REVEAL
CELLULAR CAMERA
TACTACAM

PRO3

INSTRUCTION MANUAL

TACTACAM.COM

DEER MANAGEMENT SYSTEMS, LLC

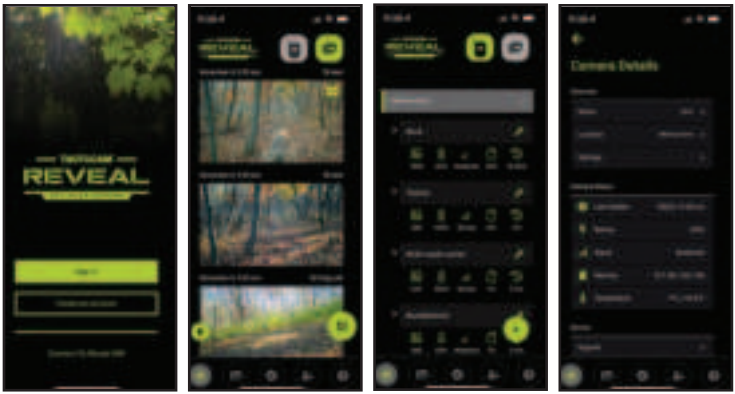
DOWNLOAD THE

TACTACAM REVEAL APP

VISIT YOUR APP STORE TO DOWNLOAD

GET IT ON Google Play

Download on the App Store



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INTRODUCTION

WHAT IS IN THE BOX?

- (1) Trail Camera
- (1) Instruction Manual
- (1) Mounting Strap
- (1) Antenna
- (1) Verizon & AT&T SIM Card

WHAT YOU WILL NEED

- Full-size SD Card - Class 10, U3,
- 16GB-32GB
- Recommended Brands: Tactacam, Lexar, SanDisk
  (Other brands of lower end SD cards are incompatible with the Reveal Pro 3.0 and will yield unexpected results)
- 12 AA Batteries Required - Lithium Batteries recommended in colder temperatures

RECOMMENDED CAMERA ACCESSORIES (NOT INCLUDED)

SD Card

Solar Panel

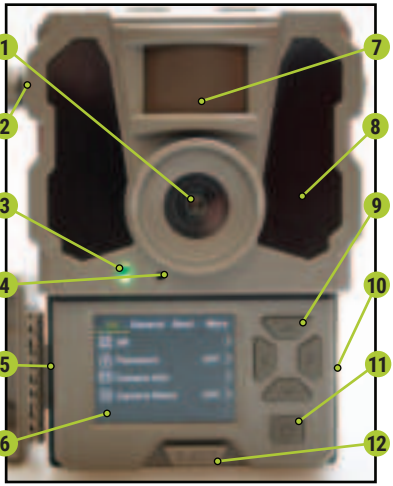
Lockable Security Box

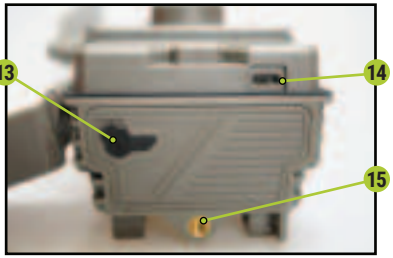
T-Post Mount

Adjustable Camera Stake

VIEW AND PURCHASE ALL ACCESSORIES AT REVEALCELLCAM.COM

1. **Lens**
2. **Antenna**
3. **Camera Working Status Indicator**
4. **Microphone**
5. **SIM Slot** (do not mix SIM's with other cameras)
6. **Display**
7. **PIR Motion Sensor**
8. **IR LEDs**
9. **Navigation Arrows**
10. **SD Card Slot**
11. **Power/Enter**
12. **Battery Eject Button**
13. **External Battery In/DC Port**
14. **USB-C Port**
15. **Tripod/Mount Attachment**

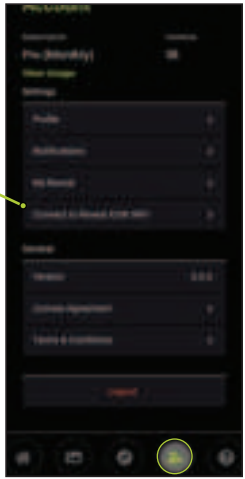




SETTING UP YOUR ACCOUNT

If this is your first Reveal that you are activating, please visit the Reveal Web Portal at **https://account.revealcellcam.com/activation** to set up your account. You can also access the Web Portal directly from your app, by clicking **My Reveal** on the account page in the app.

If you already have a Reveal account with ACTIVE cameras, you can simply log in to your app and add your camera following the instructions on page 8.



DOWNLOADING THE APP

In your Apple or Google Play Store, download the Tactacam Reveal app and sign in using the same email and password you created on the website. **https://account.revealcellcam.com**

ADD CAMERA TO THE APP

1. Navigate to your Reveal app and login using your Reveal account credentials. Click the home icon.
2. Click the camera icon at the top.
3. From the camera page click the (**+**) in the bottom right hand corner.
4. Select the Reveal Pro3 and continue.
5. Follow the in-app prompts to activate your Reveal. Ensure the SIM selected (Verizon or AT&T) mirrors (or is the same as) the SIM card already inserted in the camera.
6. The app will prompt you to scan the QR code located on the display screen.

SMS CONTROLS/ON-SCREEN SETTINGS

Pro 3.0 allows you to fully control your camera settings directly on-screen. Use the keypad to navigate (left, right, up, down, enter) to adjust camera settings. For best results, we recommend leaving the camera settings in the factory programmed

REMOTELY CHANGE THE CAMERA SETTINGS FROM THE APP.

From the camera page click the tool icon to make changes to the cameras settings. Make sure to select “Apply Settings” when done to save your changes.

Note: In cameras SETTINGS > Settings Check, Daily mode will check settings every 24 hours. Hybrid mode combines the battery saving benefits of Daily mode along with the rapid update features of Instant mode. Instant mode will receive settings instantly but will consume more battery.

SENDING A TEST PICTURE

1. Allow the camera to connect to 4G signal. Your signal strength will be displayed on the screen.
   - After your camera is activated, you will see the signal status indicator searching, and then connect showing the signal strength.
   - After the camera has connected, push the power/enter button to send a photograph.

SENDING A TEST PICTURE (CONTINUED)

- When your test picture has been sent successfully, a message is displayed on the screen notifying you.
- If your test picture does not send, a send failure message will display on the screen.

2. As long as your phone picks up a signal, be sure a motion detected picture is sent to your phone via the app. This may take a few minutes.

LEAVING YOUR CAMERA IN THE FIELD

1. Using the display screen on the Reveal, position the camera to your desired focal point.
2. Ensure the antenna is securely tightened.
3. Wipe down the seal, removing any dirt or debris.
4. Hit the left navigation arrow to enter work mode (work mode means the camera is on and will function correctly). From there, your camera will begin sending you photos.
5. As long as your phone picks up a signal, be sure a motion detected picture is sent to your phone via the app. This may take a few minutes.

SETTINGS / SPECIFICATIONS

Camera Mode	Photo; Photo+Video
Day/Night Mode	Daytime: Color, Nighttime: B+W
IR Range	80+ Feet
PIR Angle	45*
Flash	No Glow IR Technology effectively eliminates all visible flash
Operating Keys (2)	1x Power button; Navigation arrows
Lens	F=6mm; F/No=2.0; FOV=60* Auto IR-Cut-Remove (at night)
SD Card	Class 10, U3, 16GB-32GB, minimum 90MB/Sec
Status Indicator	1 LED
Picture Format	JPEG
Video	Optional
Trigger Speed	0.5 seconds
SD Card Loop	Optional
Operation Power	9-12V
Battery	X = 12xAA Cartridge Optional external power source (12V external battery pack or solar panel) - Barrel plug reducer size 4x1.7mm
External DC	12V-2A

Transfer Picture via 4G	Thumbnail images sent to app (Additional data charges may apply)
Request HD Photo and Video via 4G	Only in supported locations (Additional data charges may apply)
Upload Frequency/Send Type	Instantly (Timely) 4 hours / 12 hours / 24 hours
4G Communication	LTE wireless
4G Antenna	1 Antenna
Device Serial No.	Yes
Interface	LTE, USB, and SD Card
Mounting	Strap; Tripod (not included)
Operating Temperature	-25*C to 60*C -13F to 140*F
Operation Humidity	5% to 90%
Waterproof rating	IP66
Dimensions	3.62”x4.13”x5.47”
Weight	About 0.95lb
Certification	FCC RoHs

PROPER CAMERA PLACEMENT

1. Location and placement is critical for best camera performance.
2. Avoid hanging the camera on small trees that are prone to moving with the wind.
3. Place the camera about waist height on the tree or post.
4. We recommend having the camera pointing down about 7 to 15 degrees, We recommend using shims to achieve the desired angle.
5. To achieve the best lighting conditions, face your camera north. Always avoid facing your camera toward the sun.
6. If the camera is placed too high on a tree and angled down, the field of view “window” becomes much smaller, so this is only a good idea if you plan to set your camera to watch a bait station or scrape.
7. On a food plot:
   - Camera height and angle is critical to get the widest field of view. Do not place camera too high.
8. On a trail:
   - For the best view place your camera at an angle looking up or down the trail rather than perpendicular to the trail.

BATTERIES AND CELLULAR TRAIL CAMERA PERFORMANCE

1. Use the recommended batteries for the Reveal:
   - Energizer Lithium batteries
   - Duracell Max Alkaline batteries
   - Rayovac UltraPro Alkaline batteries
2. In cold weather, use lithium ion batteries for best camera speed and performance.
3. Expected picture count with the proper batteries (in greater than freezing temps) are:
   - Lithium: 4,000+ pictures
   - Alkaline: 2,500+ pictures
4. If connecting the Tactacam External Solar Panel (sold separately), the lithium batteries would act as a backup power source.

CAMERA SENDS PICTURES OF NOTHING

Motion sensors (PIR sensors) are actually heat and motion sensors. This is why on a hot and windy day, people get false triggers. People and animals are not the only objects that will trigger your camera; vegetation and precipitation can act as a moving target as well.

1. Be sure to clear any low hanging tree branches, brush, and weeds from the field of view, 5-10 yards in front of the camera.
2. Motion sensitivity recommendations:
   - Set to High to start, and decrease sensitivity if you're getting too many false triggers. 9 being the highest and 1 being the lowest.

NIGHT VISION FLASH RANGE DOESN'T MEET EXPECTATION

1. Check to make sure that batteries are fully charged.
2. "Max Range" offers better IR flash range. Given IR flash range values are based on max range setting; adjust Night Mode to Max Range for better night vision flash range.
3. High quality 1.2V NiMH rechargeable AA batteries can also offer improved IR flash range. Note: If your camera will be used in cold weather, we do recommend lithium batteries to deliver consistent results.
4. Certain surroundings (like trees, walls, ground, etc.) within flash range can deliver you better night time images. To improve night images do not aim camera in an open field where there is nothing to reflect the IR flash back.

TO HELP PREVENT THEFT OR DAMAGE

Use a protective security box such as the one listed at ***www.revealcellcam.com***

CAMERA STOPS TAKING IMAGES OR WON'T TAKE IMAGES

1. Make sure that the SD card is not full. If the SD card is full, the camera will stop taking images. Users can turn on SD Loop to avoid such problems. This will cause the SD card to overwrite older images.
2. Make sure that alkaline or NiMH-AA batteries have enough power for the camera to work.
3. Format the SD card with the camera before using or when the camera stops taking images.

INTERNAL CONDENSATION ON LENS

The Reveal is IP66 rated waterproof. This means the camera is water resistant against powerful jets. The only way the Reveal can get condensation in or behind the lens is if the antenna is not screwed in all the way, or if there is dirt or debris on the seal. Follow these at home instructions to alleviate this issue if need be:

- Pull the SD card out and let the camera sit for 3-4 days open, in an area where there is circulating air (fan or vent).
- You can also put in a sealed container with rice for 24 hours to draw out the moisture.
- Clean the seal well and tighten your antenna.
- Place back out in the field.

IF THE CAMERA HAS ACCIDENTALLY BEEN SUBMERGED IN WATER

1. Do not open the camera right away.
2. Be sure to dry the outer housing of the camera, preventing water from entering the inside of the camera and causing internal damage.

HOW LONG DOES THIS COVERAGE LAST?

1. One year from the date of purchase.
2. Be sure to register your Reveal under warranty at ***www.tactacam.com/warranty***

WHAT IS COVERED?

1. This limited warranty covers: manufacturer defects in materials and workmanship including but not limited to:
   - Defective buttons
   - Cracked/chipped glass lens
   - Broken SD card or SIM card spring mechanism
   - Broken USB port
2. Covered cameras will either be repaired by a certified camera technician, or replaced.

WHAT IS NOT COVERED?

1. This limited warranty does not cover any damage caused by the owner modifying, attempting to fix, or otherwise altering the product.
2. This limited warranty excludes damage caused by people or animals, including but not limited to: antenna, strap, Fresnel lens, glass lens, or camera housing.

   If damage is caused to the camera by the owner or animal, contact customer support for repair options.

Federal Communications Commission - Part 15

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communications Commission rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may note cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

DO NOT RETURN THIS PRODUCT TO YOUR RETAILER

PLEASE CALL

218-282-5650

OR

EMAIL

SUPPORT@TACTACAM.COM

For any warranty issues or questions on how to film your hunts with Tactacam.

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REVEAL
PRO3

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