

EXODUS RENDER

USER MANUAL



THANKS!

First and foremost... If you're reading this, you bought the Render 4G, which means that you've supported us in our mission to build a better hunting industry company! We want to give you an extremely gracious and humble "thank you" for your business! In this manual, we're going to go over everything you need to know to get the most out of your camera for many years to come.

You can also find technical articles on our blog at www.exodusoutdoorgear.com/blog/news and informative videos on our YouTube channel or on our podcast *Trail Cam Radio*.

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CONTACTING EXODUS

For Camera related inquires and support, you can **contact us by texting OR calling the office at 330-367-7598** during normal business hours (Mon.-Fri. 9AM - 5PM EST). You can also reach out via email to info@exodusoutdoorgear.com

CONTACTING SCOUTEK

For mobile app, desktop software, billing, data related inquires and support, you can **contact us by texting OR calling the office at 706-407-4527** during normal business hours (Mon.-Fri. 10AM - 5PM EST). You can also reach out via email to support@scoutek.com.

For more in-depth support, please reference our YouTube Channel, Exodus Trail Cameras and look for the Exodus Render Playlist.

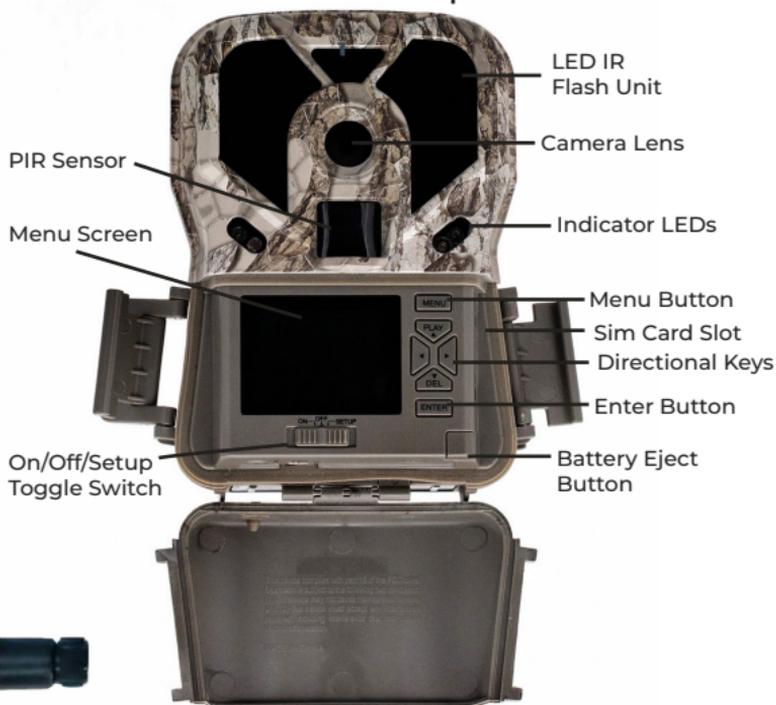
FCC ID -2APP9-RENDER4G

Model # -4GV10018

Model Name - Exodus Render 4Gv

Wireless Antenna

Antenna Threading





Door Lock

1/4 x 20 Mounting Adaptor



BUTTON FUNCTIONALITY/ NAVIGATION

ON/OFF/SETUP SLIDER SWITCH:

- On sets the camera into the startup countdown.
- Off shuts the camera down.
- Setup turns the camera into preview/setup mode

MENU KEY:

- Preview Mode: Opens the camera's user menu of setting options (Setup Mode)
- Setup Mode: Cancel/Enter setting options and/or exit camera menu.

DIRECTIONAL KEYS:

- Preview Mode: ▲ Enters Playback mode.
- Playback Mode: ◀ ▶ Move through photos/videos.
- Setup Mode: ▲ ▼ ◀ ▶ Navigate the user menu and changing values inside of menu options.

ENTER:

- Preview Mode: Take test photo/video.
- Playback Mode: Delete photos/videos
- Setup Mode: Select/save setting values.

SETTING UP THE EXODUS RENDER

Note: We recommend that you create a Scoutek account and activation of the device at home rather than in the field if possible.

1. Open the camera door, with the power switch OFF press the battery tray release button in the bottom right hand corner of the camera interface. Install 8 Lithium AA batteries. Re-insert the battery tray until you hear it “click” into place. For additional battery life and extended field use of the device we recomomend adding our external power source product the Exodus SP18.
2. Insert SD card until you hear a slight click as it locks into place. Refer to the card symbol above the card slot for orientation. We recommend up to a 64GB Sandisk card, no higher than a speed class 10.
3. Insert Sim card, if not already installed. If a Sim card is needed they are available for purchase at www.exodusoutdoorgear.com or contact Exodus customer service.

4. With the rubber gasket between the base of the antenna and male connector, screw the antenna onto the camera. The gasket must be in place to prevent moisture ingress and lack thereof will default manufacturers warranty. Be sure the antenna is screwed all the way down hand snug. DO NOT OVER-TIGHTEN.

5. Turn the camera power switch to the “Setup” position. Press the Menu button. Inside the user interface format your SD card. To enable cellular capability turn “WIRELESS NETWORK” to “ON”.

6. Using the Scoutek mobile application or website activate the camera. For more details on this please read the **Activating The Exodus Render** portion of the user guide.

7. Pick a location and mount the camera via the included strap or a 3rd party mounting system. We recommend setting the camera up within 20'-25' of where you think the target will be. For our favorite setting options and some of our ideas on camera setup locations, strategies, and methods, visit our blog at www.exodusoutdoorgear.com, our YouTube channel, or tune into our podcast Trail Cam Radio.

8. When you are happy with the setup, slide the camera to the “ON” position. The camera will start a 30 second count down, upon completion a red and blue indicator light will blink on right side of the camera when armed.

9. When leaving the camera field location for the first time we strongly recommend to verify activation, signal strength, and data transmission through the Scoutek mobile app.

ACTIVATING THE EXODUS RENDER:

Note: A Scoutek account is required to activate the device, receive photos/videos, and have OTA controls of the device. Cellular service/signal is required by the device if you want to have photos/videos delivered to your Scoutek account via mobile device or webportal. Service/Signal strength will play a large part in the performance of the device.

With Scoutek we offer two methods for creating your account and managing your cameras. All steps needed to get you up and running can be done with either our mobile app (Android or Apple) or from our website. Once you have created your account you may use the same email/password to log into either one.

WEBSITE

CREATE A SCOUTEK ACCOUNT:

- Go to www.scoutek.com/register to create a new account.

OR

- Go to www.scoutek.com/login to sign in with an existing account or use an existing social account.
- Once you have created a new account you will be required to verify your email address.

REGISTER A CAMERA:

- Click the link to **Register Camera**.
- On your Render camera, make sure the batteries, SD card, SIM card and antenna are all installed properly and switch camera to **Setup** position.
- Press the **Menu** button and change the camera setting **Wireless Network to ON**.
- Wait about 10 - 20 seconds then select the camera menu **Camera Info**. If the values are blank then press the Menu button to back out, wait a few more seconds then select Camera Info again.
- On the **Register Camera** screen in **Scoutek**, select the camera model, camera name and enter the information which is displaying on the camera screen then click the **Register** button at the bottom.
- Once you have successfully registered a camera, you will be taken to **My Account** automatically to activate it.
- If you have multiple cameras and wish to activate them you may wish to register all of them first by repeating these steps for each camera before continuing to the Activate a Camera process.

ACTIVATE YOUR CAMERA:

- In Scoutek open the side menu on the left and select **My Account**.
- If this is the first time you have activated a camera be sure to select a **Share Plan**. Select a reasonable amount of data you expect your camera(s) to need. This is the amount of data that is shared across all cameras and can be changed at a later time.
- Look in the **Inactive Cameras** section and select **ACTIVATE** for each camera you wish to activate.
- Once all cameras to be activated have been selected, click the **Checkout** button and follow each step of the checkout process.
- After the payment has been made it may take from 5 – 15 minutes for Verizon to complete the activation. Once that is complete, cycle the camera off/on and you should be ready to start receiving photos.

MOBILE APP

CREATE A SCOUTEK ACCOUNT:

- Go to the Google Play Store or Apple App Store, search for “Scoutek” and install the app.
- Launch Scoutek and click Sign Up to create an account, or for an existing account enter your credentials and click Sign In.
- Once you have created a new account you will be required to verify your email address. Click the verify button in your email. This will launch the website in a mobile browser. Sign into the website and now you can close the browser and continue using the app by clicking Continue.

REGISTER A CAMERA:

- Click the **Register New Camera** button.
- On your Render camera, make sure the batteries, SD card, SIM card and antenna are all installed properly and switch camera to **Setup** position.
- On your camera, press the **Menu** button and change the camera setting **Wireless Network** to **ON**.
- Wait about 10 - 20 seconds, then select the camera menu Camera Info. If the values are blank, press the Menu button to back out, wait a few more seconds then select **Camera Info** again.

- On the **Register Camera** screen in **Scoutek**, select either **Automatic Registration** or **Manual Registration**.
- For **Automatic Registration**, use your mobile device's camera to capture the information displayed on your Render camera's screen. Once the values have been captured and input into their corresponding fields, enter a camera name and click the **Register Camera** button.
- For **Manual Registration**, select the Render camera model, enter a camera name and enter the information which is displaying on the camera screen then click the **Register Camera** button.
- Once you have successfully registered a camera, you will be taken to **My Account** automatically to activate it.
- If you have multiple cameras you wish to register and activate, you may register all of them first by repeating these steps for each camera before continuing with the Activate a Camera process.

ACTIVATE YOUR CAMERA:

- If you were not automatically taken to **My Account**, in Scoutek on the home screen, open the side menu on the left and select **My Account**.
- If this is the first time you have activated a camera be sure to select a **Share Plan**. Select a reasonable amount of data you expect your camera(s) to need. This is the amount of data that is shared across all cameras and can be changed at a later time.

- Look in the **Inactive Cameras** section and select **ACTIVATE** for each camera you wish to activate.
- Once all cameras to be activated have been selected, click the **Checkout** button and follow each step of the checkout process.
- After the payment has been made it may take from 5 – 15 minutes for Verizon to complete the activation. Once that is complete, cycle the camera off/on and you should be ready to start receiving photos.

MENU OVERVIEW:

To get to the menu, turn the power switch right to the “Setup” position. Once the camera powers on you will see a live view from the camera’s lens with several icons on the very top of the screen and battery life on the bottom. The icons from left to right indicate MODE, IMAGE SIZE, CELLULAR SIGNAL STRENGTH, UPLOADING/DOWNLOADING STATUS, PHOTOS TAKEN/CAPACITY (SD card).

- To cycle through the Render 4G’s menu options use the ▲ ▼ keys.
- To change menu options press enter to select menu option shown on the screen highlighted in red.
- To change menu option feature use the directional keys. Press enter to select and save desired change.

MENU SETTINGS OVERVIEW:

WIRLESS NETWORK				
ON		OFF		
CAMERA INFO				
IMEI	Model	SimID	Reg Code	
UPLOAD INTERVAL				
Real Time	3hr	6hr	12hr	24hr
MODE				
Photo	Video	Time Lapse	Hybrid	
SET CLOCK				
TIME		DATE		
NATIVE IMAGE SIZE				
3MP	5MP	8MP	12MP	
BURST COUNT				
1-9 Photos				
VIDEO SIZE				
1280x720 30 FPS	1920x1080 30 FPS	640x360 30 FPS		

VIDEO LENGTH		
5s-90s Dynamic		
TIME FORMAT		
12 Hour	24 Hour	
TRIGGER DELAY		
15 sec - 59min 59 sec		
TRIGGER SENSITIVITY		
High	Med	Low
IR FLASH RANGE		
High	Med	Low
TIME LAPSE PIR		
On	Off	
TIME LAPSE		
Hour	Min	Sec
OPERATING HOURS		
On	Off	
TIME STAMP		
On	Off	

TEMPERATURE	
Fahrenheit	Celsius
FREQUENCY	
50 Hz	60 Hz
CAMERA NAME	
1 - 13 Characters	
PASSWORD ENABLE	
5 Numbers	
COORDINATES	
On	Off
Latitude	° ' "
Longitude	° ' "
FORMAT	
Yes	No
DEFAULT SET	
Yes	No
FIRMWARE	
Version	Update

WIRELESS NETWORK:

Allows users to enable the cellular capabilities of the camera. Selecting the “ON” option allows the camera to be active over cellular networks and must be in this position to activate. The “OFF” option essentially allows you to use the device without the cellular capabilities.

CAMERA INFO:

Displays information needed to activate your camera. IMEI, MODEL, SIM ID, AND REGISTRATION CODE data are provided here. This information is important and should be readily available prior to customer service inquiries.

UPLOAD INTERVAL:

This setting allows you to select desired upload intervals ranging from real time to 24 hours. Any selection other than real time will allow the camera to upload photos/ videos in a group but still in the order they were taken.

Note: Upload intervals will have a direct impact on battery life with real time having the shortest and 24 hour having the longest.

MODE:

Mode is the basic functionality you want the camera set to. There are four options to chose from.

PHOTO:

In photo mode, the camera captures still images when it is activated by PIR sensor.

VIDEO:

In video mode, the camera captures videos when it is activated by PIR sensor.

TIME LAPSE:

In time lapse mode the camera will take a series of photos at a programmed specified interval throughout the day. As in all Exodus Trail Cameras, you also have the ability to leave the PIR sensor on to capture images inbetween specified time lapse intervals.

HYBRID:

Hybrid mode utilizes both video and photo mode by capturing a photo followed by a video when it is activated by PIR sensor.

SET CLOCK:

In this menu option, you can set the camera's internal calendar/info strip time and date. It is entered in the format of year/month/day.

IMAGE SIZE:

The image size section allows you to set the resolution of the photos the camera takes. You can chose from 3MP, 5MP, 8MP, and 12MP. The size selected is the photo sized saved locally to the SD card before it is compressed for transmission. HD photos downloaded over the Scoutek mobile app or desktop verison will be the size selected.

BURST COUNT:

This is the photo burst selection. You can set the camera to take between 1 and 9 photos per trigger event while in photo mode.

VIDEO SIZE:

When the Wireless Network setting is turned ON, the camera will only record in 640x360 at 30 fps. When the Wireless Network setting is turned off, there are two options, 1280x 720 30FPS or 1920x1080 30FPS.

VIDEO LENGTH:

Video length can be customized from 5 secs to 90 secs but will remain dynamic. Dynamic video is controlled by the PIR sensor and will only allow the camera to record video when it senses an object in the detection area and will remain recording until the object is out of the detection area or a 90 sec max is reached.

TIME FORMAT:

In this menu option, you can set the camera's internal clock/info strip time format between AM/PM 12 hour format or Military 24 hour format.

TRIGGER DELAY:

This option allows you to set the delay between triggers. You can customize the delay anywhere from 15 seconds to 59 minutes and 59 seconds.

TRIGGER SENSITIVITY:

This option allows you to adjust the distance/sensitivity of the detection circuit. **NOTE:** This setting should remain on high except for specific use cases that require less PIR trigger events.

IR FLASH RANGE:

This option allows you to adjust the Flash distance/intensity. *NOTE: This should remain on high for optimal night time photos/videos. If camera will be used in close proximity to desire target area it then can be adjusted.*

TIME LAPSE:

In this option you can setup the interval between photos that you want the camera to take in time lapse mode. You can customize intervals from 10 seconds to 23 hours 59 minutes and 59 seconds when the wireless network is turned off. When the wireless network is turned on customization is from 1 min to 23 hours 59 minutes and 59 seconds. You can also turn the PIR sensor ON or OFF within Time Lapse mode here.

SET CLOCK:

This setting allows you to operate the camera inside a specific time period by selecting "ON" and programming a Start and Stop time. In the "OFF" position the camera operates 24 hours continuously without turning off.

TIME STAMP:

This is the info strip at the bottom of each photo/video. In this section you can either turn the strip on or off.

TEMPERATURE:

This menu option gives you the ability to change from Celsius to Fahrenheit. This data is shown on the info strip at the bottom of each photo/video.

FREQUENCY:

This option allows you to change the camera frequency. Cameras in the western hemisphere should be operated at 60Hz.

CAMERA NAME:

Choose a name for your camera between 1-13 characters. This will be included in the info strip at the bottom of each photo/video. To delete characters use the back arrow.

SECURITY ENABLE:

You can setup a 5 digit passcode that will be required every time that you get back into your camera. You can select on or off, when you select on you will be required to enter the desired code.

COORDINATES:

In this option, you can enter the coordinates of your camera and it will enable GPS geotagging of your photos.

FORMAT:

Formatting is recommended everytime that you insert a SD card into the camera. It gets the card setup for use inside the camera, however it will erase any images already stored on the card.

DEFAULT SET:

Selecting “yes” will reset the camera back to the factory default settings.

FIRMWARE:

In this option by selection version the camera will display the current operating FW installed. To perform a manual FW update simply select update when FW is properly installed to a SD card. Manual FW updates are not recommended for this camera. Any damage or malfunction associated with manual FW updates will not be covered under warranty, any maintenance/repairs performed by Exodus will be subject to a service fee. Updates should be done with OTA commands when applicable.

RETRIEVING DATA AND VIEWING IMAGES

REMOVING THE SD CARD:

Remove the SD card from the camera. IT IS IMPORTANT TO NOTE THAT YOU MUST TURN THE CAMERA OFF BEFORE REMOVING THE CARD. Once you remove the card you can insert it into an SD card slot on a laptop, tablet, or pc and download the pictures. We strongly discourage the use of portable SD card readers and/or using point and shoot cameras to check your photos. Any such misuse will void any product warranty.

VIEWING IMAGES VIA SCOUTEK:

To view images and videos remotely simply use the Scoutek mobile application or webportal. You can filter by recent images, cameras, locations, and/or tags.

THE EXODUS WARRANTY

REGISTERING YOUR WARRANTY:

Inside the packaging of your camera, you received a warranty registration card with detailed instructions.

Your camera must be registered within the first 30 days of purchase for the warranty to be valid. We can not offer exceptions to this policy.

TO MAKE A WARRANTY CLAIM:

1. Contact us via our customer support number OR email info@exodusoutdoorgear.com
2. We will provide a RMA label if problem or issue is confirmed via phone or email.
3. Once we receive the camera we will begin to troubleshoot the issue. The unit will be repaired or replaced if under warranty. If the issue is not under warranty a service fee will be applicable.

NOTE: ANY DEVICE RETURNED AND FOUND TO BE OPERATIONAL WILL BE SUBJECT TO A \$25 SERVICE CHARGE PLUS SHIPPING COSTS BEFORE THE CAMERA IS SENT BACK TO OWNER.

WARRANTY EXCLUSIONS:

Our warranty fully covers the camera's operation under normal working conditions. However, it does not cover one or more of the following: incorrect installations such as abuse, alterations or modifications not performed by Exodus Outdoor Gear, poor handling, misuse, accidents, abnormal use, shock, power failures/surges, battery failure, bug damage, lightning or weather-related conditions. Damage or operational issues caused by such will be subject to a service fee. Warranty does not apply to any product or part thereof where the original serial number has been altered, modified, defaced or removed. This warranty does not cover cosmetic wear and depreciation, and does not cover damage or loss as a result of transportation of the products. However, most of this is covered by our 5-yr theft / accidental damage policy.

You can read the entire Exodus warranty policy and theft/accidental damage replacement policy at www.exodusoutdoorgear.com/warranty-policy

BATTERY AND SD CARD INFORMATION

Throughout hundreds of hours of testing and development of our cameras, we have come to the conclusion that Energizer Lithium AA Batteries are the most dependable battery option on the market for our cameras, and likely all trail cameras that require AAs. The cost compared to alkaline batteries is roughly 2.5X as much at the time of this writing. However, you will be able to capture at least 2 to 2.5X as many pictures. Lithium batteries are unaffected by the cold down to -30F and they will run consistently until they completely stop, whereas alkaline batteries will not typically work well at temperatures under 15F and will start to slow down (causing issues for the camera) as they reach the 50% mark of their life cycle.

The Render 4G is designed for Lithium Batteries. Battery malfunction/misuse is one item that is not covered in our warranty, although it is covered in our theft/accidental damage replacement policy.

FOR EXTERNAL BATTERIES:

The Render 4G is designed for use with our external power product the SP18. For additional information on the SP18 please visit our website.

SIM CARD REQUIREMENTS:

The Render 4G will only accept and operate on certified Verizon 4G 3ff cards. Attempting to use any sim card not certified can cause damage to the device and will void the warranty. If a new sim card is needed, they can be purchased on our website. Please note the orientation of the SIM card while installing in the camera, damage caused by improper installation is not warranted.

SD CARD REQUIREMENTS:

The Render 4G will work with all major American SD card brands. The maximum size is 64GB and we recommend a class 4 or higher card for higher resolution photos and video. Again, just a reminder to never remove the SD card while the camera is on! SD cards should never be put into/used multiple in multiple cameras, readers, and/or devices. Doing so will eventually cause issues with the FW and void product warranties. More info and best practices can be found on our blog at www.exodusoutdoorgear.com/blog and on our podcast Trail Cam Radio.

LEARN MORE ABOUT



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 TRAIL CAM RADIO

FCC STATEMENTS:

Note: Changes and modifications not expressly approved by the party responsible could void the user's authority to operate this device.

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.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

NOTE: This device complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device 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 device 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