

TACTACAM™ **REVEAL**
CELLULAR CAMERA



INSTRUCTION
MANUAL
REVEALCELLCAM.COM

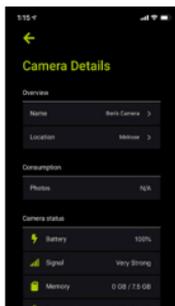
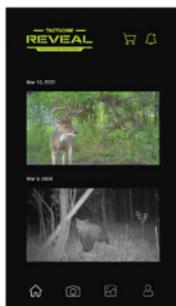
GETTING TO KNOW YOUR REVEAL

REVEAL APP DOWNLOAD



REVEAL APP

FREE DOWNLOAD



TACTACAM

REVEAL

CELLULAR CAMERA

DOWNLOAD THE
TACTACAM REVEAL APP
VISIT YOUR APP STORE TO DOWNLOAD



WWW.REVEALCELLCAM.COM

CONTENTS

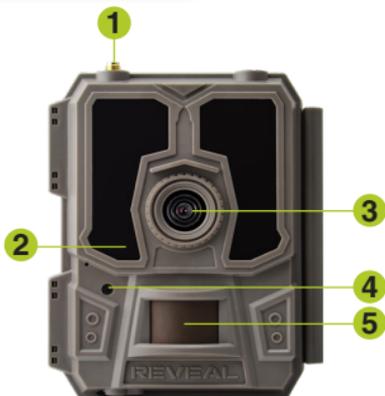
Contents	2
1. Introduction	3
1.1: Front view	3
1.2: Bottom view of camera	4
1.3: Internal, side view of camera	4
2. Quick Start	5
2.1: What is in the box	5
2.2: Get camera and APP ready	5
2.3: Add camera to the APP account	5
2.4: Start using	6
3. Camera Settings	7
4. Specification	10
5. Trouble Shooting	11
5.1: Photos do not capture subject of interest	11
5.2: Camera stops taking images or won't take Images	11
5.3: Night vision flash range doesn't meet expectation	11
6. Warranty	12

GETTING TO KNOW YOUR REVEAL

REVEAL INTRODUCTION

FRONT VIEW

- 1 Antenna
- 2 30 IR LEDs in Total
- 3 Lens
- 4 Light Indicator
Light Sensor (day/night)
- 5 PIR Sensor



BOTTOM VIEW OF CAMERA

- 1 Tripod attachment
- 2 External battery in
- 3 USB Port



INTERNAL, SIDE VIEW OF CAMERA

- 1 SIM Slot (Golden Part Faces Front Housing Side)
- 2 LCD Screen
- 3 Menu button
- 4 SD card slot
- 5 Power switch
(On/Off/Setup Test Mode)
- 6 Navigation buttons/
OK button
- 7 Battery slot



REVEAL QUICK START GUIDE

REVEAL FEATURES & BENEFITS

WHAT IS IN THE BOX

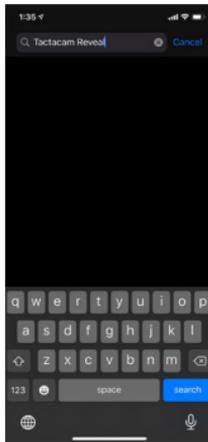
Trail camera x 1 Instruction manual x 1 Mounting strap x 1 USB cable x 1

GET CAMERA AND APP READY:

1. Search "TACTACAM REVEAL" in the App Store / Google Play, download and install the APP on your smart device.

2. Please use a valid email to create an account, then activate the account by clicking the email you receive, and log in.

Install camera's antenna, Class 10 SD card (up to 32GB) and 12 - AA batteries.

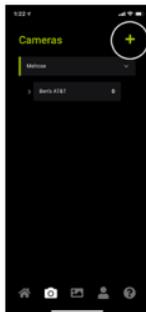


ADD CAMERA TO THE APP ACCOUNT:

1. In the APP under Camera click the (+) button to select a Data Plan and add your first camera.

2. Select the data plan for your camera and enter in your payment info.

APP



GETTING TO KNOW YOUR REVEAL

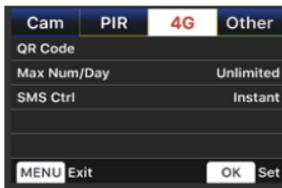
REVEAL FEATURES & BENEFITS

3. Turn the camera to "Set up", then choose "4G >>> QR Code" to get the camera's QR code.

4. With your Reveal app scan the camera's QR code on the camera's LCD screen, enter camera's name and location and add the camera to your account.

5. Press the menu button three times to return to main screen and for your camera to activate. This may take 3 to 5 minutes.

CAMERA



APP



START USING

1. Turn "OFF" the camera, and select "SET UP", wait till the camera connects to a 4G signal (shown on camera screen).

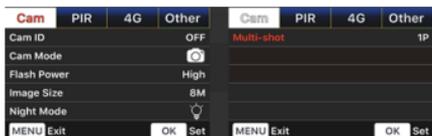
2. Press "OK" on the camera to take a manual photo, photo will be sent to your APP.

3. Turn camera to "ON", camera indicator light will flash 5 times, then the camera will be in auto-detecting mode.



GETTING TO KNOW YOUR REVEAL

CAMERA SETTINGS



Cam Settings (Default settings are noted in red)	
Settings	Programmable Options
Cam ID	ON/OFF Select "ON", press "OK", to set 4 digits/ alphabets for each camera. Such function can help user to identify where photos are from and which camera.
Cam Mode	Photo: camera shoots photos only based on configured Multi-shot & Image Size; Full resolution images will be stored on your local storage. Thumbnail photos will be sent to the APP.
Flash Power	High / Low High: all IR LEDs will work in dark environment; Low: Half of the IR LEDs will be turned off.
Image Size	8MP (3264x2448), 12MP (4032x3024), 24MP (5632x4224)
Night Mode	1) Min. Blur: Short exposure time to minimize motion blur for better image quality 2) Max. Range: Longer exposure time to extend IR flash range for better night vision; lower image quality; 3) Balanced: Combination of above 2 options;
Multi-shot	Programmable 1 to 5 photos per trigger (Camera transmits the second image of sequence and saves the rest to SD card.)

GETTING TO KNOW YOUR REVEAL

CAMERA SETTINGS



PIR	
Settings	Programmable Options
Sensitivity	High, Middle, Low, OFF Higher sensitivity is 1) more sensitive to movements by smaller subjects; 2) longer detection distance; 3) easier for sensor to detect difference between body heat and outdoor temperature; 4) easier to trigger camera to record. In high temperature environment, body heat of subjects and environment temperature is hard to tell by camera, suggest setting High. When set on OFF, it means the camera will stop taking pictures upon trigger.
Delay	ON/OFF Select "ON", press "OK", to set a time interval that you desire between photos upon motion. This option avoids the camera from taking too many photos. Example: Camera will wait 1 minute between photo recordings with motion if pre-set time interval is 00:01:00 Configurable delay time: 00:00:05~23:59:59. Note: Time Lapse and Delay cannot be set simultaneously!
Time Lapse	ON/OFF Select "ON", press "OK", to set the interval; PIR sensor of camera will be turned off; camera will shoot pics automatically upon the interval user set. Configurable interval: 00:00:05~23:59:59. Note: Time Lapse and Delay cannot be set simultaneously!
Working Timer	ON/OFF Select "ON", press "OK", to set the beginning time and end time (hour/minute); camera will only work during the time period user set. i.e.: 15:00 – 18:00; camera only works during 15:00 – 18:00

GETTING TO KNOW YOUR REVEAL

CAMERA SETTINGS

Cam	PIR	4G	Other
QR Code			
Max Num/Day		Unlimited	
MENU Exit OK Set			

Cam	PIR	4G	Other
Language		En	
Date/Time		Reset	
Battery type		About	
SD Loop		ALK	
Password		ON	
		OFF	
MENU Exit OK Set			

4G settings	
QR Code	You may use the APP to scan the QR code to register the camera into your account.
Max Num/Day	Default: unlimited; Optional: 1 to 99 i.e.: user chooses 50, then the camera will only transmit 50 pictures every day. All the other photos will only be stored to the SD card.

Other	
Language	English...
Date/Time	Month : date : year; hour : minute : second Note: Please adjust camera date/time to ensure All functions work as expected.
Stamp	Imprints of programmed camera ID, moon phase, temperature, date, and time on photo
Battery Type	Alkaline/ NI-MH/Lithium Choose the correct battery type for best battery performance.
SD Loop	ON/OFF Select "ON", press "OK", camera will continue to record photos by deleting the earliest photo.
Password	Select "ON", press "OK", to enable password protection for your camera; support a maximum of 6 digits/ alphabets long password access.
Reset	Select "Yes" to reset camera back to factory default settings.
About	Firmware version in camera (Version: / IMEI: / MCU: /ICCID:)

GETTING TO KNOW YOUR REVEAL

SPECIFICATION

Camera Mode	Photo
Picture size	8MP/12MP/24MP = 3264x2448/4032x3024/5632x4224
Picture Format	JPEG
Day/Night Mode	Yes
IR range	96+ feet
IR LED	30 pcs IR LEDs
Memory	SD Card Class 10 (4GB – 32GB)
Operating keys	7
Lens	F=6mm; F/No=2.0; FOV=60° Auto IR-Cut-Remove (at night)
LCD Screen	2.4" TFT, RGB, 262k
PIR distance	96+ feet
PIR Angle	52°
Multi-shot	1P-5P
Trigger Time	0.5s
Device Serial No.	Yes

GETTING TO KNOW YOUR TACTACAM:

SPECIFICATION

Time Lapse	Yes
SD Loop	ON/OFF
Operation Power	Battery: 9V; DC: 12V
Battery Type	12AA
External DC	12V
4G communication	LTE wireless
Stand-by Time	5~8 months (6×AA~12×AA)
Auto Power Off	In Test mode, camera will automatically power off in 3 mins if there is no keypad touching.
Interface	USB/SD Card/DC Port
Mounting	Strap; Tripod
Operating Temperature	-13°F to 140°F
Storage temperature	-22°F to 158°F

GETTING TO KNOW YOUR REVEAL

TROUBLESHOOTING

PHOTOS DO NOT CAPTURE SUBJECT OF INTEREST

1. Check the "Sensor Level" (PIR sensitivity) parameter setting. For warm environmental conditions, set the sensor level to "High" and for cold weather use, set the sensor level for "Low".
2. Try to set your camera up in an area where there is not a heat source in the camera's line of sight.
3. In some cases, setting the camera near water or moving objects will trigger the camera and have no subjects in them. Try aiming the camera over ground or place with no moving objects in its path.
4. Try to avoid setting the camera up on small trees that are prone to move by strong winds.
5. Remove any limbs that are right in front of the camera's lens.

CAMERA STOPS TAKING IMAGES OR WON'T TAKE IMAGES

1. Please make sure that the SD card is not full. If the SD card is full, the camera will stop taking images. User can turn on Cycle Recording to avoid such problems.
2. Make sure that alkaline, or NiMH AA batteries have enough power for the camera to work.
3. Make sure that the camera power switch is in the "On" position and not in the "Off" or "Test" mode.
4. Please format the SD card with the camera before using or when camera stops taking images.

NIGHT VISION FLASH RANGE DOESN'T MEET EXPECTATION

1. Please 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; so please 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. Alkaline batteries cannot deliver enough amperage to power the illuminator consistently at night.
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; it's like shining a flashlight into sky at night, you just can't see anything.

FCC REGULATIONS



FCC 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 (FCC) 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 not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

GETTING TO KNOW YOUR REVEAL

**DO NOT RETURN
PRODUCT TO YOUR
RETAILER**

PLEASE CALL
844-482-2822

OR

EMAIL
SUPPORT@REVEALCELLCAM.COM

for any warranty issues or help filming
your hunts with TACTACAM!

REVEAL

CELLULAR CAMERA

TACTACAM

