



**WC20-A/WC20-V**

## **Covert Scouting Camera Instruction Manual**



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Congratulations on your purchase of the WC20-A/WC20-V Covert Scouting Camera! We truly value your business and will continue to provide you top quality customer service should you ever need help with any of our products.

Check out our other products on our website at: [www.covertscoutingcameras.com](http://www.covertscoutingcameras.com)

We hope you enjoy hassle free performance from this quality product for years to come.

**Technical Support**

[www.feradyne.com/contact](http://www.feradyne.com/contact)

**Customer Service**

Phone: (270) 743-1515

**COVERT SCOUTING CAMERAS**

**1451 Bowling Green Rd.**

**Russellville, KY 42276**

**Downloading the Mobile App**

Search “Covert Wireless” in your Google Play Store or Apple App Store.



**Accessing the Web Portal:**

Open your web browser to:

[www.covert-wireless.com](http://www.covert-wireless.com)

**Accessing the Billing Site:**

Open your web browser to: <https://secure.covert-wireless.com>

## Quick Start Guide

1. Install a minimum of 6 AA batteries and up to a 32GB SD card.
2. Find the QR code sticker on the inside case of the camera.
3. Scan the QR code with your smart phone camera
4. This will take you to <https://secure.covert-wireless.com>
  - a. Either Log In to your account, or create an account
  - b. Once logged in, you will see your camera information populated in the proper fields
5. Select which plan you would like to add the camera to.

### To manually enter camera information

1. Open you web browser to <https://secure.covert-wireless.com>
2. Select the type of plan you would like to add
3. Enter the IMEI and ICCID information that can be found in the camera menu.
4. Follow the prompts to select your rate plan, enter your personal/billing information and complete your purchase.

## What You Will Need to Set Up Your Camera

### Installing the Batteries

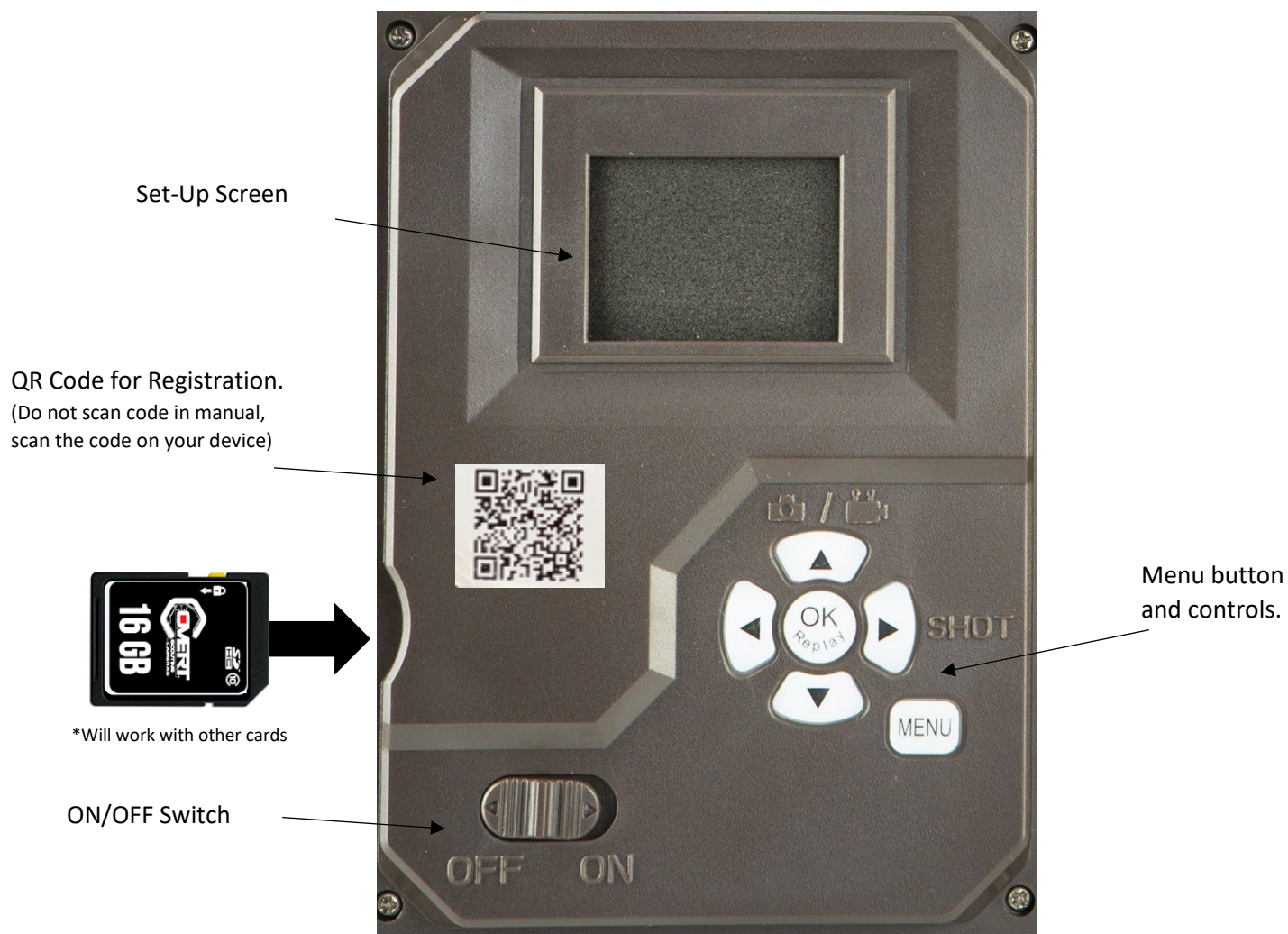
Your WC20 can function short term on 6 AA batteries. To function on 6 batteries, one full side of the battery case must have all 6 batteries installed, either the front or back of the case. Improved battery life on 8 AA, but we suggest you use 12 AA batteries to get the most out of your camera's battery life.

Install batteries by sliding the top battery into the sleeve, then depressing the spring with the other battery and snapping down in place. Pay attention to the (+) of (-) molded into each sleeve to determine if you insert the positive or negative end into the sleeve first. The negative battery terminal (the flat end) always contacts the spring.

### Installing the SD Card

Now that you have activated your plan, you will need to install an SD card in the left side of the front case. We recommend a Covert SD card. Other SD cards may work, but also use an encryption that may not be compatible with your camera. See below for card orientation. Push the card in until it clicks and release. To remove, repeat that process, the card will pop out enough to remove. You can use any SD card up to 32 GB.

### Camera Button Control Diagram



## Button and Switch Functions

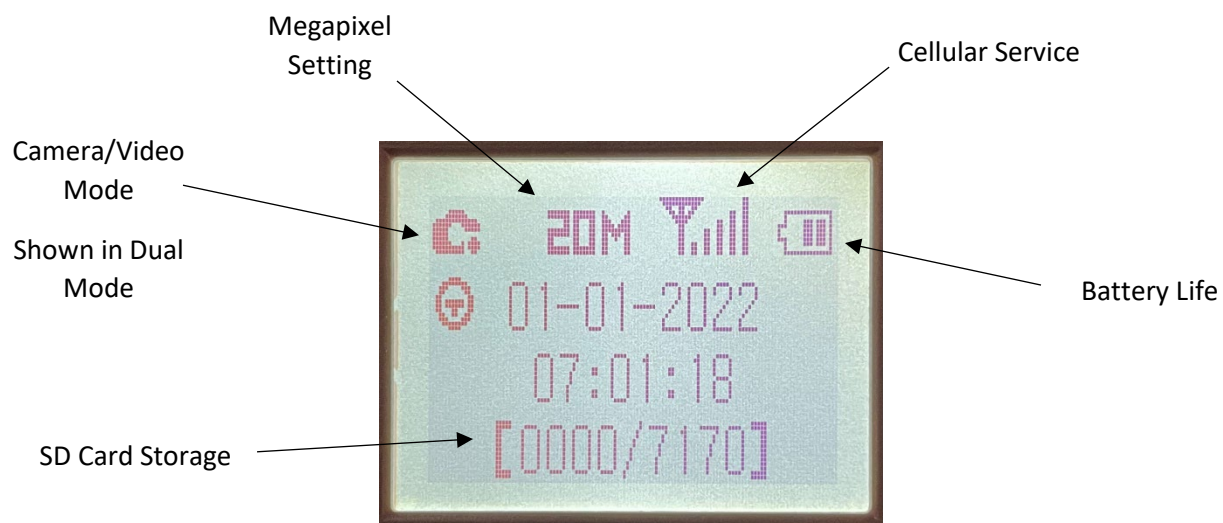
### On/Off Switch

- **OFF Position** – The unit will remain OFF if the switch is in this position.
- **ON Position** – When the switch is in this position, you will be able to set up your preferred settings in the camera menu. Once you have your desired settings chosen, the camera will turn on after sitting idle for 10s. You will see a 10s countdown after which your camera will turn on and begin taking pictures. If the countdown starts, and you are not finished setting up your camera, you can hit any button to access the menu and stop the countdown.

### Button Functions

- **Arrow Keys** – You will use these keys to navigate the menu screen, as well as take test images.
  - **Test Image**
    - Left Arrow Key – if you click and hold this key, your camera will take an image and upload it to the server.
    - Right Arrow Key – if you click this key, your camera will take an image and save it to the SD card.
  - **Photo/Dual Mode** – You can quickly switch between photo and dual mode by clicking the “up” arrow key. You will see a dot to the right of the camera icon on the screen when in dual mode.
- **OK Button** – You will use this button to select your settings.
- **Menu (M) Button** – Press the menu (M) button to access the settings for your camera. To go back to the main screen, press (M) again.

## Understanding Main Screen Information



## SET UP SCREENS

### Set Clock

On this screen you will set up date and time for your unit. Select set, then change the date and time using the arrow keys. Once you have the current date and time set, click OK, and it will take you back to the menu screen.

### Mode

On this screen you will find two camera modes, Photo and Dual. Select your desired mode using the arrow keys. When your desired camera mode is highlighted, click OK, and the mode will be set.

- In Photo mode – the camera will only take images.
- In Dual mode – the camera will take both images and videos.

### Screens you will see in each mode

**In Photo Mode:** All Screens in their listed order.

**In Dual Mode:** All Screens in their listed order.

### Image Resolution

Here you will be able to select your desired megapixel rating. You have three options for megapixel rating 2, 4, and 20. Use the arrow keys to select your desired setting and press OK. You will only be able to request HQ photos from the app when image resolution is set to either 2MP or 4MP.

### Capture Numbers

On this screen you can select the number of burst photos you would like to be taken each time the camera is triggered. You can select 1-3 photos per trigger. Use the arrow keys to scroll through the list, and when your desired burst setting is selected, click OK.

### Video Resolution

Options here are 720p and 1080p. You're WC20 will not transmit video, but videos can be taken and stored to your SD card. If you would like videos taken, make sure your camera is set to "Dual" mode.

### Video Length

You can set between :05-:60 videos.

### Camera Name

You can set up to a 12-character name for your camera.

### PIR Interval

PIR (Passive InfraRed) interval can be set between 1:00 – 60:00. Your PIR delay is adjusted in 1-minute intervals. This controls how often a picture is taken if continuous motion is detected.

### PIR Sensitivity

Adjust the sensitivity of your PIR sensor. Four options: Low, Normal, High, Auto.

Low: The camera will only trigger from major movements

Normal: The camera will trigger at a normal rate.

High: The camera will take pictures whenever movement is detected.

Auto: The camera will dynamically change the sensitivity based on the temperature around the unit.

## Flash Mode

On the flash mode screen, you will have three options to choose from Short Range, Fast, and Long Range.

**Short Range:** The camera will dim the brightness of the LED's when a picture is taken so the reflection off the subject is not overly bright.

**Long Range:** The camera will increase the brightness of the LED's when a picture is taken so you can clearly see the subject of the image from a distance.

**Fast Motion:** This mode will optimize the camera for when the subject of the image is moving at a quick pace. When in this mode, the camera will adjust the shutter speed to minimize motion blur.

## Time Lapse

Set the work period and interval of your time lapse. Set your work period to when you want your camera to function. Set your interval to how often you would like your camera to take an image.

Interval options are: 1 min.- 59 min., 1 hour – 6 hours.

## Format

Formatting your SD card clears everything off the card. (It will delete any pictures that are stored on the card!) We recommend formatting your SD card every time before using your camera. Even if you have a new SD card, you should always format the card before you use it in the camera.

## Overwrite

When overwrite is ON, the camera will delete the oldest pictures on the SD card when the SD card has reached its maximum storage capacity.

Images that are deleted from the SD card that have already been transmitted to the app, will not be deleted from the app. If there are images you would like to keep that are sitting on your SD card, you will need to pull the SD card, and download them to your computer before they are recycled.

Once an image is deleted from the SD card, they cannot be recovered.

## Wireless Mode

When you reach this screen, select ON to allow the camera to transmit images wirelessly.

In the Covert Wireless App, you will also be able to turn off the transmission of images. This is useful if you have a branch or weeds that are continually triggering an image capture. Turn off the wireless transmission until you can go cut or trim what is causing your camera to take and send images. This is to help prevent the area around your camera from chewing up battery life or wasting your images.

## Password

The password screen allows you to set a pin code to be able to change the settings of your camera. To set the password, select ON, then change the four-digit PIN to a unique password that you will use to open the camera. Once the password is set, each time you go to the camera, you will be prompted to enter the PIN before opening the menu.

If you forget your password, please contact Covert Scouting Cameras at [support@dlccovert.com](mailto:support@dlccovert.com), call 270-743-1515 or use our online chat option to request an RA #. We require warranty registration to verify your camera. This must be completed within 10 days after your purchase. Proof of purchase will be required.



## IMEI

Here you will find the IMEI information for your camera. You can also find this on the sticker on the inside of the front case

## ICCID

Here you will find the ICCID information for your camera.

## Default

This will return the camera to its factory default settings.

## Version

This screen shows your cameras current firmware information.

## Tricks and Tips on Field Setup

- For best results, mount the camera approximately three (3) feet off the ground facing straight forward, as level as possible. Be sure to adjust for uneven terrain.
- To enhance the flash, we recommend positioning the camera in an area with a backdrop to reflect the maximum amount of light. For instance, place the camera 20-30' from a field edge facing the woods. For inside of timber, positioning the camera facing a thicket approximately 20-30' away.
- Clear brush away from the front of the camera to avoid false triggers.
- Face the camera down a game trail, rather than directly at it, to cover more of the animal's path.
- Try to set the camera up facing North or South to avoid overexposure from the sun in the morning or the evening when game movement is at its peak.
- Use one of the Covert mounting systems to mount the camera up higher pointing down on them for a better look. This also works great when you do not have a straight tree to attach to. You can find our line of mounting systems at: [www.covertscoutingcameras.com](http://www.covertscoutingcameras.com).
- The FW version is reference to our engineers to ensure a speed and efficient warranty repair should the need arise.

## Covert Scouting Cameras Warranty

Covert Scouting Cameras warrants this product for a period of 2 years from the date of purchase on all 2016 or newer product. This warranty only covers manufacturer's defects and does not cover damage caused by misuse or abuse of the product. If you experience an issue with this product, please do not contact the store you purchased it from. Contact Covert's Customer service at (270) 743-1515 or email us at [support@dlccovert.com](mailto:support@dlccovert.com). Proof of purchase will be required for all warranty service and prior registration must have been completed within 10 days of purchase receipt. Warranty Policy and Procedure: Covert Scouting Cameras, Inc. warrants the cameras will be free from defects in materials and workmanship for a period of one (2) year from date of purchase. If the product proves defective during the warranty period, Covert, at its option, will: 1. Repair the product by means of telephone support, Email, or depot service at no charge for parts or labor, shipping prepaid by customer, return shipping prepaid by Covert. (US only) Return shipping to be billed to customer and must be paid prior to return shipping if camera is found not to be defective in materials or workmanship. 2. Replace the product with a comparable product which may be new or refurbished. (Warranty is not extended beyond original purchase date.) 3. Covert recommends the customer first utilize support materials shipped with the product, product diagnostics, information contained on the Web, and email support. If unsuccessful, to obtain service under this warranty, the customer must notify Covert Telephone Support or Covert Support email, of the defect before the expiration of the warranty period. Customers will provide appropriate assistance to Telephone Support personnel to resolve issues. If telephone support is unsuccessful, Covert or its authorized dealer will instruct the customer on how to receive warranty repair as provided below.

Service is available in the United States.

Outside the US, service is available through the distributor/reseller of purchase.

All returns must have a RMA number provided by Covert. Copy of Proof of Purchase required for all returns.

Covert is not responsible for lost or damaged merchandise incurred during the shipping process.

Insurance for returns is at the discretion of the customer, additional charges apply for return shipping.

Shipping without insurance, the customer assumes all liability for any loss or damage due to shipping and handling.

Covert reserves the right to charge for service in exception cases. A description of the depot process may be obtained from the authorized Covert reseller/distributor. Depot service is at Covert's or its authorized dealer's sole discretion and is considered an option of last resort. In the maintenance of the product, Covert may use new or equivalent to new parts, assemblies, or products for equal or improved quality. All defective parts, assemblies, and products become the property of Covert. Covert may require the return of parts, assemblies and products to a designated Covert Depot or the Covert representative from which the part, assembly, or product was originally purchased. Return and claims will be handled according to the current Covert procedure. These warranties shall not apply to any defect, failure or damage caused by improper use or improper or inadequate maintenance and care. Covert shall not be obligated under these warranties:

- a. To repair damage resulting from attempts by personnel other than Covert representatives to install, repair or service the product unless directed by a Covert representative.
- b. To repair damage, malfunction or degradation of performance resulting from improper use or connection to incompatible equipment or memory.
- c. To repair damage, malfunction, or degradation of performance caused using non-Covert supplies or consumables or the use of Covert supplies not specified for use with this product.
- d. To repair an item that has been modified or integrated with other products when the effect of such modification or integration increases the time or difficulty of servicing the product or degrades performance or reliability.

- e. To perform user maintenance or cleaning or to repair damage, malfunction.
- f. To repair damage, malfunction or degradation of performance resulting from use of the product in an environment not meeting the operating specifications set forth in the user manual.
- g. To repair damage, malfunction or degradation of performance resulting from failure to properly prepare and transport the product as prescribed in published product materials
- h. Failure to register the product warranty within 10 days of purchase.
- i. To replace items that have been refilled, are used up, abused, misused, or tampered with in any way.
- j. To install replacement items that are not considered customer replaceable.
- k. To support software not supplied by Covert
- l. To provide software or firmware updates or upgrades.

Any service identified in the above list and provided by Covert at the Customer's request shall be invoiced to the customer, at Covert's then current rates for parts, labor, and shipping. THE ABOVE WARRANTIES ARE GIVEN BY COVERT WITH RESPECT TO THIS PRODUCT AND ITS RELATED ITEMS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED. COVERT AND ITS VENDORS DISCLAIM ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY SIMILAR STANDARD IMPOSED BY APPLICABLE LEGISLATION. COVERTS RESPONSIBILITY TO REPAIR, REPLACE, FOR DEFECTIVE PRODUCTS AND RELATED ITEMS IS SOLE AND EXCLUSIVE. REMEDY PROVIDED TO THE CUSTOMER FOR BREACH OF THESE WARRANTIES. Some states, provinces, and countries do not allow the exclusion or limitation of incidental or consequential damages or exclusions or limitation on the duration of implied warranties or conditions, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary by state, province, or country. TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT FOR THE OBLIGATIONS SPECIFICALLY SET FORTH IN THIS WARRANTY STATEMENT, IN NO EVENT SHALL COVERT AND ITS VENDORS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOSS OF PROFITS) WHETHER BASED ON CONTRACT, TORT, OR ANY OTHER LEGAL THEORY AND IRRESPECTIVE OF WHETHER COVERT OR THE VENDOR HAS ADVANCE NOTICE OF THE POSSIBILITY OF SUCH DAMAGES

**FCC Radiation Exposure Statement:**

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

**FCC Warning**

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 1: This equipment has been tested and found to comply 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 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.