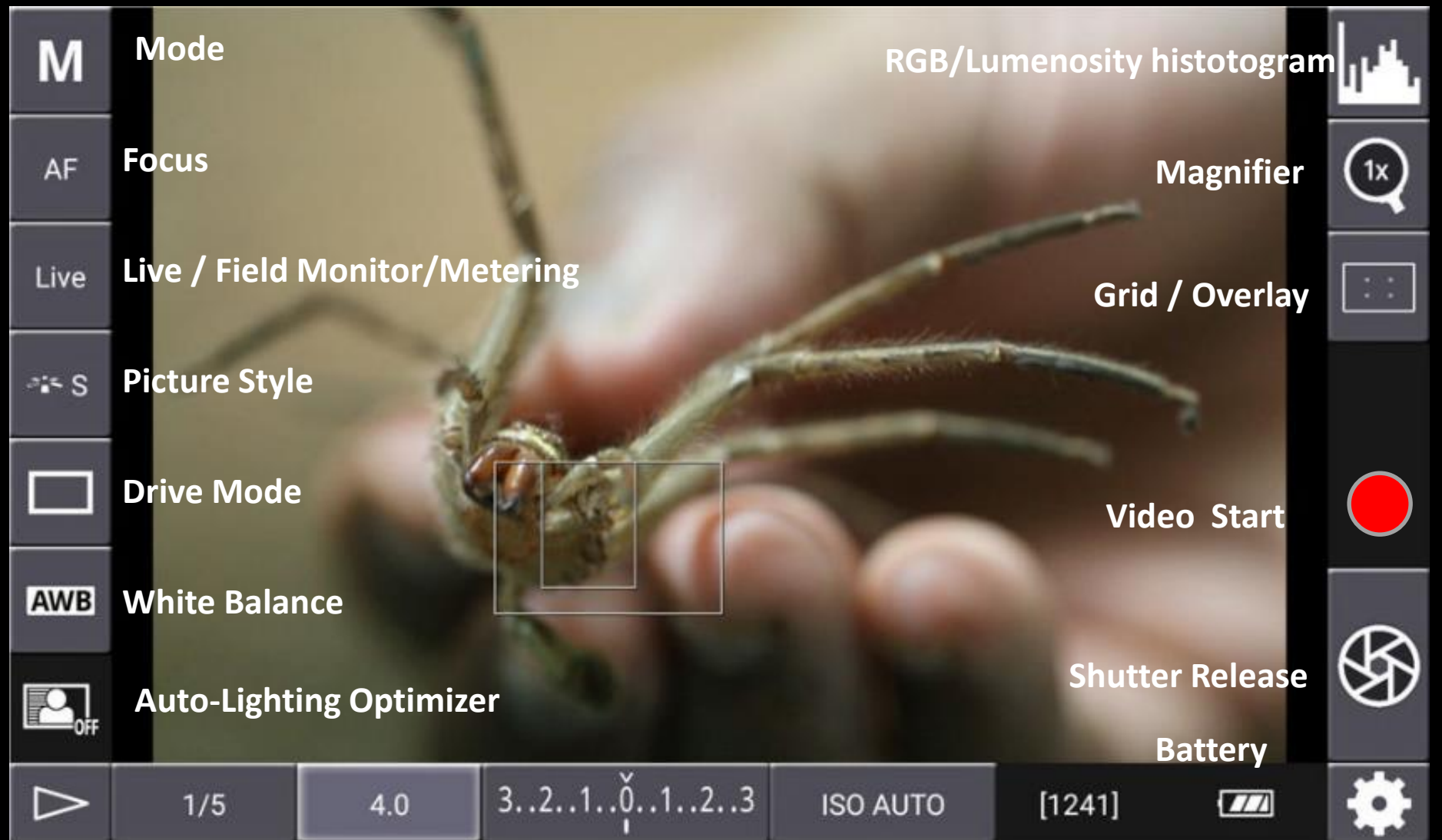


Image Viewer Shutter Aperture Exposure Compensation ISO Photos Remaining Settings / Options



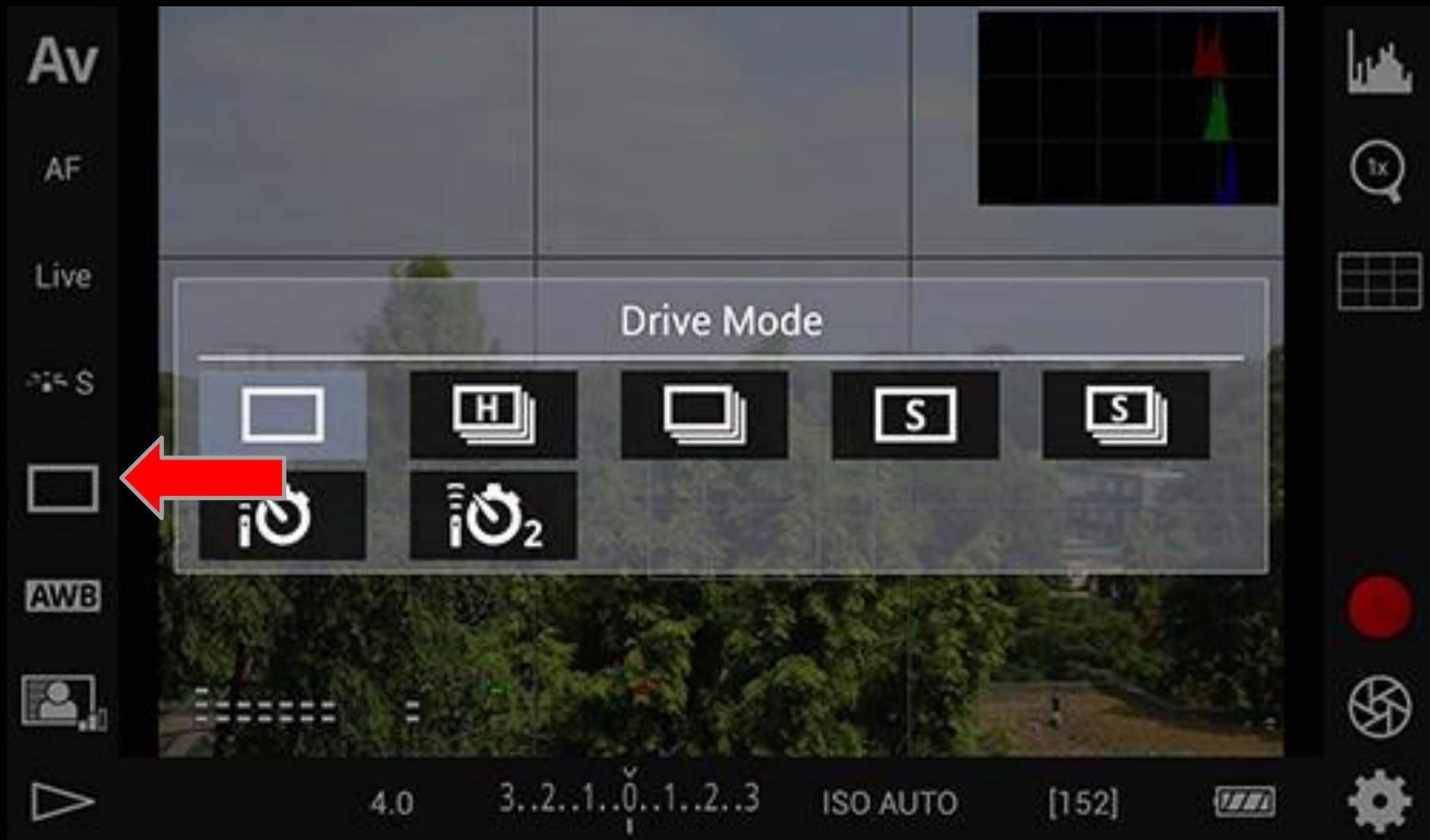
Focus Adjusting



Metering mode



Drive Mode



White Balance Selection



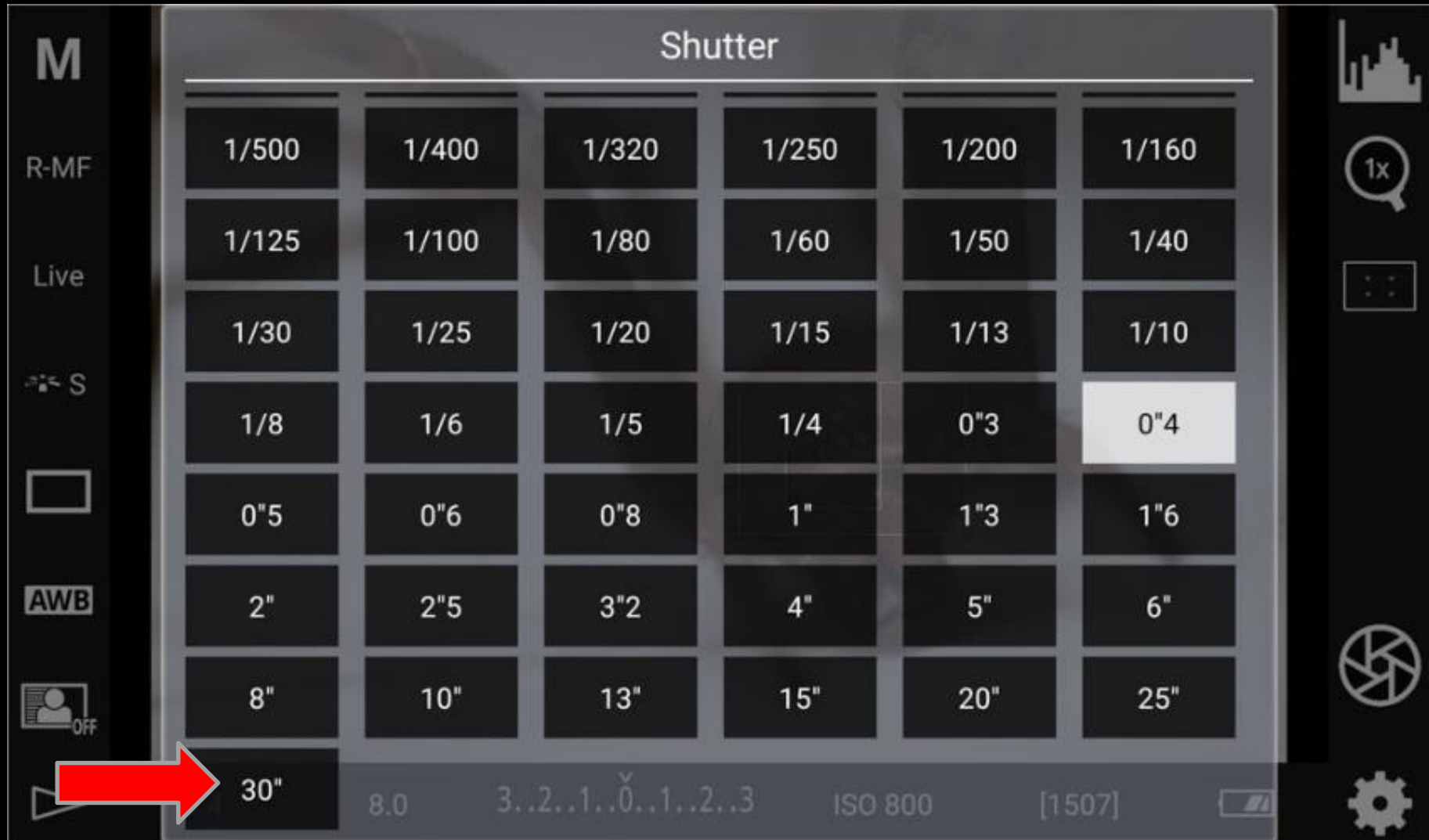
Post-Capture Details Screen.



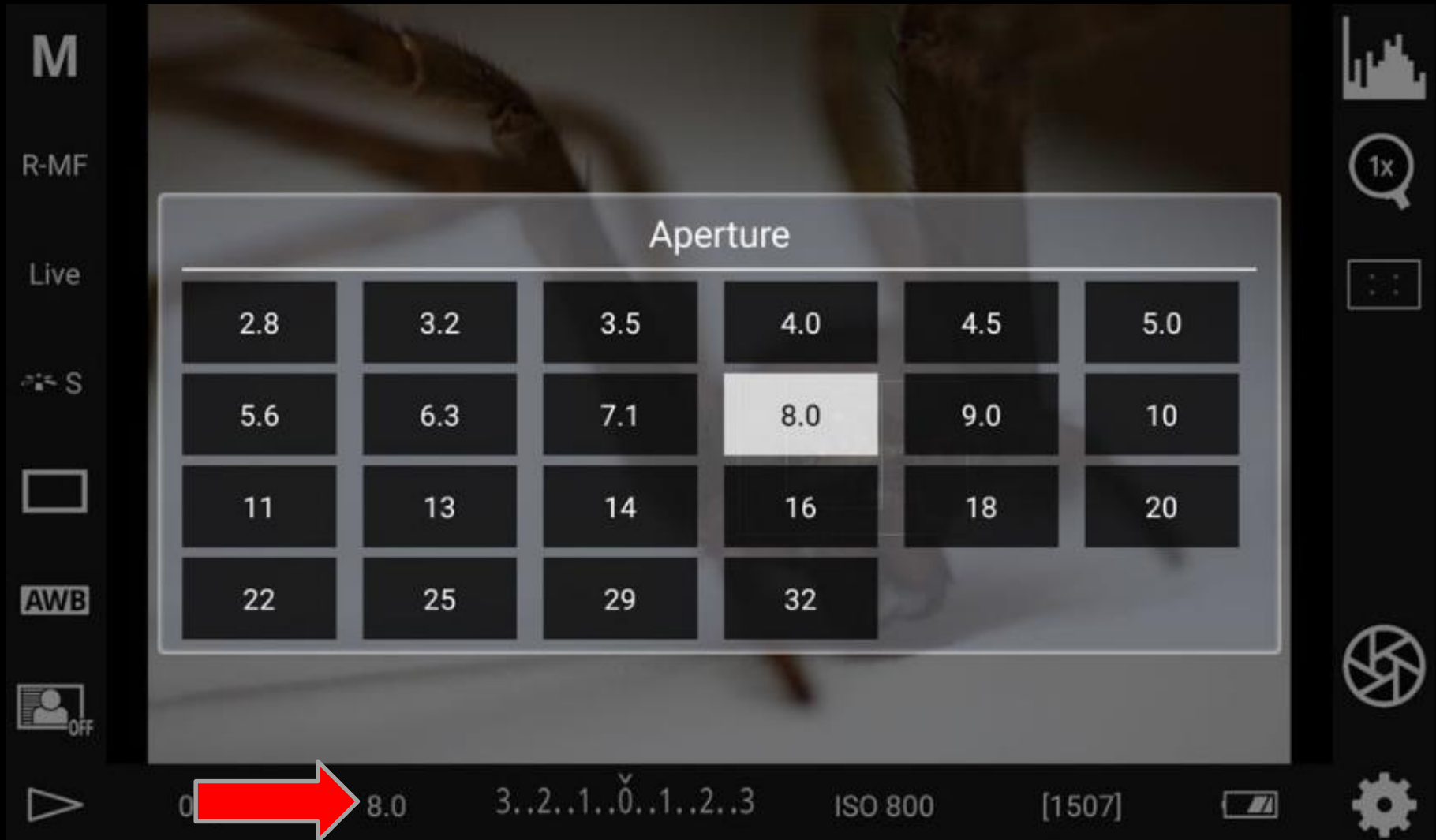
NAVIGATING DSLR CONTROLLER

- **THE BOTTOM ROW**
- Along the bottom, the camera functions continue. In order, you can change the shutter speed, aperture, exposure, and ISO. To the far right are two very useful indicators -- shots remaining, and battery.
- **THE RIGHT SIDE BAR**
- Up top, tap the histogram button to quickly view an RGB or grayscale histogram, useful for evaluating the lighting and exposure. Below that is a magnification tool that you can use to zoom in on your shot and carefully check the focus. To use the tool, drag the white box to the area you want to home in on, then tap the magnification button.
- Finally, there is a grid tool, for maintaining a specific ratio or viewing the "rule of thirds" grid.
- In the bottom-right corner are a big shutter button and settings. Settings is where app options can be tweaked, and that's also where you'll find the tools that make DSLR Controller that much more useful.

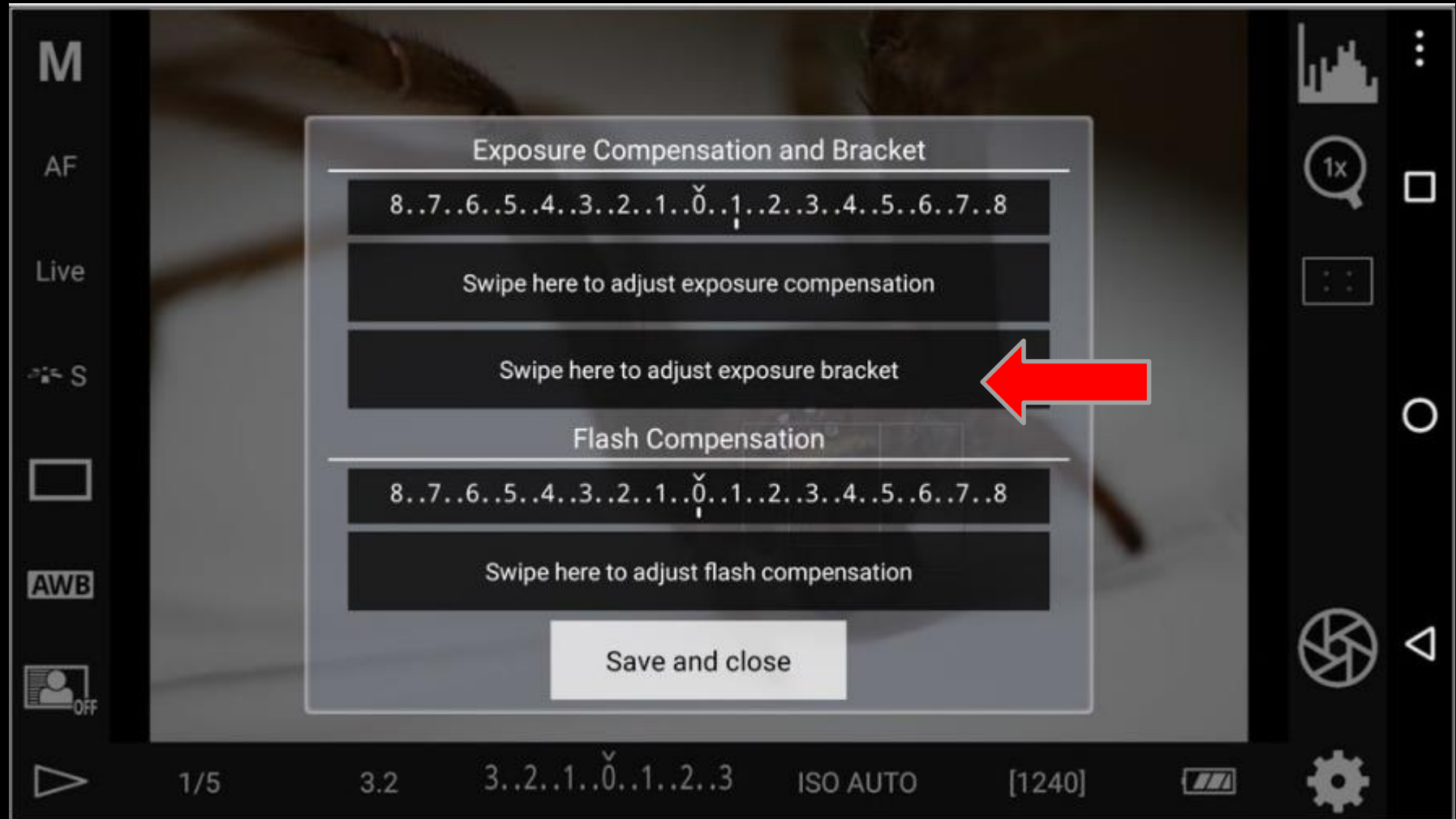
Shutter Speed Selection



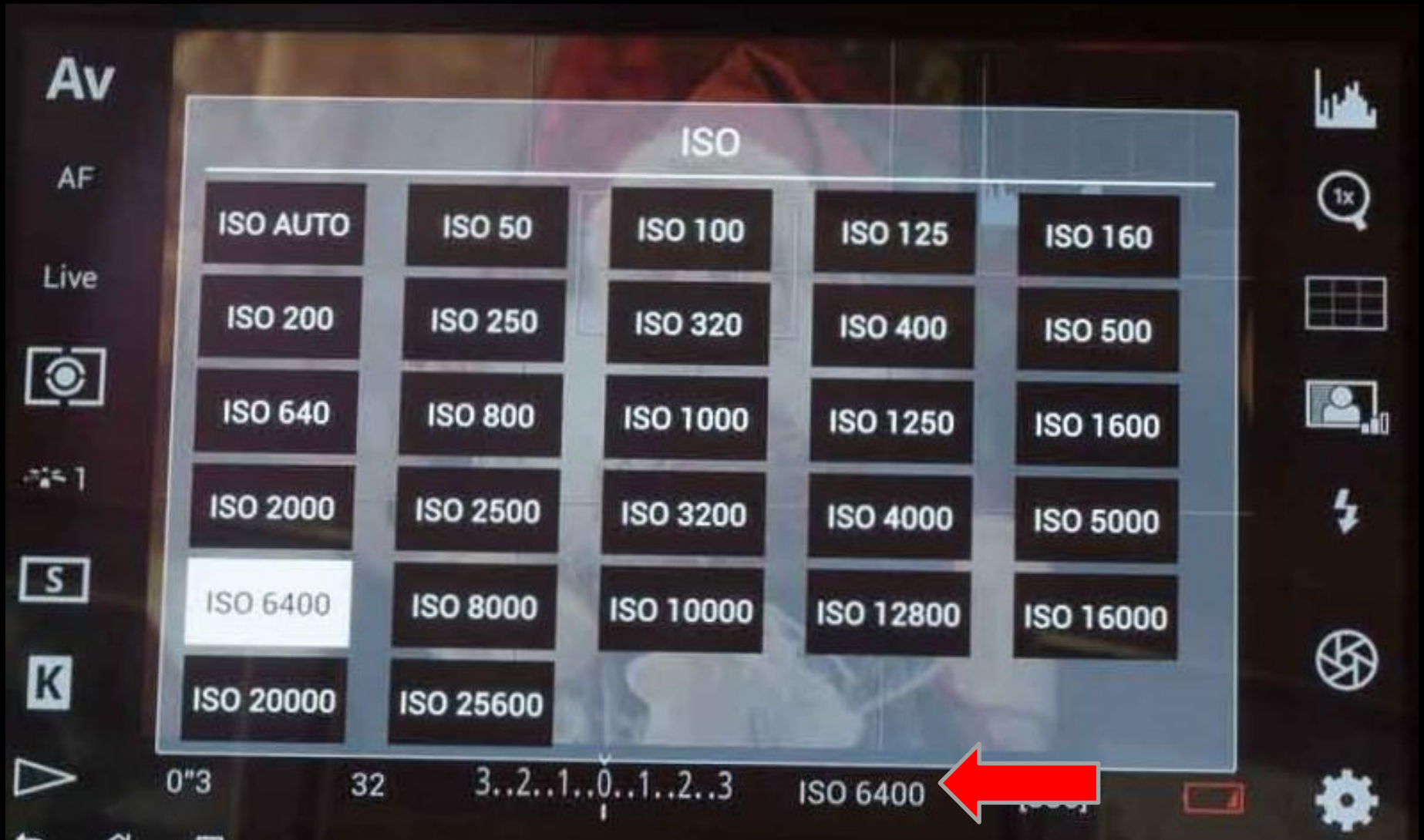
Aperture Selection



Exposure Compensation & Bracketing



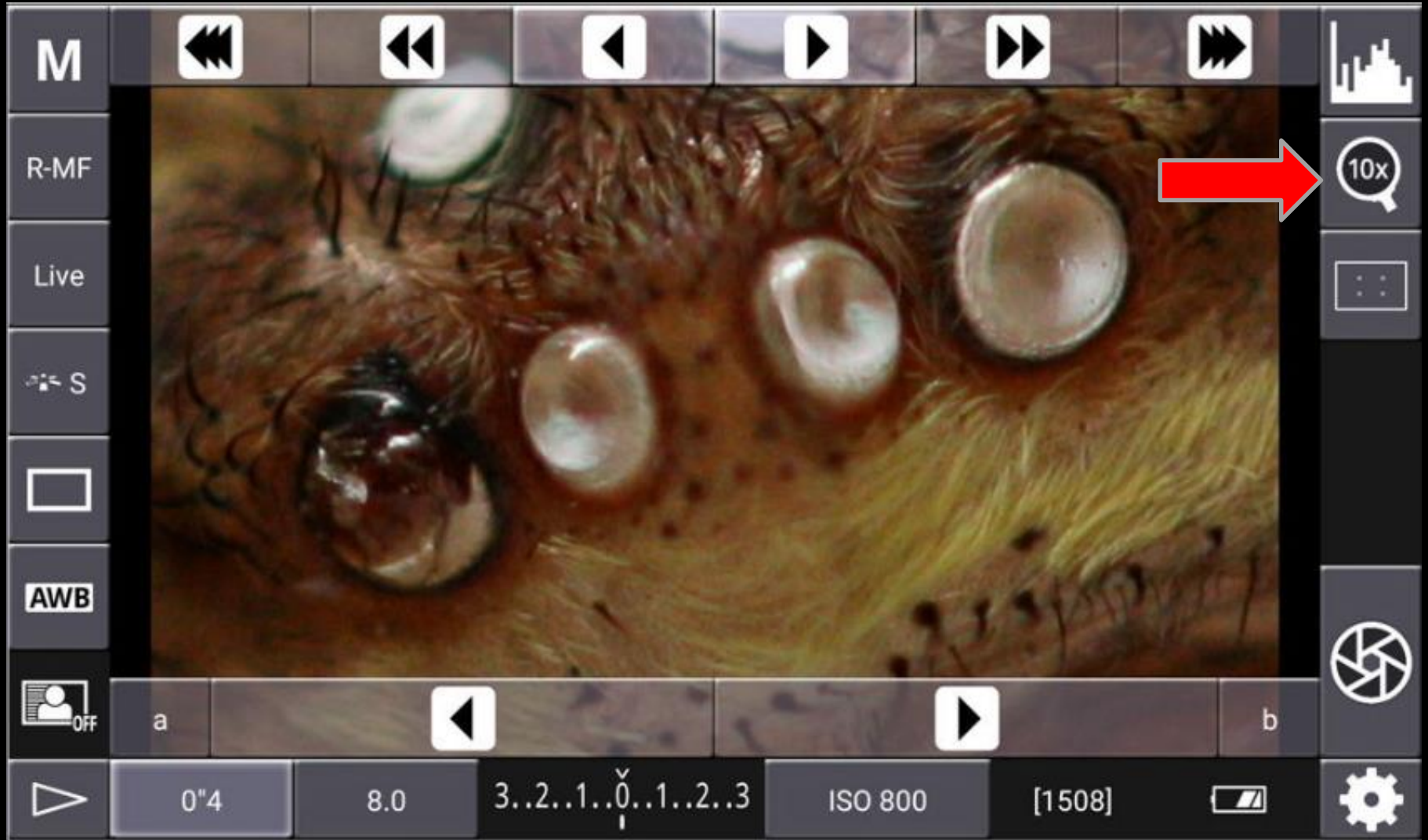
ISO Selection











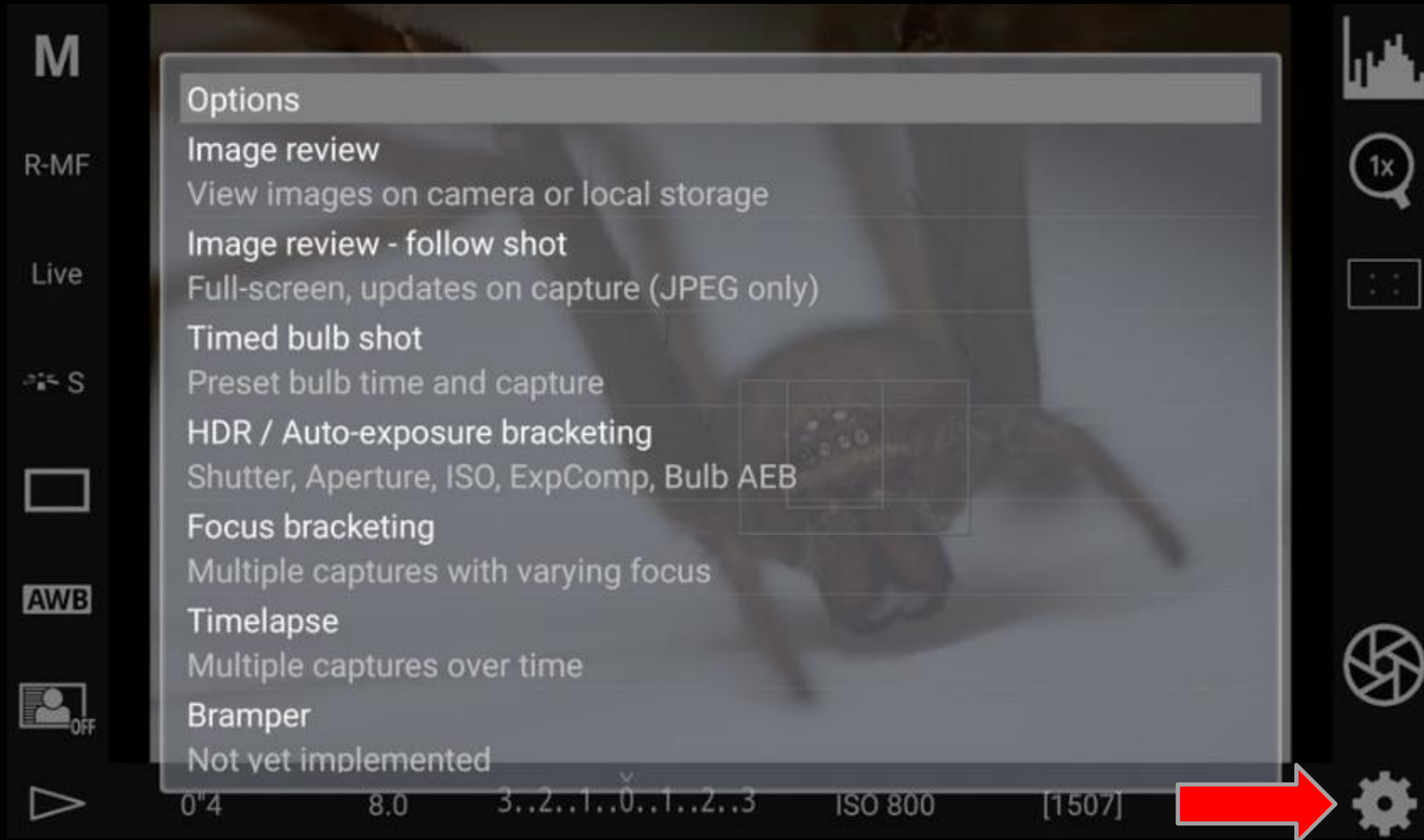
Aspect Ratio & Overlays



ADVANCED FEATURES AND SETTINGS

- **IMAGE REVIEW**
- With DSLR Controller, you can choose to store the photos on your Android device in addition to your camera. If you absolutely want access to all your shots on your Android device, choose to save them there. Otherwise, it's better to import photos as needed, since saving to both devices could slow things down.
- **HDR/AUTO-EXPOSURE BRACKETING**
- Instead of you needing to manually adjust exposure for HDR shots, DSLR Controller will do that for you automatically. It won't combine those photos for you, but it does expedite the shooting process.
- **FOCUS BRACKETING**
- The focus bracketing tool automatically shoots a sequence of photos at various focal lengths that can later be combined to create one photo with a wider focus range. This technique is especially useful with macro photography, but, of course, you'll need to continue the process of combining the photos on your PC.

Settings and Options Screen



HDR/AEB (Shutterspeed)

8..7..6..5..4..3..2..1..0..1..2..3..4..5..6..7..8

Center: 0 EV

Step: 1 EV

Shots: 5 (out of 5)

Auto-Focus: First shot

1/10

1"6

Go

Reset

Cancel

Focus Bracketing

Direction: Farther

Step: 1

Step-Size: Small

Shots: 3

Shot-Type: Single



Single



HDR/AEB

Go

Reset

Cancel

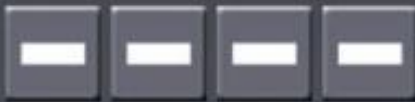
Timelapse

Interval:
02s 000ms

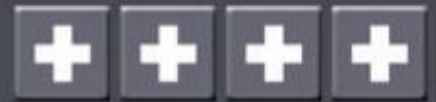
Shots: 100
03m 18s 000ms

Auto-Focus: First shot

Shot-Type: Single



Single



HDR/AEB

Go

DoF

Reset

Cancel

M



R-MF

Live

S



AWB



OFF

a

b



0"4

8.0

3..2..1..0..1..2..3

ISO 800

[1507]



Camera information

Manufacturer: Canon Inc.

Model: Canon EOS 5DS R

Version: 3-1.0.1 R

Serial (hash):

e32dd0003a0b41e0980459f766635936

Serial: 028021000427

Shutter counter: -1

(only updated once per camera power cycle)

OK

ADVANCED FEATURES AND SETTINGS

- **TIME LAPSE**
- This here is one of the coolest reasons to snag DSLR Controller. Normally, if you want to shoot time-lapse images, you'd have to pick up an intervalometer -- a tool that automates shooting photos in intervals. But, with this app, there's a built-in tool that does just that.
- The setup screen for the time-lapse tool is a little confusing at first, so you may need to tinker with it a bit to get the hang of it. Essentially, the blocks on the left are "minus" buttons, and the blocks on the right are "plus" buttons. Use them to adjust the the elements down the middle of the screen (like interval, shots, and autofocus.)
- When you're set, hit "Go," and your camera will start firing without any extra help.

ADVANCED FEATURES AND SETTINGS

- **Wi-Fi PASSTHROUGH**
- What's better than a camera-to-Android setup? A *wired* camera-to-Android setup. With the latest DSLR Controller setup, a second Android device can be tethered to the wired device, turning your second device into the primary, wireless controller.
- To use it, simply connect both devices to the same Wi-Fi network. Then, tap this setting option and launch DSLR Controller on the second device. You are now free to move about the cabin.

Focus Example - Camera / Tablet



Focus Example – 1x



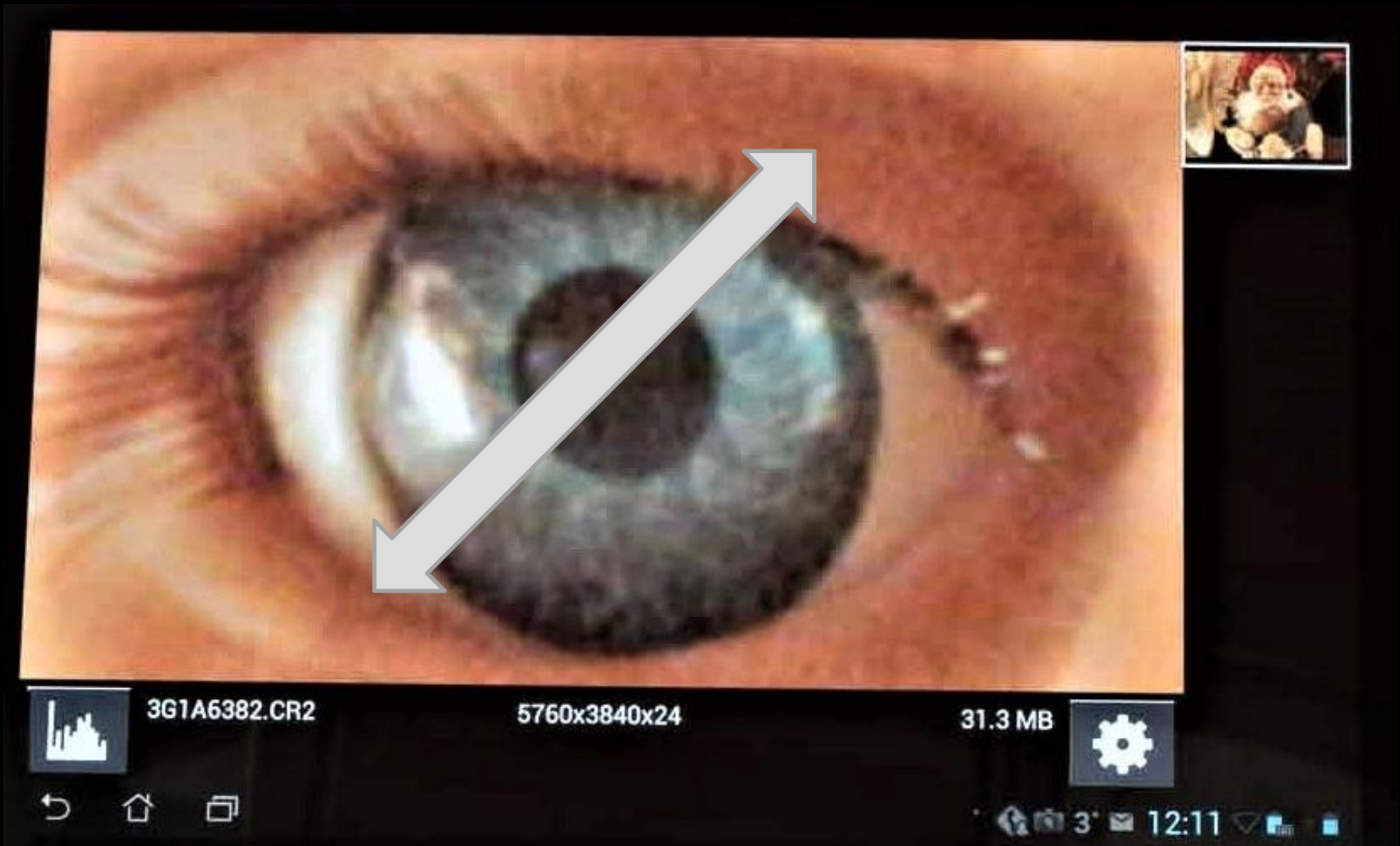
Focus Example – 5x



Focus Example – 10x



Focus Example - swiping



Exposure Blowout (clipping)



Av Example



DSLR REVIEW

Adjustable Settings

- Shutter speed
- Aperture
- Exposure compensation
- Exposure bracketing
- Flash compensation
- ISO speed
- Auto focus mode
- Focus and zoom area
- Picture style
- Drive mode
- White balance
- Color temperature
- Auto-lighting optimizer
- Metering mode
- Flash firing
- Image quality and format
- Video quality and format

Features

- **Liveview**
 - Focus points and area
 - Zoom area and control
 - Luminosity and RGB histograms
 - Grid and aspect ratio overlays
 - Anamorphic desqueeze (1.3, 1.5, 2.0x)
 - Display filters
 - Horizontal/vertical level (if supported)
 - Audio levels (if supported)
 - Lightmeter feedback (if supported)
 - Mirroring
- **Focus**
 - Auto focus
 - Manual focus
 - Remote manual focus
 - 3-speed focus adjustments
 - Bracketing (with AEB/HDR support)
 - A-B pull

Features

- **Capture**
 - Normal capture
 - Bulb capture (hold as well as timed)
 - Continuous capture
 - Video recording
 - Mirror Lockup support
- **Image review**
 - CR2 support
 - Luminosity and RGB histograms
 - EXIF display
 - Exposure blinking
 - Follow shot mode
 - Mirroring
 - Image sharing
 - Selectively save to Android or camera

Features

- **HDR capture (Auto Exposure Bracketing)**
 - Exposure Compensation
 - Shutterspeed
 - Aperture
 - ISO
 - Bulb
- **Timelapse capture**
 - Supports HDR/AEB capture
- **Wi-Fi Passthrough**
- Note that available features and settings depend on the current camera mode (M, Av, Tv, ...) and model !

Display Filters

- Display filters include: Exposure
- Peaking (four modes)
- Contrast (four modes)
- Channel mask (four modes)
- Grayscale (four modes)

Internal Processing

