TETHER TOOLS

Case Air Wireless

TETHERING AND CAMERA CONTROL SYSTEM

PRODUCT MANUAL

CAWTS03

CASE AIR

v3.16   Android

ABOUT CASE AIR

The Case Air Wireless Tethering System connects and transfers images instantly from your camera to a phone, tablet or computer using the downloadable Case Remote software/app. Case Air lets you control advanced camera settings including focus points, exposure settings, bracketing/HDR, time-lapse, and more. View your images on a larger screen to check critical focus and composition, or use Live View or movie mode for real-time capture to share and collaborate as you create.

CASE AIR CAMERA COMPATIBILITY

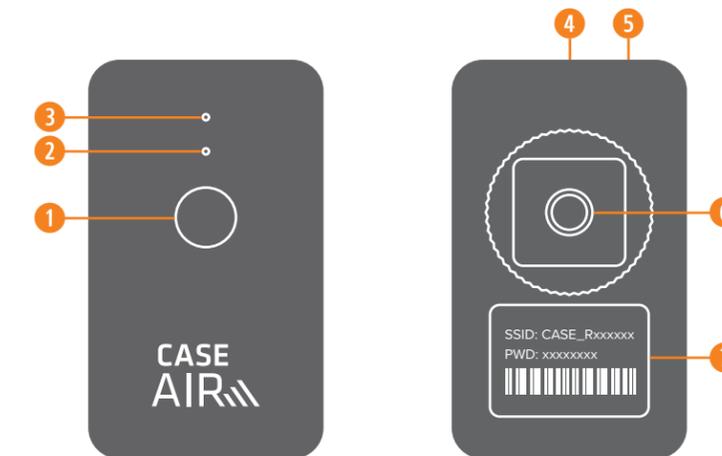Visit **www.TetherTools.com/CaseAir** for a complete list of compatible cameras.

COMPATIBLE

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FEATURES

❶ Power Button
❷ Status Light
❸ Power Indicator Light
❹ Micro-USB Port
❺ Lanyard Connection Point
❻ 1/4-20" Female Thread
❼ SSID and Password

CASE AIR⑊

SSID: CASE_Rxxxxxx
PWD: xxxxxxxx

ACCESSORIES

❶ USB Charging Cable
❷ Quick-Release Lanyard
❸ Hot Shoe Adapter

SPECIFICATIONS

Size:
2.64" (67.25mm) x 1.6" (40.11mm) x 0.55" (13.99mm)

Weight:
1.76 ounces (50 grams)

CPU:
400Mhz MIPS

RAM:
64M DDR2

WiFi:
802.11 b/g/n

Distance:
150 feet (45m)

Battery Life:
6-8 hours

Battery Type:
1380 mAh lithium battery

CHARGING

Case Air can be charged using any standard USB charger. Charging cables included.

BATTERY LEVEL

- **GREEN**
  Full (>60%)
- **YELLOW**
  Half (30-60%)
- **RED**
  Low (<30%)

WiFi STATUS

- **BLUE FLICKER**
  Starting or Updating
- **BLUE STABLE**
  WiFi Available

POWER BUTTON

MOBILE DEVICE INSTALL

Make sure to install the Case Remote App before using the Case Air for the first time.

To install the Case Remote App on your mobile device or computer, download the Case Remote App from the Google Play Store.
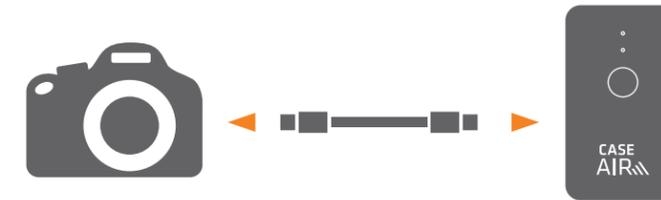
Case Remote App

APP UPDATES

The Case Remote App will be updated continuously, please download as needed and follow the update instructions.

CONNECTING

❶ Connect the Case Air to your camera using the supplied USB cable that is compatible with your camera.

Included Case Air Connector Cables:

USB 2.0 Mini-B 5-Pin

USB 2.0 Mini-B 8-Pin

USB 3.0 Micro-B

❷ Power on your camera. Power on the Case Air by pressing and holding the power button for more than 2 seconds.

POWER BUTTON

❸ **Mobile Device Install**

(a) To install the Case Air app on your mobile device, download the Case Remote App from the Google Play Store.

(b) Go to Wi-Fi settings and connect to CASE_Rxxxxxx Wi-Fi and enter the PWD code from the back of the device when prompted for the password.
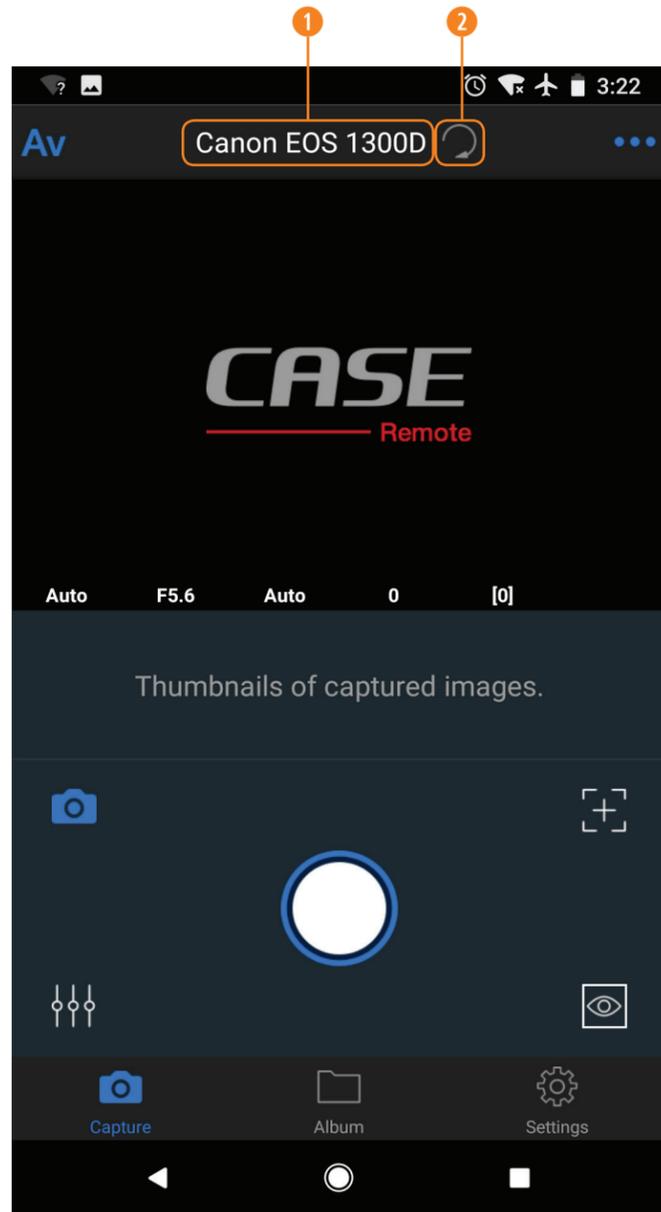
Wi-Fi	ON
CASE_Rxxxxxx	

SSID: CASE_Rxxxxxx
PWD: xxxxxxxx

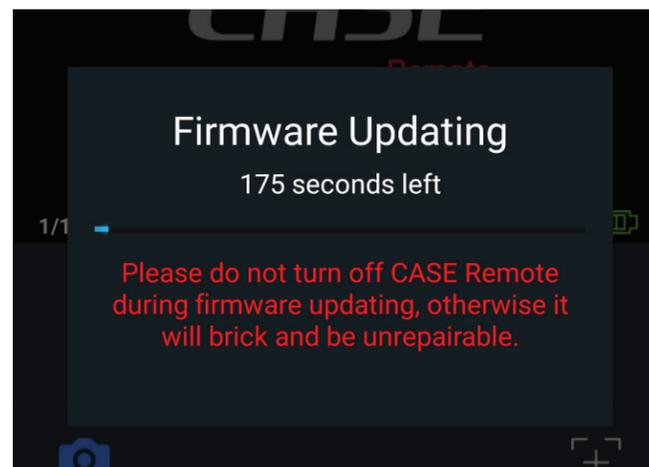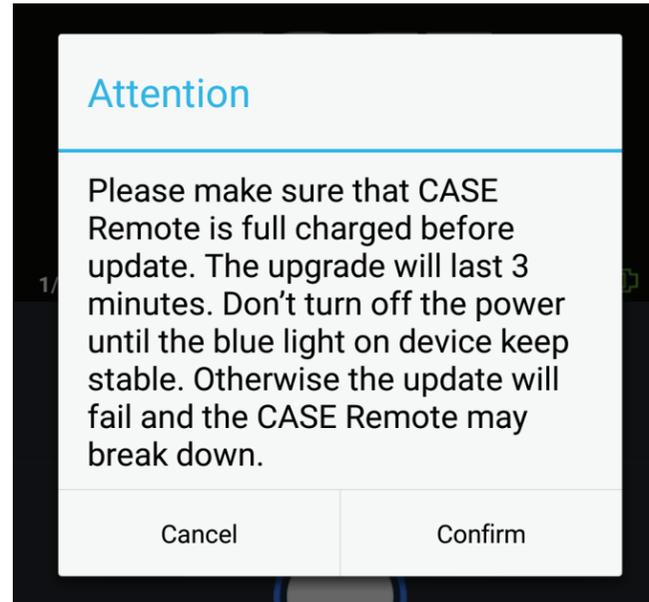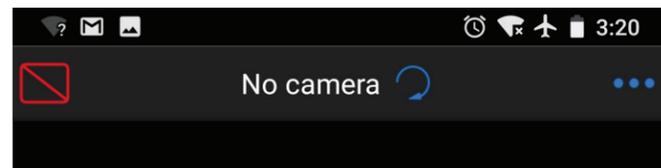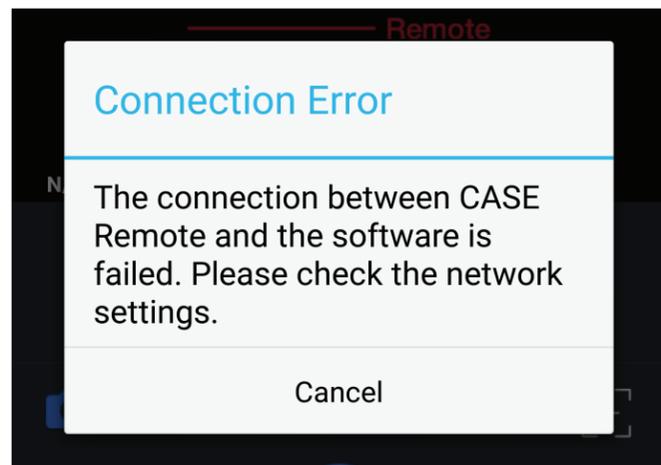**(c)** Start the Case Remote App.

❹ **Computer Install**
To install the Case Air software on your computer go to: www.TetherTools.com/CaseAirInstall

CASE REMOTE APP
❶ Camera information
❷ Refresh connection

If either of the messages below are displayed on your Case Remote App, set up your WiFi connection and press the Refresh button to connect your camera to your Case Air.
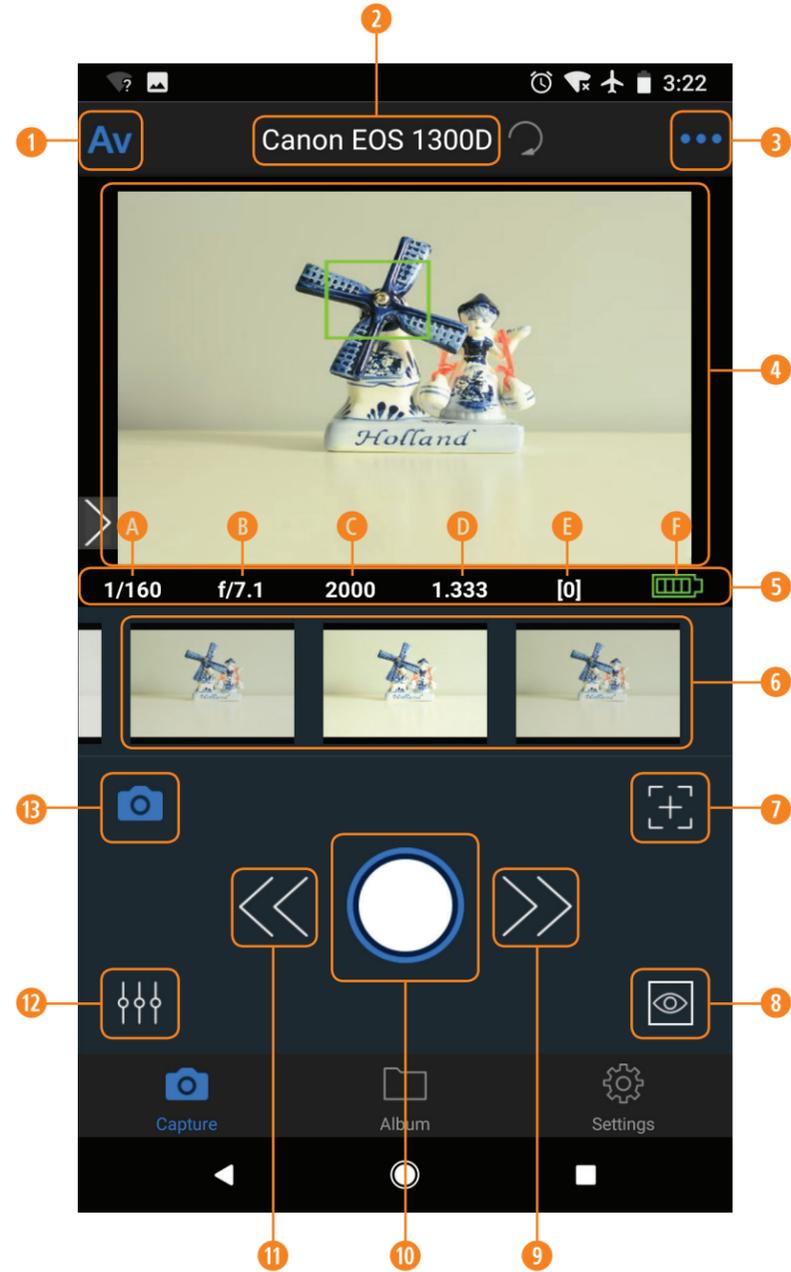

Connection Error

The connection between CASE Remote and the software is failed. Please check the network settings.

Cancel

No camera

FIRMWARE UPDATE
If a firmware update for the Case Remote App is needed, you will see the Attention screen. MAKE SURE the Case Air battery and the battery on the device you are connected to is fully charged prior to pressing Confirm.
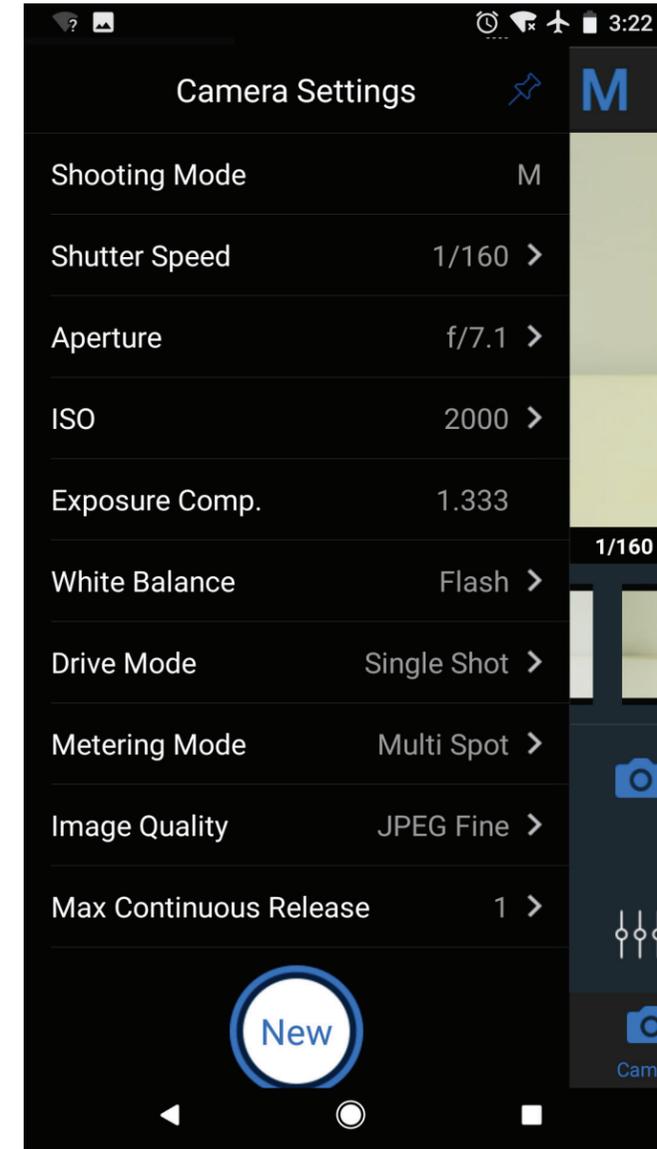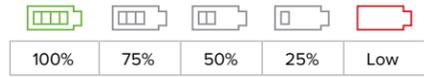
DO NOT turn off the Case Air or Case Remote App during the update process as this may damage the hardware and render the Case Air unrepairable. The firmware update process will take approximately 3 minutes.

After the firmware update has completed, exit the Case Remote app, ensure your device is connected to the Case Remote WiFi, then restart the Case Remote App.

Attention

Please make sure that CASE Remote is full charged before update. The upgrade will last 3 minutes. Don't turn off the power until the blue light on device keep stable. Otherwise the update will fail and the CASE Remote may break down.

Cancel   Confirm

Firmware Updating
175 seconds left

Please do not turn off CASE Remote during firmware updating, otherwise it will brick and be unrepairable.

CAPTURE INTERFACE

❶ Shooting Mode

❷ Camera Model

❸ Advanced Function Menu

❹ Live View Window

❺ Mirror Preview

❺ Current Shooting Parameters

   Ⓐ Shutter Speed

   Ⓑ Aperture

   Ⓒ ISO

   Ⓓ Exposure Compensation

   Ⓔ Image Count

   Ⓕ Camera Battery Level

100%	75%	50%	25%	Low

❻ Thumbnail

❼ Auto Focus

❽ Live View

❾ Manual Focus (increase)

❿ Shutter

⓫ Manual Focus (decrease)

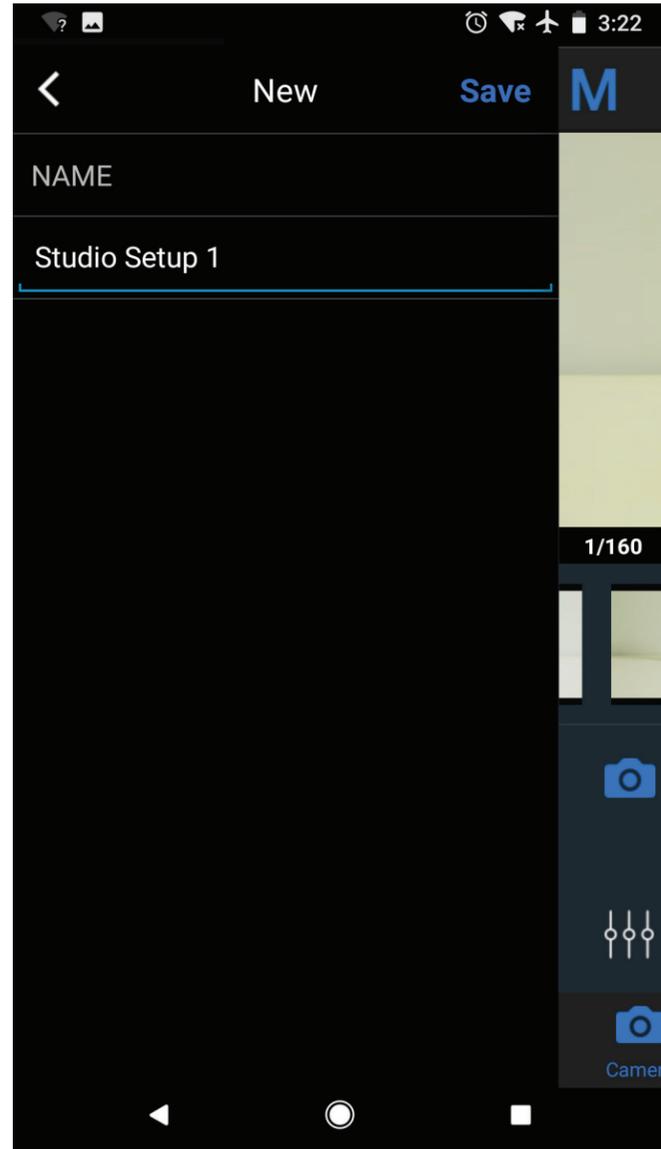⓬ Quick Settings

⓭ Video Mode

CAMERA SETTINGS

The Case Remote App allows you to both review the current camera settings as well as adjust them. Any setting changes made on the camera will be updated in the app real-time. Likewise, any changes made in the app will be displayed appropiately on the camera.

ADJUSTING CAMERA SETTINGS

❶ Select the current shooting mode icon or swipe right to open the camera Properties menu

❷ Select the property to change

❸ Select the new setting

NOTE: With some cameras you can change the Shooting Mode from the Case Remote App. If you cannot change the shooting mode from the Case Remote App, it must be changed on the camera.

SAVING PROPERTIES

Save camera settings for future quick use:

❶ Open the Properties menu

❷ Set the properties

❸ Tap New

❹ Name the properties

LOADING PROPERTIES

Load previously saved camera settings:

❶ Open the Properties menu

❷ Tap Load

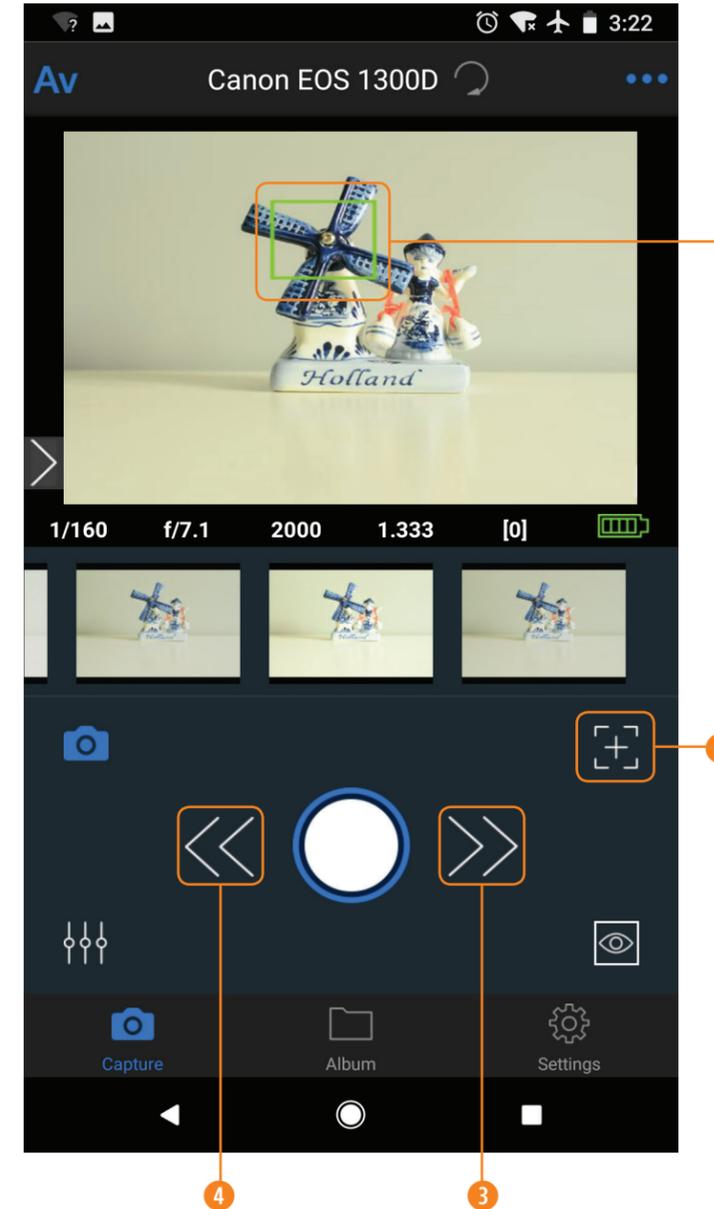❸ Select the settings you wish to load

UPDATING PROPERTIES

To update a previous property with new settings:

❶ Load the property

❷ Change the desired settings

❸ Save the properties

❹ Retain the previous property name

DELETING PROPERTIES

To delete a previously saved property:

❶ Select the Load button in the Properties menu

❷ Select the Delete button

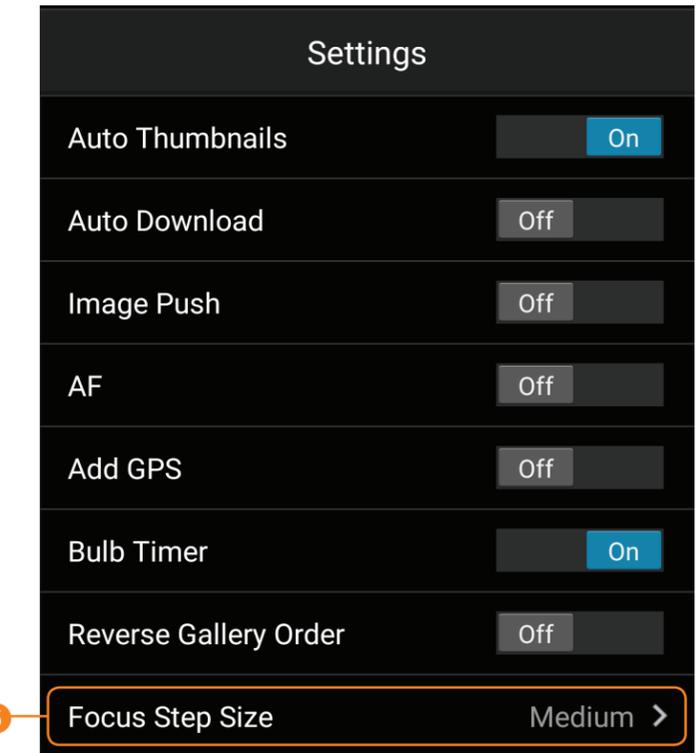❸ Select the Red X next to any saved properties you desire to delete

FOCUS

Case Remote options to change/alter focus:

❶ Touch Focus in Live View

❷ Auto Focus

❸ Decrease Focus

❹ Increase Focus

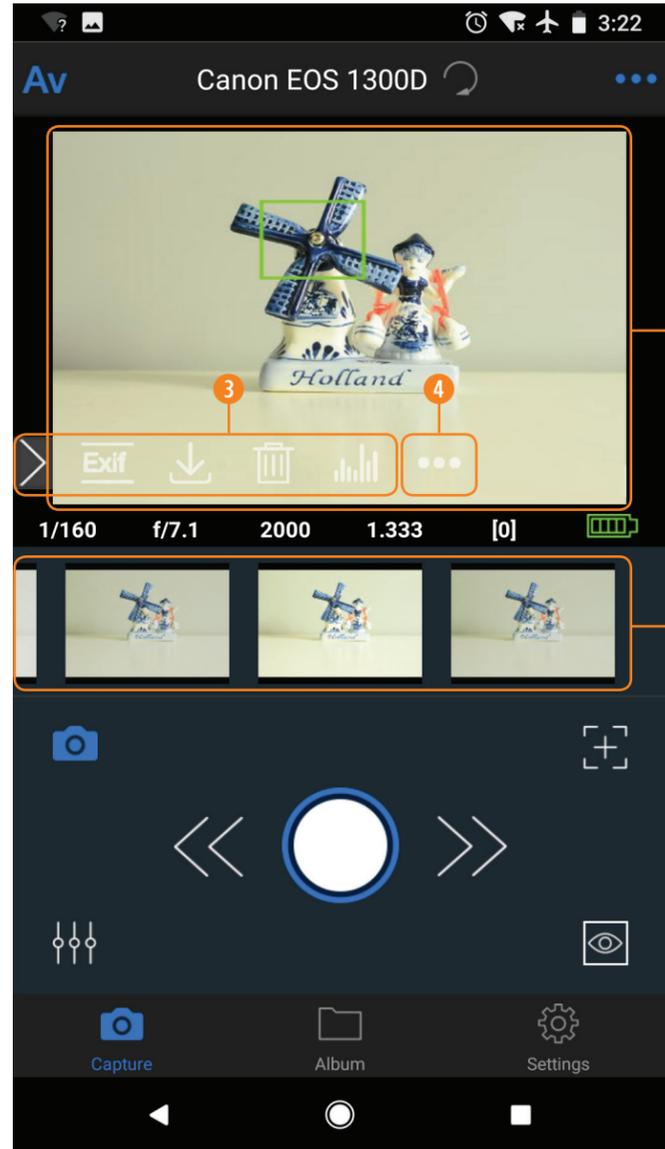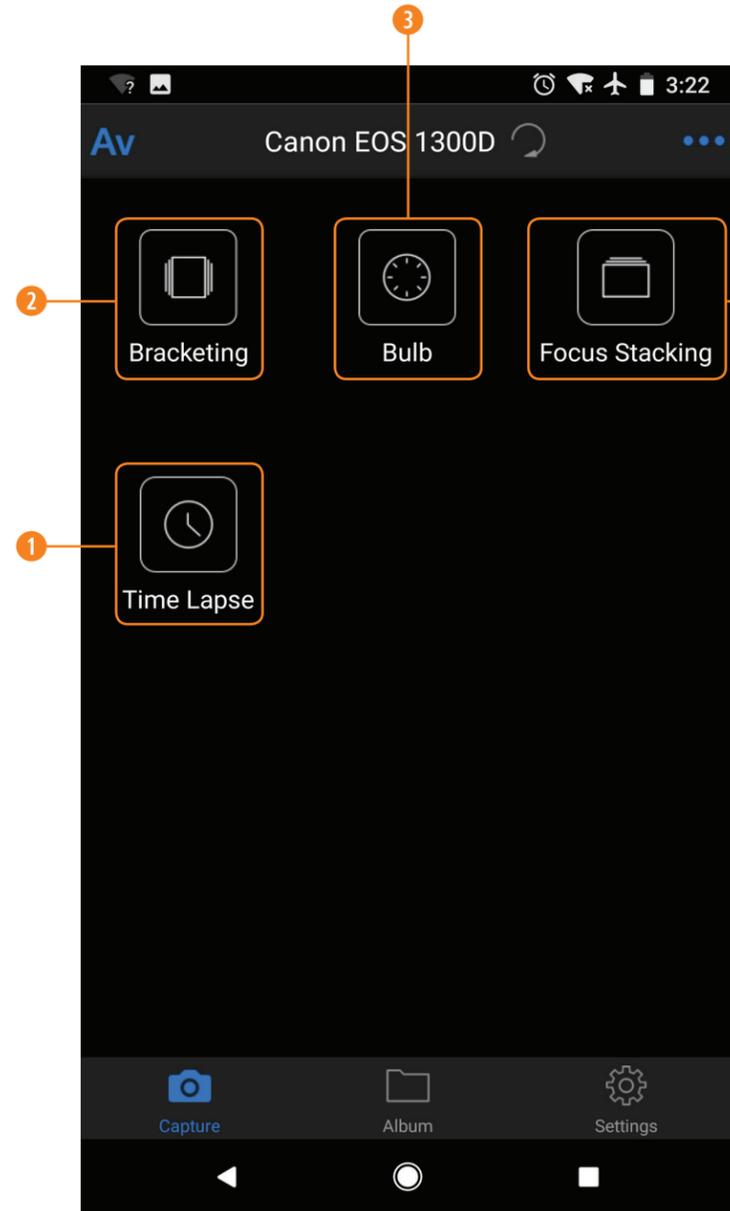## FOCUS STEP SIZE

❺ Focus Step Size

IMAGE REVIEW

While in capture mode, you can review shots taken during the session. By tapping a thumbnail, a low resolution preview will appear in the main viewer.
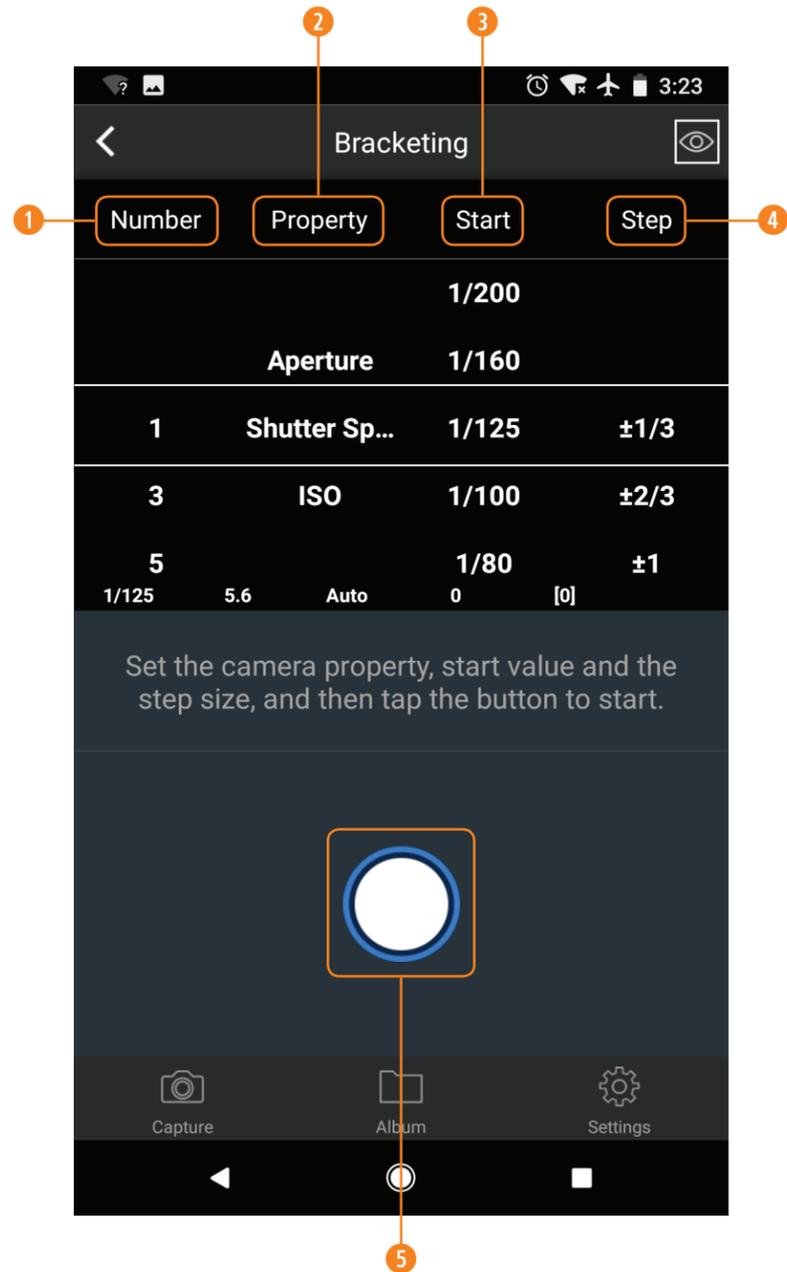
❶ Low resolution image preview

❷ Thumbnails for review

❸ Flyout menu featuring EXIF, download, delete, and histogram

❹ Social media sharing

ADVANCED FUNCTIONS

Press the Advanced Functions Icon or swipe to the left to access your advanced function menu. Here you will be able to access these functions:

❶ Time Lapse

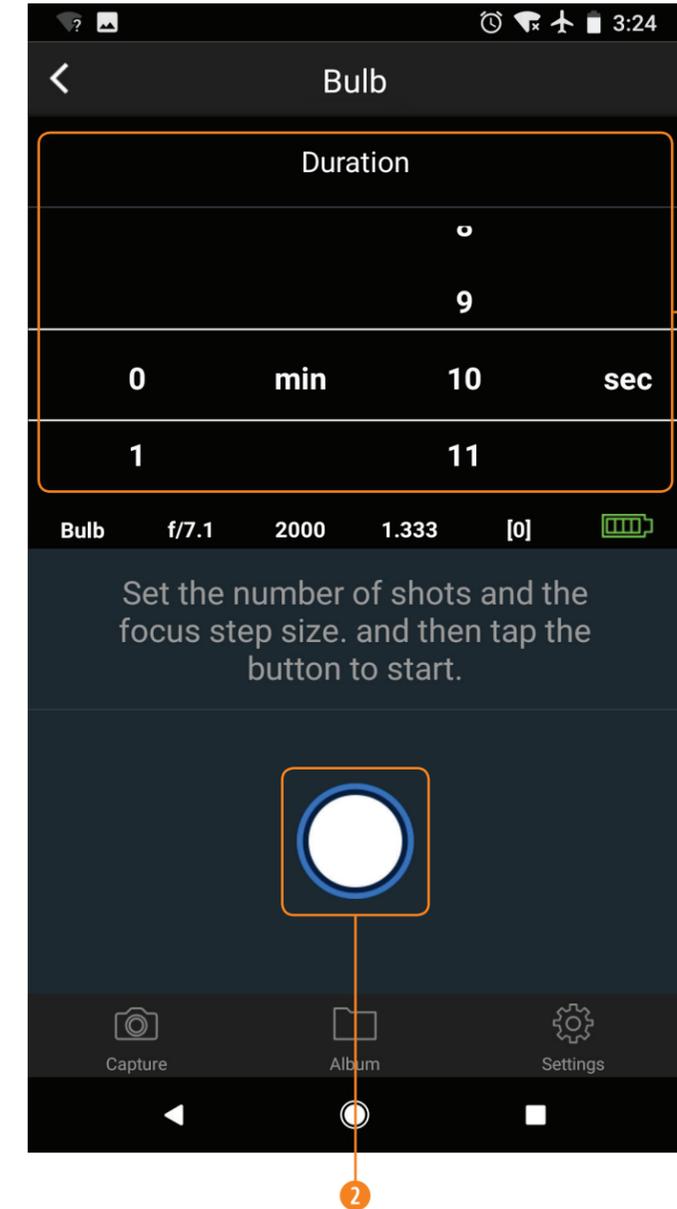❷ Bracketing

❸ Bulb Time

❹ Focus Stacking

BRACKETING/HDR

Bracketing or HDR takes multiple photos; one using the camera's settings, and a series intentionally underexposed, and intentionally overexposed. The images are then combined in post processing into an image with preferred exposure.

HOW TO USE BRACKETING/HDR

❶ Select the desired number of shots
❷ Select the desired method to change exposure (Options depend on camera mode Av, Tv, M)
❸ Select the starting exposure compensation
❹ Select the exposure compensation stepping
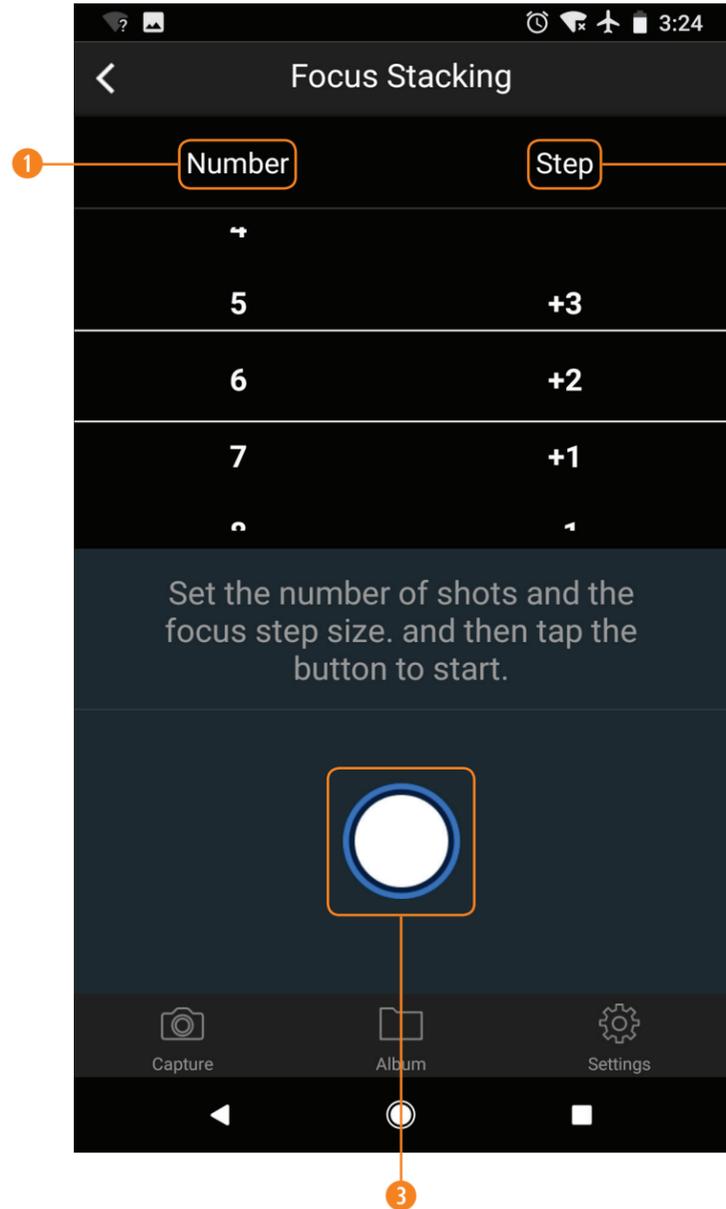❺ Press the shutter button to begin taking shots

BULB TIME

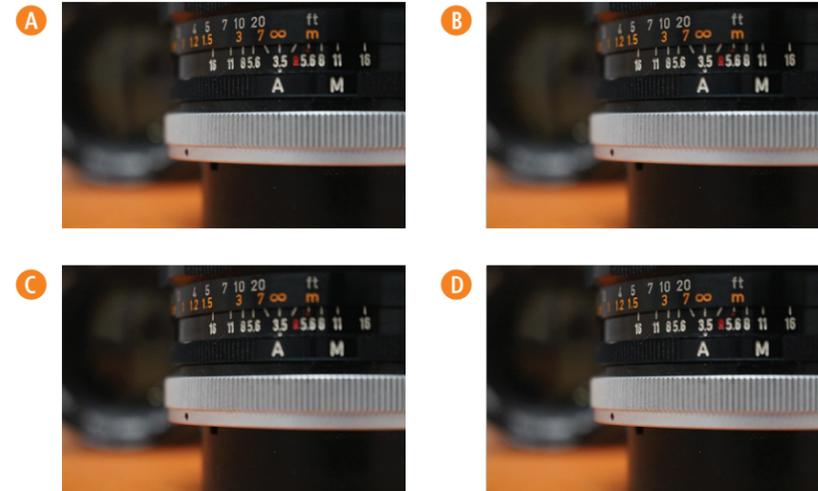Keep your camera's shutter open for a long exposure photo.

HOW TO USE BULB TIME

❶ Set the Duration of your shot
❷ Press the shutter button to begin shot

NOTE: Case Remote App only provides Bracketing/HDR shooting control; it does not provide post processing functions.
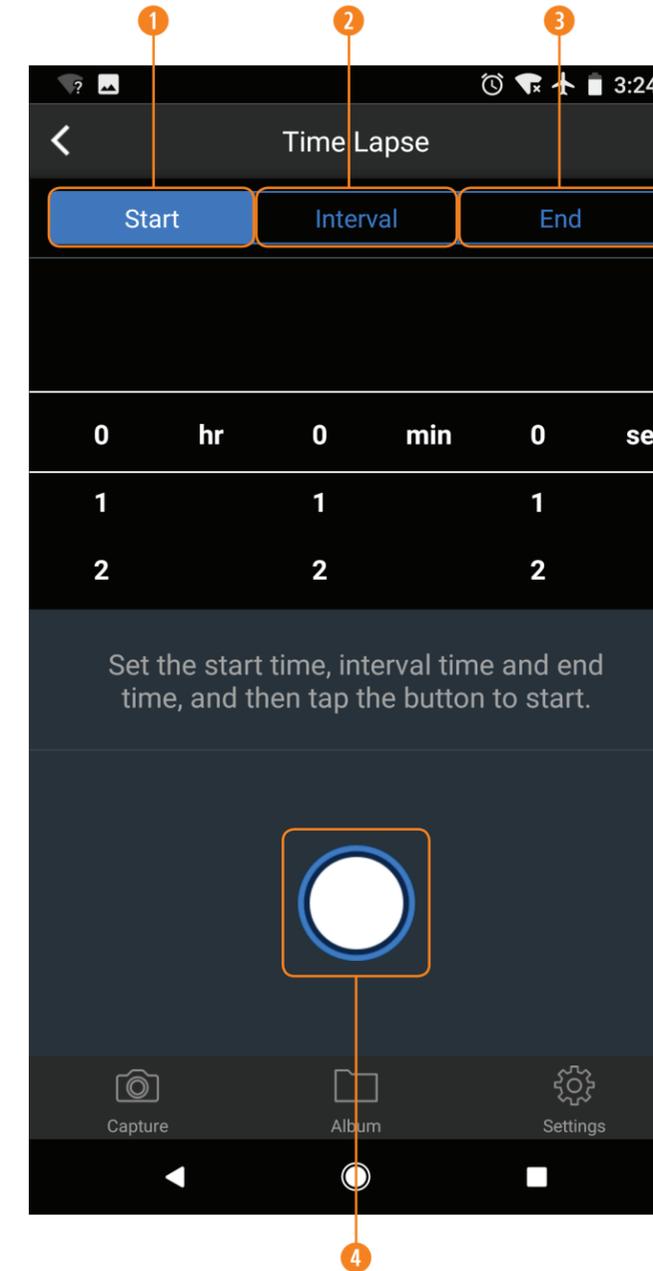
FOCUS STACKING

The Focus Stacking function can be used to take shots of the same view at different focal distances. These images can then be post processed together so that the entire view is in focus.

Ⓐ + **Ⓑ** + **Ⓒ** = **Ⓓ**

HOW TO USE FOCUS STACKING

❶ Select the Number of shots, up to 9.

❷ Select the focal length Steps.
  +1/-1 small step, +2/-2 medium step, +3/-3 large step

❸ Press Shutter Button to start.

NOTE: Case Remote App only provides Focus Stacking shooting control; it does not provide post processing functions.
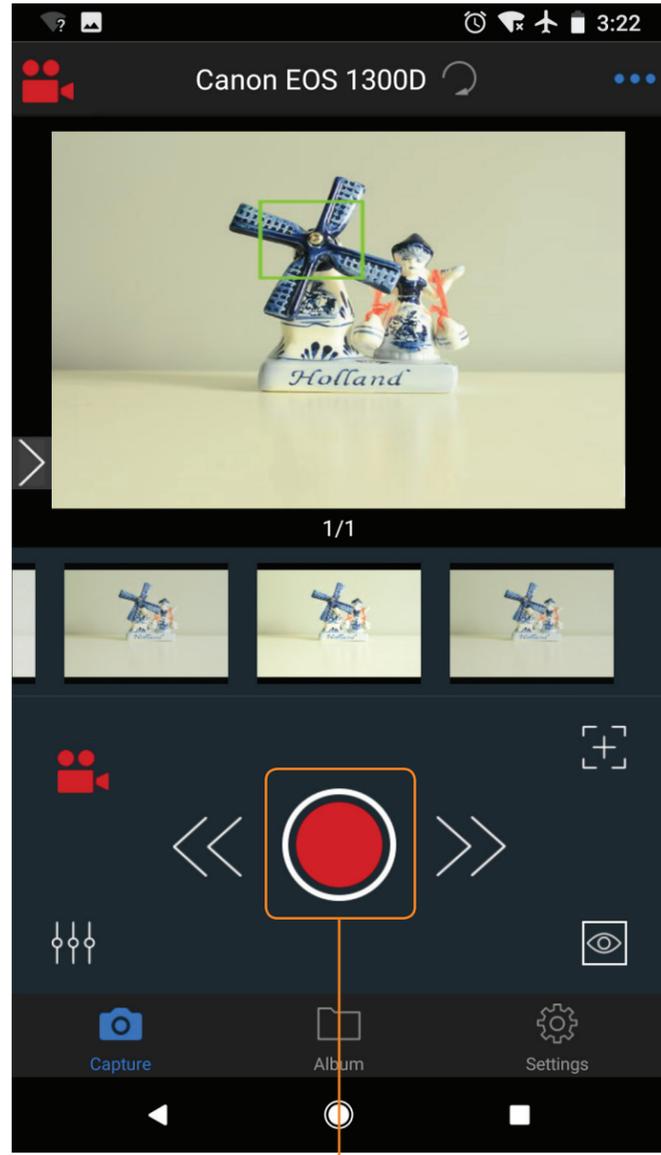

TIME LAPSE

Time Lapse photography takes multiple shots over a determined period of time.

HOW TO USE TIME LAPSE

❶ Select the Start time - the delay after you press the shutter button.

❷ Select the Interval time - the time between each shot.

❸ Select the end time - the time you want the time lapse to finish.

❹ Press the Shutter Button to start. To stop the Time Lapse at any point, press the Shutter Button.

NOTE: Case Remote App only provides Time Lapse shooting control; it does not provide post processing functions.

MOVIE

The Movie Mode in the Case Remote App allows you to capture video and transfer the video to your device – wirelessly.
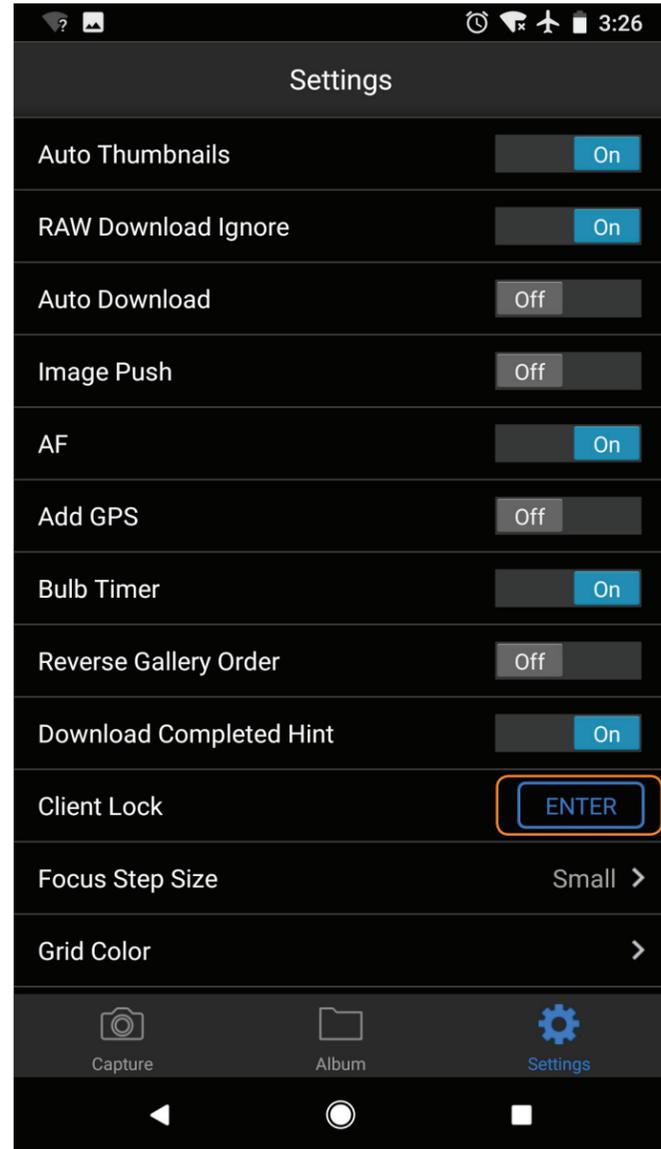
HOW TO USE MOVIE

❶ Press the Shutter Button to begin taking video.

❷ Press the Shutter Button to stop recording.

ALBUM

The Album provides an array of thumbnail images of shots that are stored on your camera's SD card. In the photo album you can download, delete, or review the EXIF information of individual or a selected number of photos.
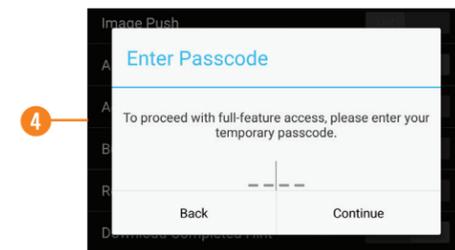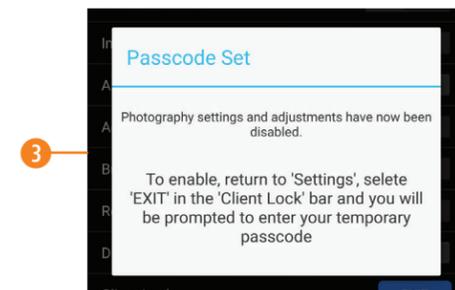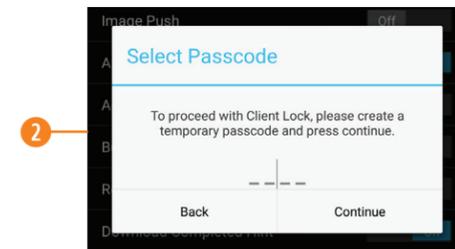
❶ Photos on the phone or tablet.

❷ Select Each vs. Select All.

❸ Photos on the camera's card.

NOTE: Case Remote App only provides Movie shooting control; it does not provide post processing functions.
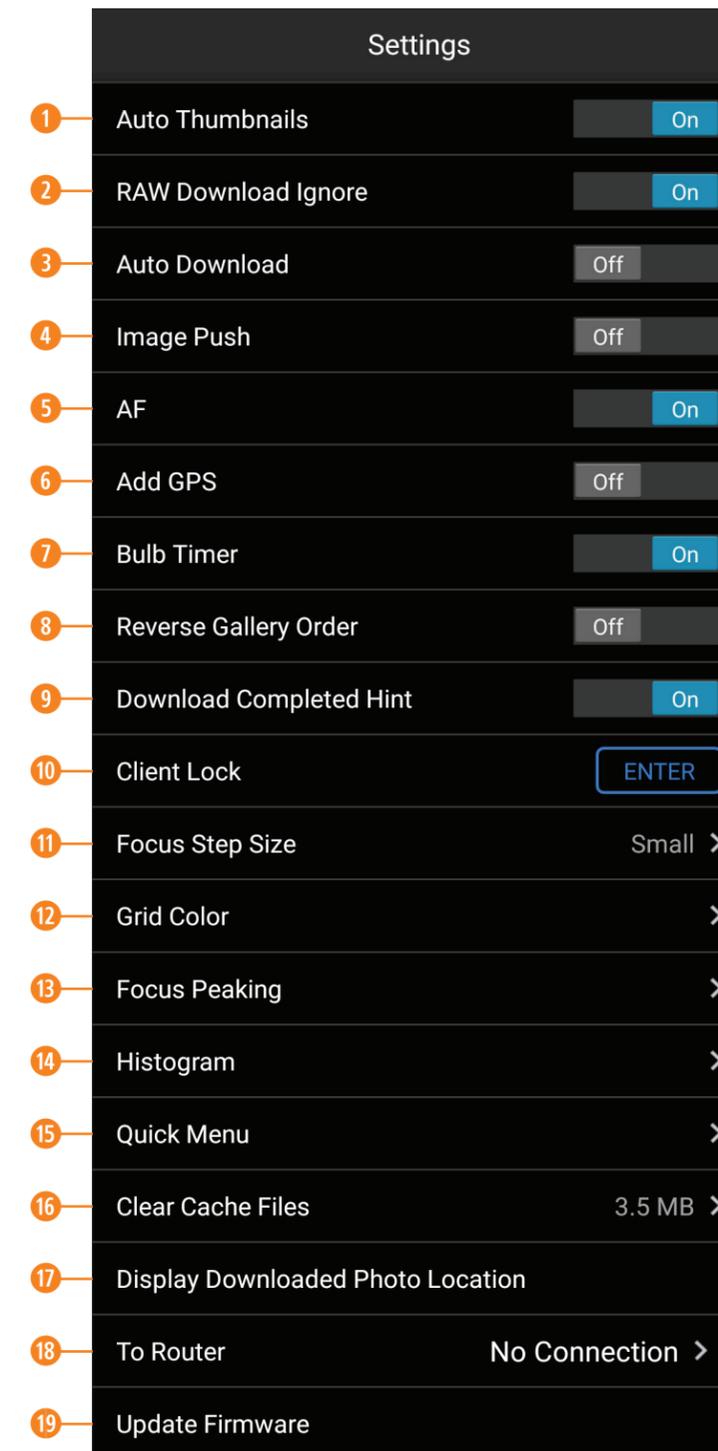
CLIENT LOCK

Client Lock allows you to disable the ability to shoot and change camera settings from the Android phone or tablet. Use Client Lock when you have another person reviewing photos as you shoot. They will be able to see and review images but won't be able to manipulate the camera.

❶ From the Settings tab, tap on "ENTER"

❷ Enter a four digit passcode used to remove Client Lock

❸ A confirmation that your Passcode has been set will appear

❹ To unlock, tap "EXIT" from the Settings tab next to Client Lock. Enter the four digit passcode entered from step 2.

Note: If you cannot remember your passcode, restart the app by tapping the recent applications menu, tap the Case Remote app and swipe it to the right.

SETTINGS

❶ **Auto Thumbnails:**
Automatically shows thumbnail preview after every shot.

❷ **RAW Download Ignore:**
When shooting RAW or RAW+JPG, will not transfer RAW files to device.

❸ **Auto Download:**
Automatically download full size image for review. Does not save into your device or computer. NOTE: Auto Thumbnails must be activated.

❹ **Image Push:**
Open image in the default photo app.

❺ **AF or Auto Focus:**
After pressing the shutter button, the camera will auto focus, then take a photo.

❻ **Add GPS:**
Add GPS information into the photo downloaded to your device.
NOTE: The GPS information is derived from the device, so ensure that you've enabled your mobile device GPS function. Will not work on non-cellular tablets or computers.

❼ **Bulb Timer:**
Enables bulb capabilities.

❽ **Reverse Gallery Order:**
Set how photos are sorted in album view.

❾ **Download Completed Hint:**
Optional "Download Completed" notification.

❿ **Client Lock:**
Prevent camera setting changes and triggering from device.

⓫ **Focus Step Size:**
Set the adjust step for manual focus.

⓬ **Grid Color:**
Enable grid. Green, red or white.

⓭ **Focus Peaking:**
Enable focus peaking. Red, green or blue. High, medium, or low.

⓮ **Histogram:**
Enable histogram. Luma, RGB, or Separate.

⓯ **Quick Menu:**
Determine which settings show in the Quick Menu.

⓰ **Clear Cache Files:**
Removes thumbnails and Auto Downloads from device.

⓱ **Display Downloaded Photo Location**

⓲ **To Router:**
Connect Case Air to internet via router

⓳ **Update Firmware**

If you have any questions or concern while using the Case Air Wireless Tethering System, please email us at customerservice@tethertools.com or call 1-888-854-6565.

TETHER TOOLS   *CASE* Remote