

NIGHTRIDE



TRAILBLAZER

USER MANUAL

FOR MODELS NRR0010, NRR0010-E, NRR640-E,
NRR0010-GE, & NRR640-13GE

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WHAT'S IN THE BOX:

FOR STANDARD TRAILBLAZER:

NIGHTRIDE TRAILBLAZER UNIT
ATTACHED HOOD MOUNT
QUICK START GUIDE
USER MANUAL
HELLO CARD
NR SECURITY SCREWDRIVER
WING BOLT
(2X) HOOD MOUNT GASKETS
(2X) SPARE SECURITY BOLTS
POWER CABLE
RING TERMINAL SET
(4X) VELCRO CABLE TIE

FOR TRAILBLAZER W/ ETHERNET:

NIGHTRIDE TRAILBLAZER UNIT
ATTACHED HOOD MOUNT
QUICK START GUIDE
USER MANUAL
HELLO CARD
NR SECURITY SCREWDRIVER
WING BOLT
(2X) HOOD MOUNT GASKETS
(2X) SPARE SECURITY BOLTS
NIGHTRIDE PASSIVE POE CABLE
PASSIVE POE INJECTOR ADAPTER
CIGARETTE PLUG TO BARREL CABLE
ETHERNET EXTENSION
USB-C ETHERNET ADAPTER
LIGHTNING ETHERNET ADAPTER

NOT INCLUDED:

PHONE, TABLET, LAPTOP OR OTHER MEANS OF DISPLAY

GETTING STARTED

On Mac, use Safari, otherwise use Chrome

WIFI CONNECTION: <http://172.24.1.1>

WIRED CONNECTION: <http://10.4.10.4>

MOUNTING YOUR NIGHTRIDE TRAILBLAZER ON THE HOOD

1. Separate hood mount from camera with the provided security screwdriver, and re-attach the removed bolt back to the mount so the bolt is not misplaced.
2. Pop the car hood, leaving it partially open. Position the hood mount on the back center of the hood, avoiding the area directly in the driver's line of sight.
3. Once placed, secure mount to hood by tightening the top screws. **If the hood mount is not secure, you may need to add additional bottom gaskets (for thin hoods).**
4. Attach the Trailblazer to the hood mount and tighten (reverse of step 1).



FOR MOUNTING BEHIND THE GRILLE, USE YOUR OWN MOUNTING METHODS

POWERING YOUR TRAILBLAZER

1. Open the hood to your vehicle fully.

STANDARD CONNECTION: Take the power cable and attach the alligator clips to the vehicle battery terminals as follows: red clip/white wire goes to the positive (+) terminal and black clip/wire goes to the negative (-) terminal.

HYBRID/ELECTRIC CONNECTION: Reference the vehicle owner's manual for the location of the positive and negative termination points.

RING TERMINAL CONNECTION: Cut, strip and crimp the provided ring connectors. Remove the battery nut and insert the ring connectors. Reattach the battery nuts to secure.

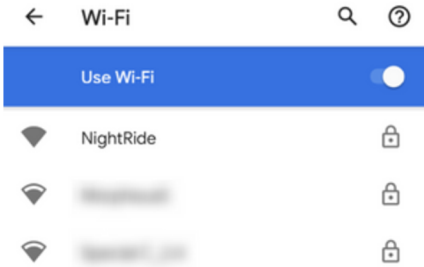
2. Thread the other end of the cable with the connector out from under the hood where the windshield meets the mount (this side attaches to the Trailblazer). Use the included cable ties to secure the cable away from any hot or moving parts. Close the hood.
3. Pop off the cap of the connector (hold the latch down while pulling to release) and the rubber cap off the back of the NightRide Trailblazer. Plug the power connector in the back of the Trailblazer. The connector latch will lock in when fully inserted.
4. The NightRide Trailblazer is now powered. Don't forget to take off the lens cap!

FOR POWERING WITH AN ETHERNET CONNECTION: Please refer to the "POE Cable Assembly" insert.

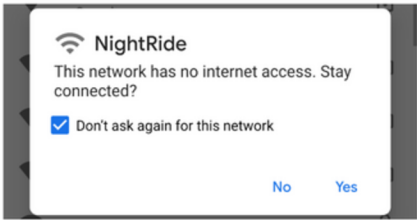


CONNECTING TO DISPLAY DEVICE VIA WIFI

1. Select NightRide Wi-Fi on your desired device + enter the password found on the red Hello card.

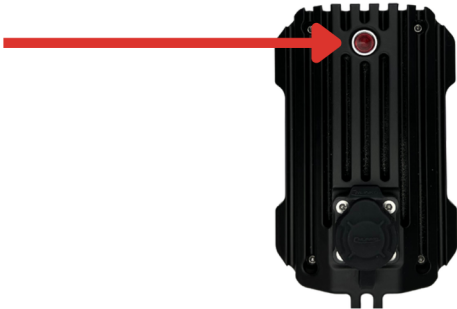


2. On mobile, a pop up may appear about the internet connection. Answer "Yes" to stay connected to the Wi-Fi network.



LED INDICATOR

Blinking indicates the Wi-Fi is not connected; solid light confirms connection. The LED can be disabled in the Settings tab.



CONNECTING TO DISPLAY DEVICE VIA ETHERNET

Please refer to the insert titled “NightRide POE Cable Assembly”

Once a wired connection is made, the stream is accessed by using your web browser. Type `http://10.4.10.4` into your browser. Turn Wifi off and Airplane Mode on. The LED will remain blinking.

WEB INTERFACE TO DISPLAY VIDEO STREAM

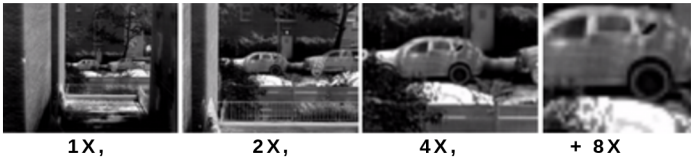
- 1. To access streaming via wifi, type `http://172.24.1.1` in the address bar of your browser (this link can also be found on your red Hello Card). If using Ethernet connection, type `http://10.4.10.4`
- 1. The Camera tab will show the streamed image from your NightRide camera. On the left, you'll find tabs for Videos, Settings, and User Manuals.



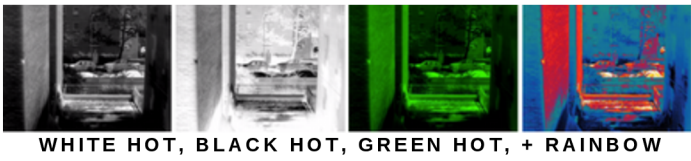
SOME USERS ARE UNABLE TO USE THE WEB INTERFACE WHEN CELLULAR DATA IS ENABLED. TURN OFF YOUR CELLULAR DATA BY TURNING ON AIRPLANE MODE. THEN RE-ENABLE WI-FI AND CONNECT TO THE NIGHTRIDE AS USUAL.

IMAGE SETTINGS

You'll see icons on the streamed image. The top left icon controls zoom:



The top right icon controls color:



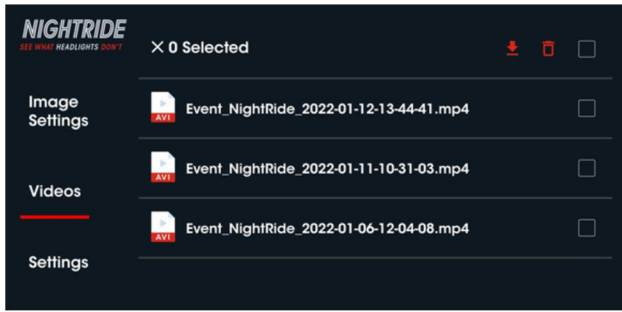
The bottom right icon controls brightness and the bottom right controls contrast. The button in the bottom center controls recording. A new Snapshot button is planned for release in Oct 2024.

VIDEOS

Videos are downloaded and managed in the Videos tab. Make sure the camera is powered on and connected to NightRide Wi-Fi while downloading videos.

When the storage space is full, the oldest Auto Recording videos are deleted, followed by the Event Recording videos (FIFO).

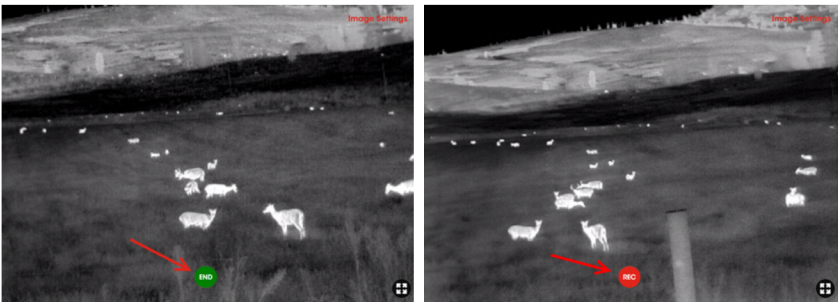
File names beginning with Event_NightRide_ are created when event recording is initiated by the user. File names beginning with NightRide_ are created when the camera is in Auto Recording mode.



VIDEO RECORDING MODES

Auto Recording ON: In this mode, the camera is recording all the time and every 30 minutes a new video file is created. If Event Recording is initiated when Auto Recording is ON, the recorded clip will start 60 seconds before clicking on REC and ends when clicking END. When Event Recording ends, the system will start auto recording normally and create a new auto recording video file.

Auto Recording OFF: In this mode, the camera is not always recording and the recorded clip starts when REC is clicked and ends when clicking END.



SETTINGS TAB

TURN OFF DELAY TIME FOLLOWING ENGINE-OFF:

Please choose the turn off delay setting that meets your operational needs.

IMAGE SETTINGS:

Camera tab image settings will be visible or hidden.

WINDOW HEATER:

The function of the heater is to eliminate dew, frost, and ice accumulation on the camera window. We recommend keeping this setting enabled.

AUTO RECORDING:

Toggle ON or OFF here. See page 6 in User Manual for details on Auto Recording Mode.

RECORDING TIME STAMP:

Recorded videos will display a timestamp when set to visible. The timestamp is taken from display device.

LED:

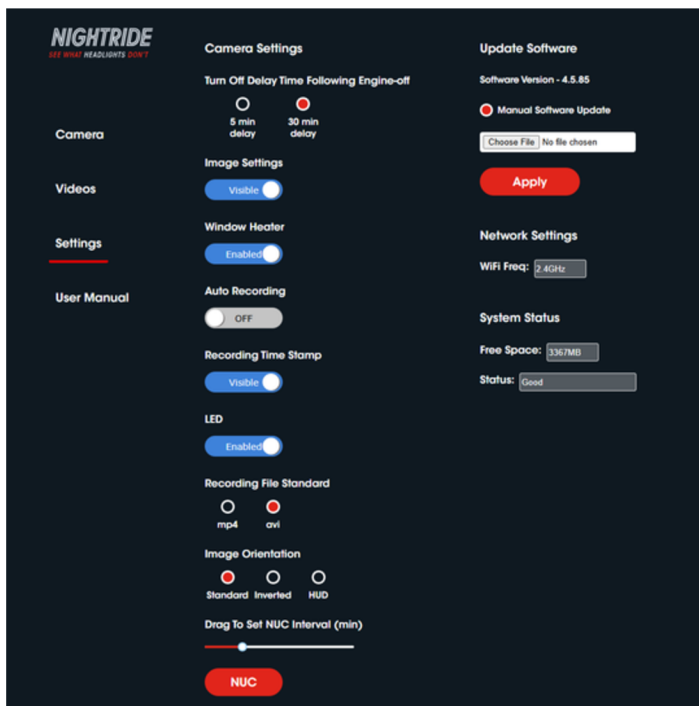
Make the LED indicating wifi connection inactive or active based on your preference.

RECORDING FILE STANDARD:

The user can choose between *.avi and *.mp4 files standards. (*.avi is recommended)

IMAGE ORIENTATION:

Orient the display based on personalized positioning of the camera or for streaming using a heads-up display (HUD).



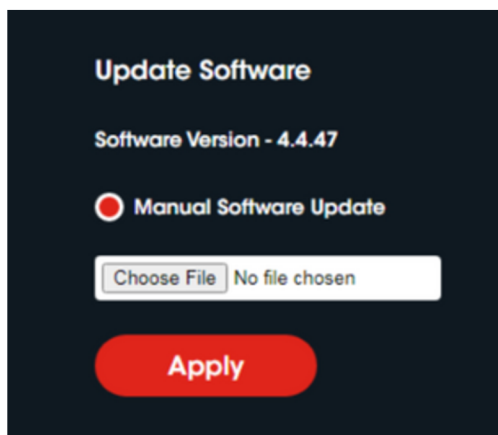
UPDATING SOFTWARE

**FOR THE MOST CURRENT SOFTWARE FILE,
DOWNLOAD FROM THE URL:**

<http://SWUpdate.GetNightRide.com>

1. Power the camera, connect to the Wi-Fi network, + go to the URL <http://172.24.1.1/> OR connect to Ethernet and go to <http://10.4.10.4>
2. Click the Settings tab on the left.
3. Select Manual Software Update + then Choose File. Select the appropriate software update file + press Apply.
4. Confirm the filename is in the format 'update_x.x.xx.tar'.

**SOFTWARE UPLOADS TAKE UNDER A MINUTE.
AN ALERT WILL POPUP WHEN SUCCESSFUL.
THE NIGHTRIDE CAMERA WILL AUTOMATICALLY
RESTART.**



CARE OF YOUR UNIT

We want you to get the best experience from your NightRide camera. Included in that is being able to properly clean and care for it so that it's always running its best!

This NightRide camera detects heat signature through an infrared transparent window. This window is designed for the harsh automotive environment of normal driving, but may require occasional cleaning. We suggest you clean the window of the camera when image quality degradation is noticed or excessive contaminant build-up is seen on the window.

The camera housing has a durable coating + the rugged protective window is designed to withstand normal cleaning. If the front window of the camera gets water spots, wipe it with a clean, soft cotton cloth dampened with fresh water. If the window requires further cleaning, use a soft, moist cotton-based cloth with isopropyl alcohol or dish soap.

The power cable connector is not weather-resistant while not attached to the mating connector. If left outdoors, not connected, we recommend you seal it from the weather.

DO NOT use abrasive materials, such as paper or scrub brushes as this will possibly damage the window by scratching it. Only clean the window when you can visually see contamination on the surface.

Depending on the environment/road conditions, the window surface may eventually become visibly degraded with pits, scratches or other marks. Contact the support team at NightRide Thermal for information about a replacement window or other parts and accessories.

PRODUCT SAFETY / PROPER USE + MISUSE

WARNING: You risk death or serious injury to yourself and others if you do not follow the instruction highlighted by the warning symbol. Failure to follow the specific warnings and instructions could result in personal injury, fire or electrical shock.

WARNING: This camera is not designed or approved for road use in lieu of headlights.

WARNING: The NightRide Trailblazer complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This camera may not cause harmful interference, and (2) this camera must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to the NightRide Trailblazer made by the user not expressly approved by NightRide Thermal could void the warranty and/or user's authority to operate the equipment.

HAVE QUESTIONS?

PLEASE CONTACT SUPPORT@GETNIGHTRIDE.COM

OR PHONE 347 509-5880 AND SELECT 2 FOR TECHNICAL SUPPORT



