

Safety Track



INSTALLATION GUIDE AND PRODUCT MANUAL

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Camera and Parts



Assembly

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Installation

Assembly & Installation

To begin assembly you will need the camera, mount arm, and long screw.



1. Attach the mount head to the GPS Bracket as seen in the image below



Assembly & Installation

2. Slide the mount head vertically into the back of the camera as pictured



3. If you do not plan on using the security bracket you may continue to page 5 step 6. You will need the SD slot cover and short screw.



Assembly & Installation

4. Lineup the SD card slot cover with the hole pointed out in the image, then insert the short screw and tighten.



5. Your result should look like this.



Assembly & Installation

6. Insert the GPS bracket's plug into the port on top of the camera labeled GPS.



7. (Optional) With the camera facing you, attach the Wi-Fi antenna to the port located on the left hand side of the camera.



Assembly & Installation

8. **DO NOT REMOVE THE 3m backing yet.** For optimal viewing find the mount location that would allow for similar placement as pictured in the 2 images below.



Assembly & Installation

9. Once you have found the location you would like to mount the camera to, peel off the red 3m backing from the GPS bracket and apply the assembled unit to that point, pressing it firmly against the windshield.



Wiring guide begins on the next page.

Assembly & Installation

10. Locate the fuse box that you will be running the power from. Take the power line that leads out of the camera that is connected to the female jack and begin to tuck it into the headliner in the direction of the fuse box you will be using. Continue to tuck the power cable up to the female jack, which you will keep exposed. If you are using the backup reader capability, now is the time to connect your external device. Once the external device is connected tuck it away in the opposite direction of where your power is coming from.

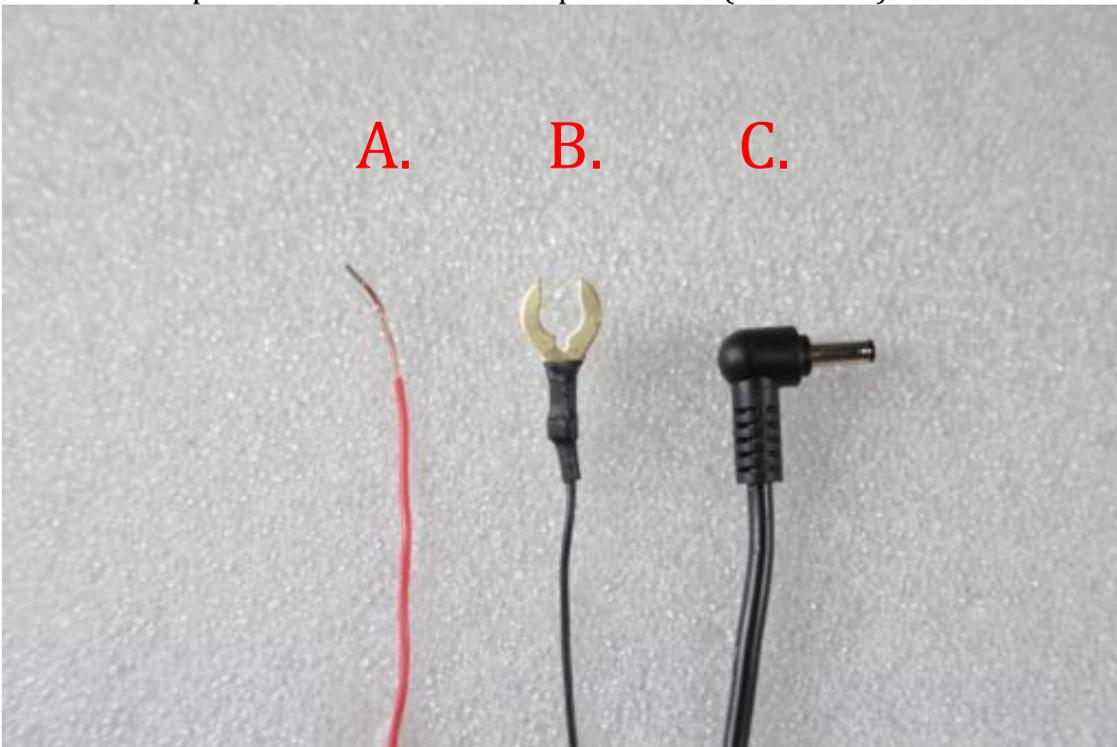


Assembly & Installation

11. Remove the wiring harness from the box and begin to unravel it.



12. On one end you have the power wire (A. red wire) and the ground clip (B. black with gold clip attached). On the opposite end you have the male jack connector (C.). Strip $\frac{1}{4}$ of an inch of the protective sleeve off of the power wire (A. redwire)



Assembly & Installation

13. Return to the vehicle and slowly from the top of the pillar pull the door seal away from the vehicle all the way to the bottom of the door exposing the interior of the pillar.



13. Place the male jack from the wiring harness close to the female jack from the camera allowing for a bit of slack and begin to tuck the wiring harness cable towards the fuse box going through the top of the support pillar. Once the end of the harness with the power and ground wires reaches the fuse box, reapply the door seal concealing the cable.

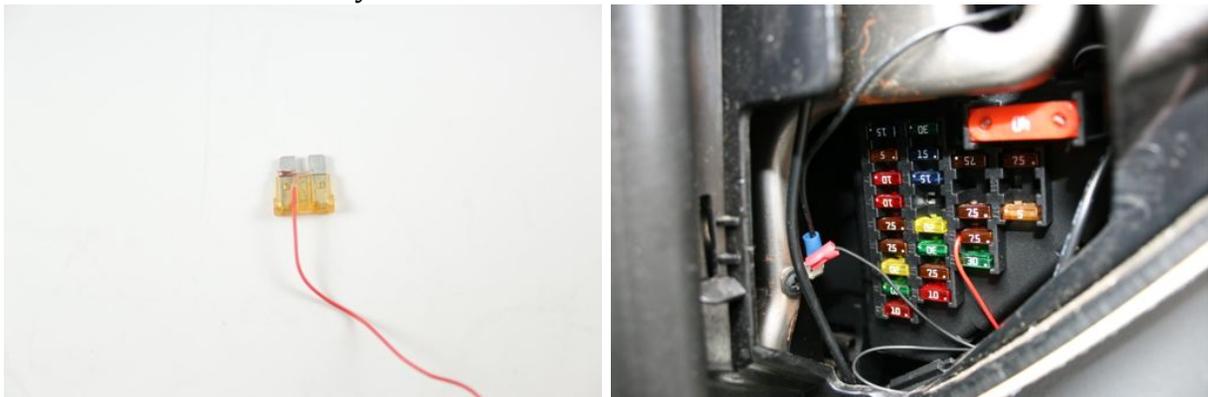


Assembly & Installation

15. With the fuse box panel exposed, find an ignition fuse (power only when the vehicle is started) that supplies at least 11-12V (you will need a volt meter).



16. Remove the fuse you will be using from its location (remember the exact location it was seated in if there are empty fuse sockets in the fuse box). Wrap the exposed section of the power wire (red wire) neatly around one of the teeth and place it back in to the proper place. Locate a proper place to connect the ground wire to or create one by using a tapping screw to drill into the body of the vehicle.



Assembly & Installation

17. Test the power by connecting the female and male jacks and turning on the ignition. In the event the camera does not power on recheck all of your connections for possible issues. In the event the camera lights up once the vehicle is started, you can tuck the female and male jacks into the headliner as well as begin to conceal the remaining exposed cable and wire around the fuse box with the zip ties provided (if necessary).



First Use

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Card
Formatting

First Use & Card Formatting

Before your camera can be ready for use, the card being used for data storage must be prepared. The following steps will guide you in preparing your SD card for use.

***WARNING: NEVER INSERT OR REMOVE A CARD FROM A CAMERA THAT IS POWERED ON, OR HAS A FLASHING RECORD INDICATOR. MAY CAUSE DAMAGE TO THE CARD.**

NEW SD Cards:

If you have a new unused card, simply insert the card into the camera and a voice prompt will notify you that it is formatting the card (during a camera format, the camera is creating folders on the card which it uses for data allocation). Once the format is complete it will beep once and will begin recording with the default settings of the camera.

USED SD cards:

If you are using an SD card that has been used for any reason, you will first need to format the card. We recommend using [SD Card Formatter 4.0](#) which, is a free download. Once the program is installed, connect your SD card to your computer and open the SD formatter program. Make sure the drive your card is located in is selected and click format. Once completed, close out the program and safely eject the card from your computer.



***WARNING: NEVER REMOVE THE SD CARD FROM THE COMPUTER WITHOUT PROPERLY EJECTING IT**

Once the card is safely ejected you can now follow the same steps as a NEW unused SD card as outlined above.

Settings

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Viewer
Software

Settings & Viewer Software

In this section you will learn how to change the settings of your camera to your preferences. If you do not already have the Janus V2 HD Viewer Software installed please download it from our [website](#), and install.

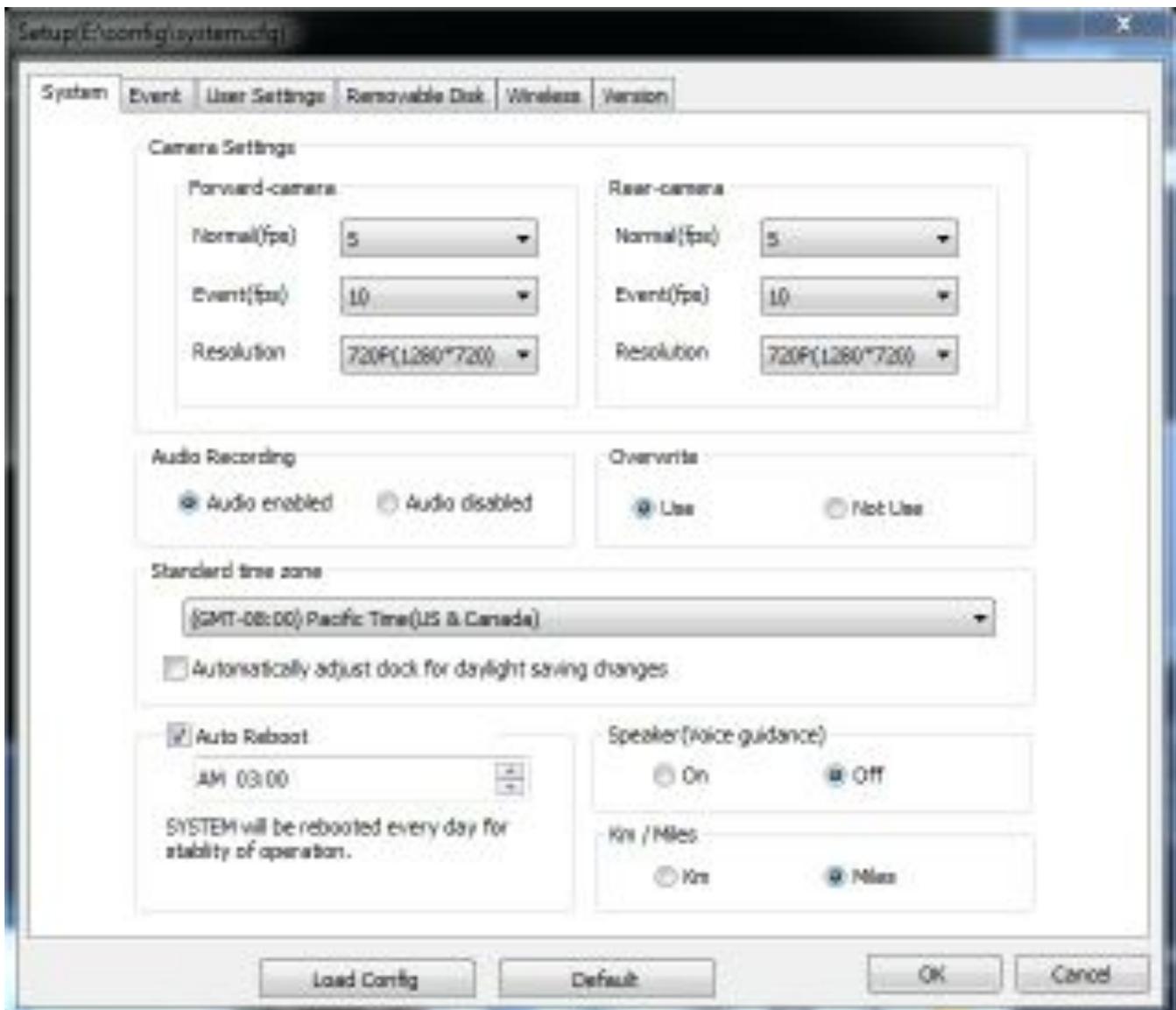
Open the Janus V2HD Viewer software.



To begin changing your settings please click the setup icon highlighted by the arrow (crossed wrench and arrow).

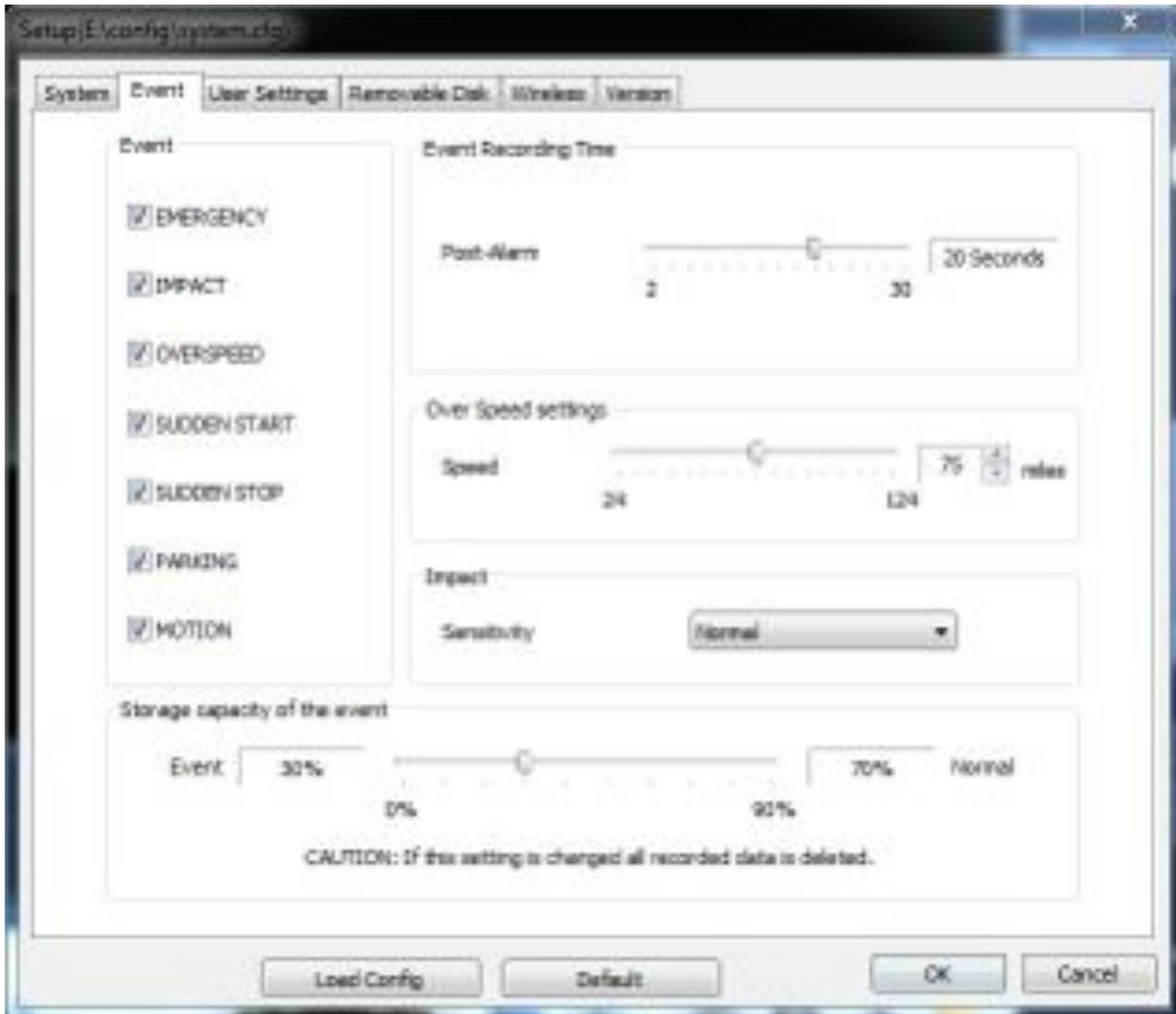
Settings & Viewer Software

System Tab



****These are the settings we recommend for optimal recording durations.****

Event Tab



Event- In this section you will be selecting which types of occurrences or driver behaviors are captured and labeled accordingly in the video list.

User Settings

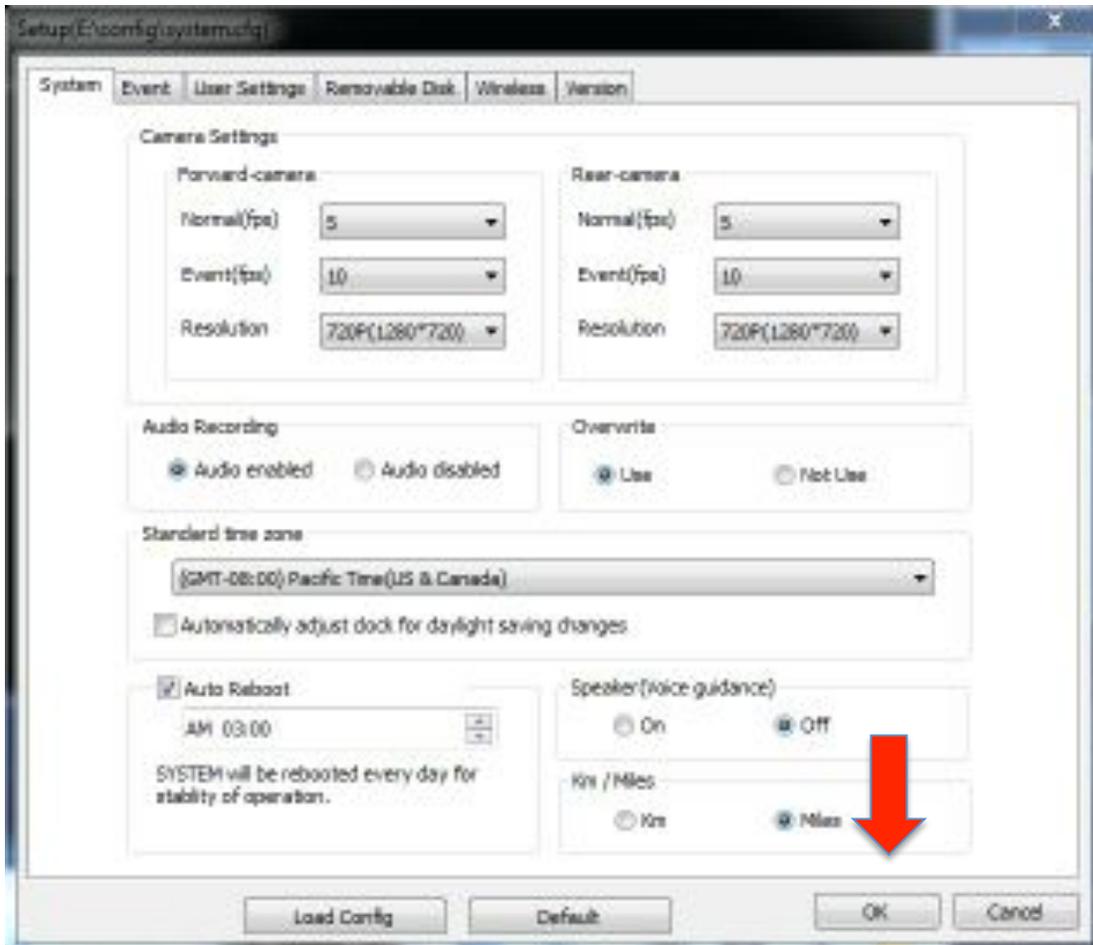
The screenshot shows a configuration window titled 'Setup(E:\config\system.cfg)'. The 'User Settings' tab is selected. The 'Vehicle Info' section contains three text boxes: 'Vehicle Info' with 'Jonus Car', 'Driver Info' with 'John Jonus', and 'License plate No' with 'JonusCar1'. The 'User Info' section has 'User ID' set to 'admin' and an empty 'Password' field. The 'LBP' section is checked and includes two rows of radio buttons for 'Power On' and 'Power Off'. The 'Power On' row has options: 12.4V/24.4V, 12.7V/24.7V, 12.9V/24.9V (selected), 13.1V/25.1V, and 13.3V/25.3V. The 'Power Off' row has options: 11.3V/23.3V, 11.5V/23.5V, 11.8V/23.8V (selected), 12V/24V, and 12.3V/24.3V. The 'Time set' section is unchecked and shows a date/time of '2014-06-04 AM 10:05'. At the bottom are buttons for 'Load Config', 'Default', 'OK', and 'Cancel'.

Vehicle Info- If applicable please enter vehicle and driver information. This information will be stamped on the video.

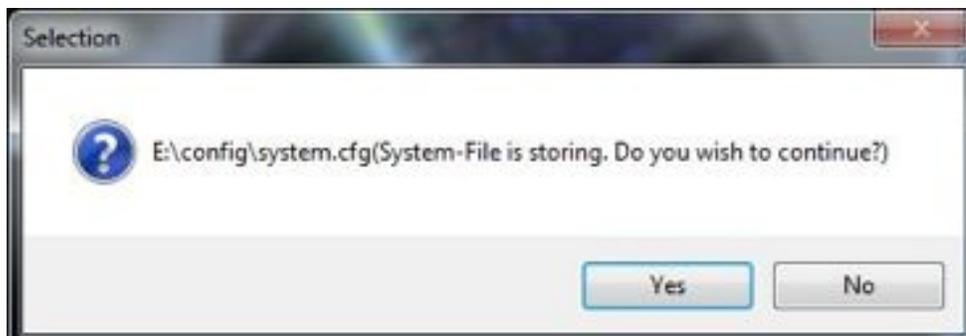
User Info- If you would like to change the User ID and/or add a password to access the card, please enter the information here.

Settings & Viewer Software

Once you have completed all the changes you would like to make click the OK button in the bottom right hand corner.



The window pictured below will popup, showing you where the configuration you have just created will be saved to. Make sure the drive (in this case the E: drive) corresponds to the drive that your SD card is connected to. Click yes and the settings will be saved. Reinsert the SD card into the camera and power it on. Once the camera beeps once, the camera will now record in the configuration you had saved.



Wi-Fi Setup

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Janus Center

Wi-Fi Setup & Janus Center

The Janus V2 HD has the capability to transfer video data wirelessly to a computer. To begin Wi-Fi setup, remove the SD card from the camera. Connect the card to the computer that you want to receive the video data. This computer should have the Janus V2 HD viewer software as well as Vehicle List (Janus Center) installed.

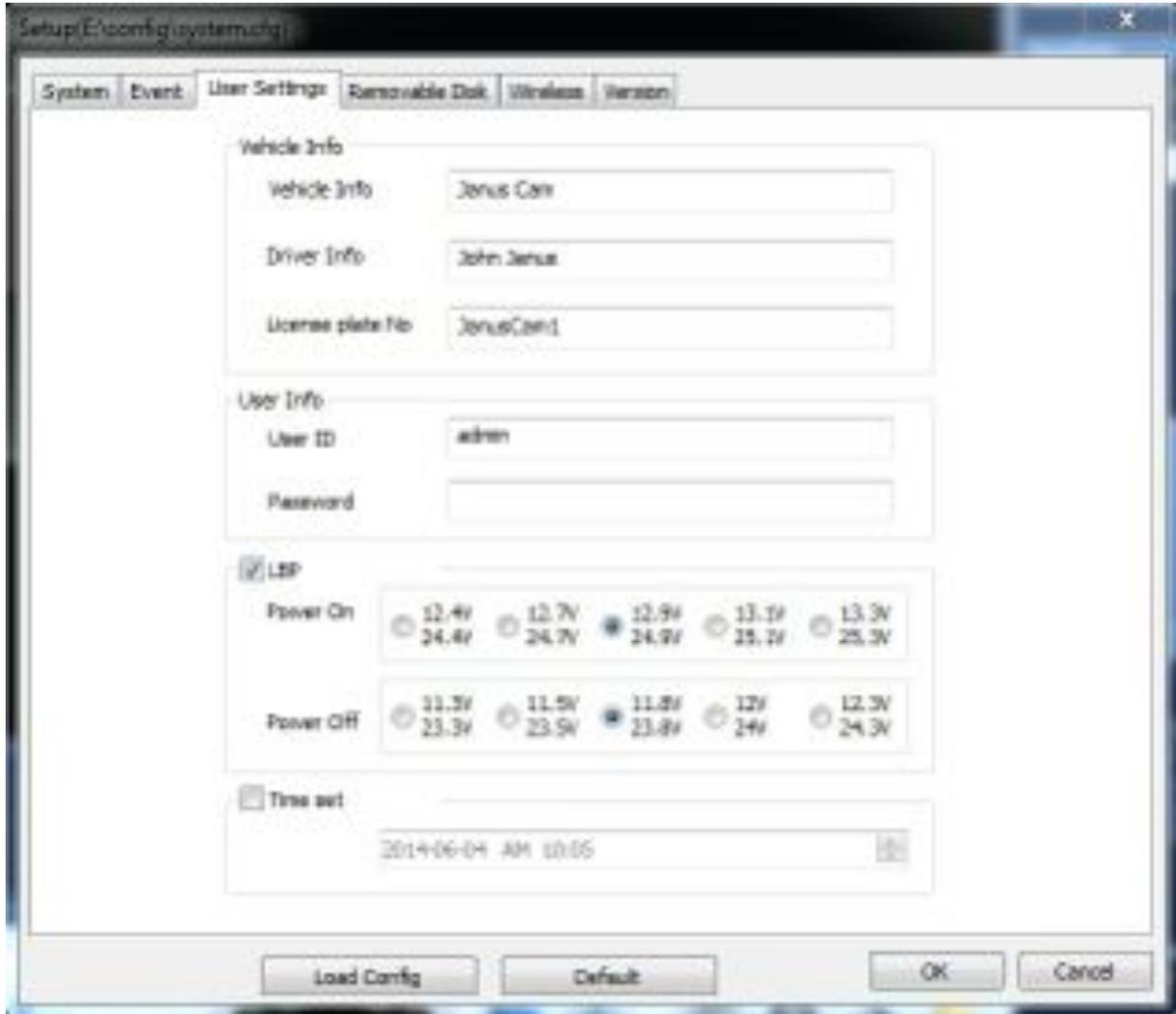
Once the card is connected and recognized by the computer, open the viewer software.



Please click the setup icon highlighted by the arrow (crossed wrench and arrow).

Wi-Fi Setup & Janus Center

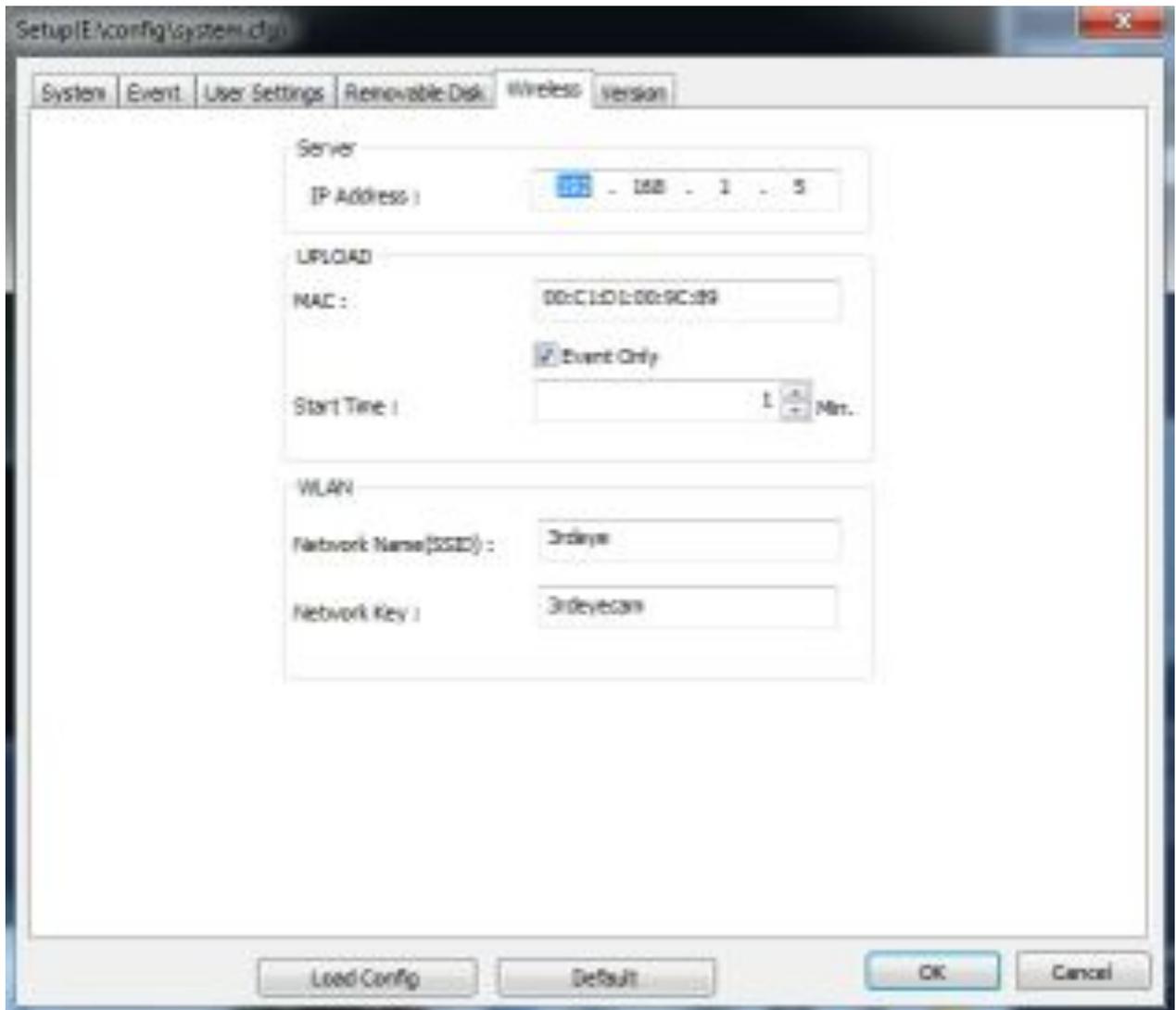
Navigate to the User Settings Tab



Vehicle Info- Please enter vehicle and driver information. This information is very important as it corresponds to how the vehicle or vehicles are tracked and labeled within the Vehicle List application.

Wi-Fi Setup & Janus Center

Navigate to the Wireless Tab.



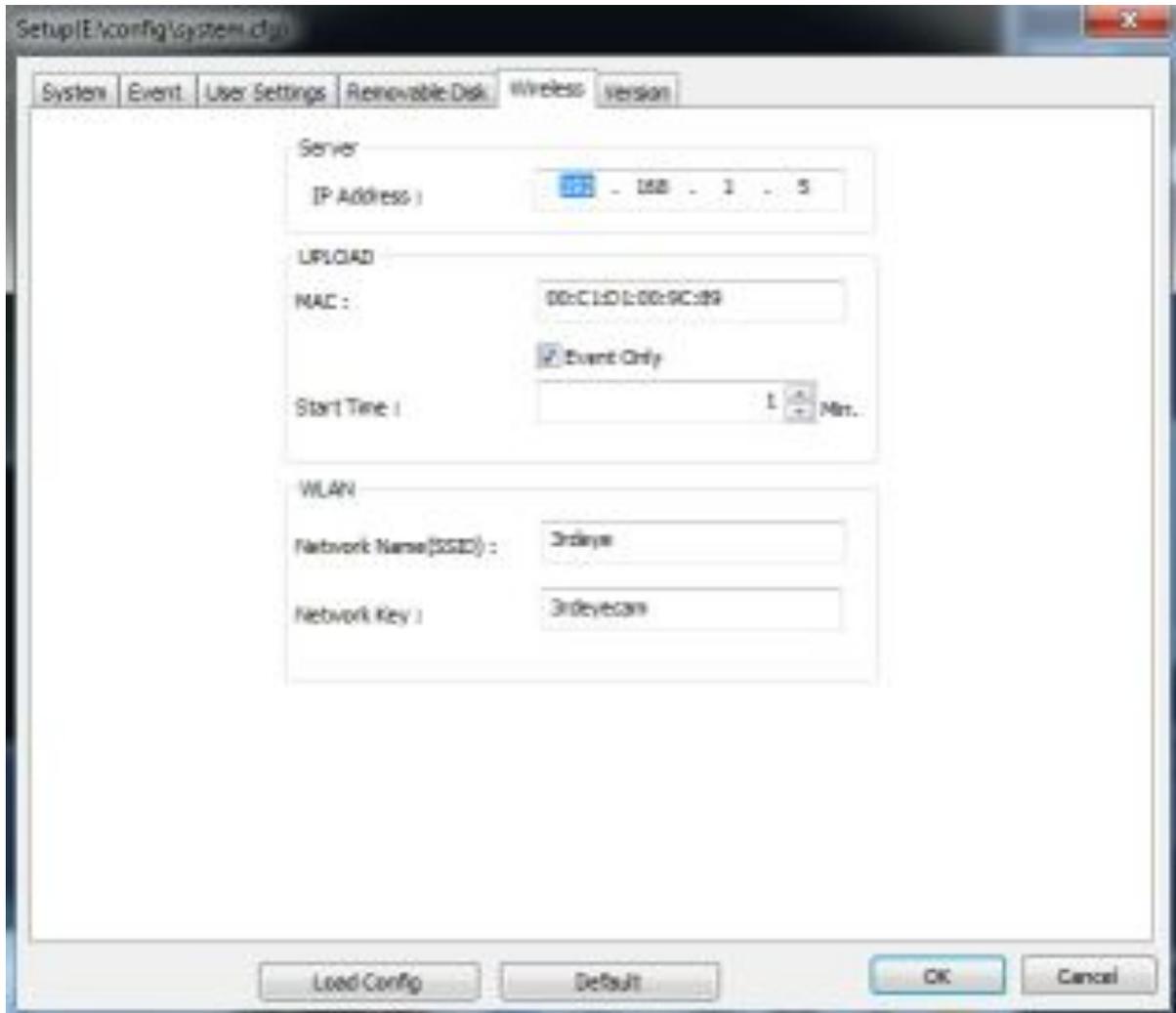
1. In the WLAN section, enter the name of the wireless connection you would like to use. If there is a password on the network enter it as well.
2. In the UPLOAD section change the start time to the length of time you would like the camera wait before initializing the wireless data transfer. **Note: The camera has an approximately 3 minute time frame from when the camera is newly powered on in where no data transfer is allowed to initialize.

Checking the box for “Event Only” means you are only going to wirelessly receive Event categorized videos (pg. 21). **Recommended setting**

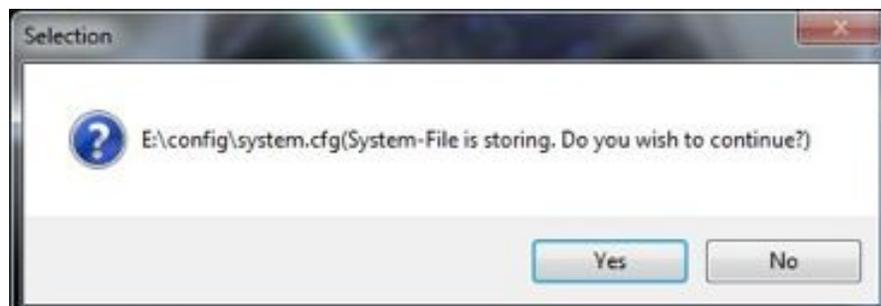
Leaving the “Event Only” box unchecked means you will download all videos from the cameras.

Wi-Fi Setup & Janus Center

In the server section of the wireless tab, you will enter the wireless IP address of the computer. Once you have entered all the information press OK in the bottom right hand corner.

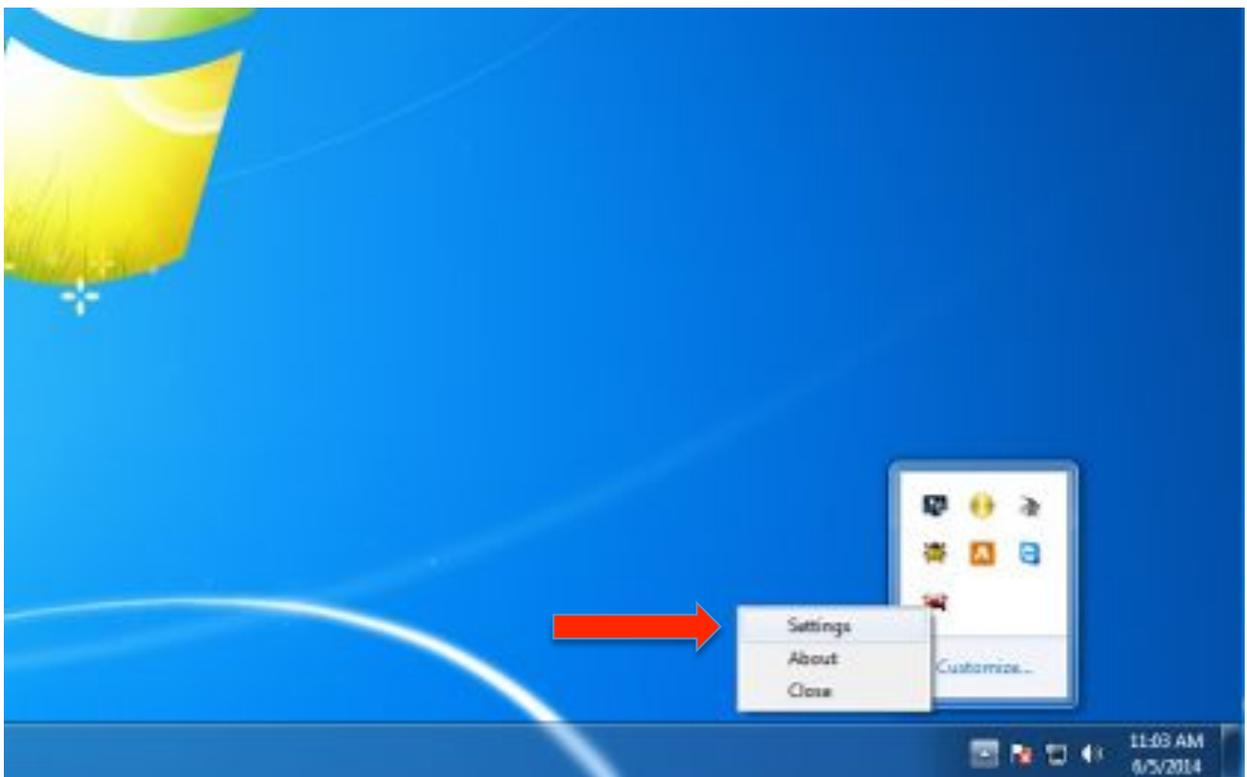
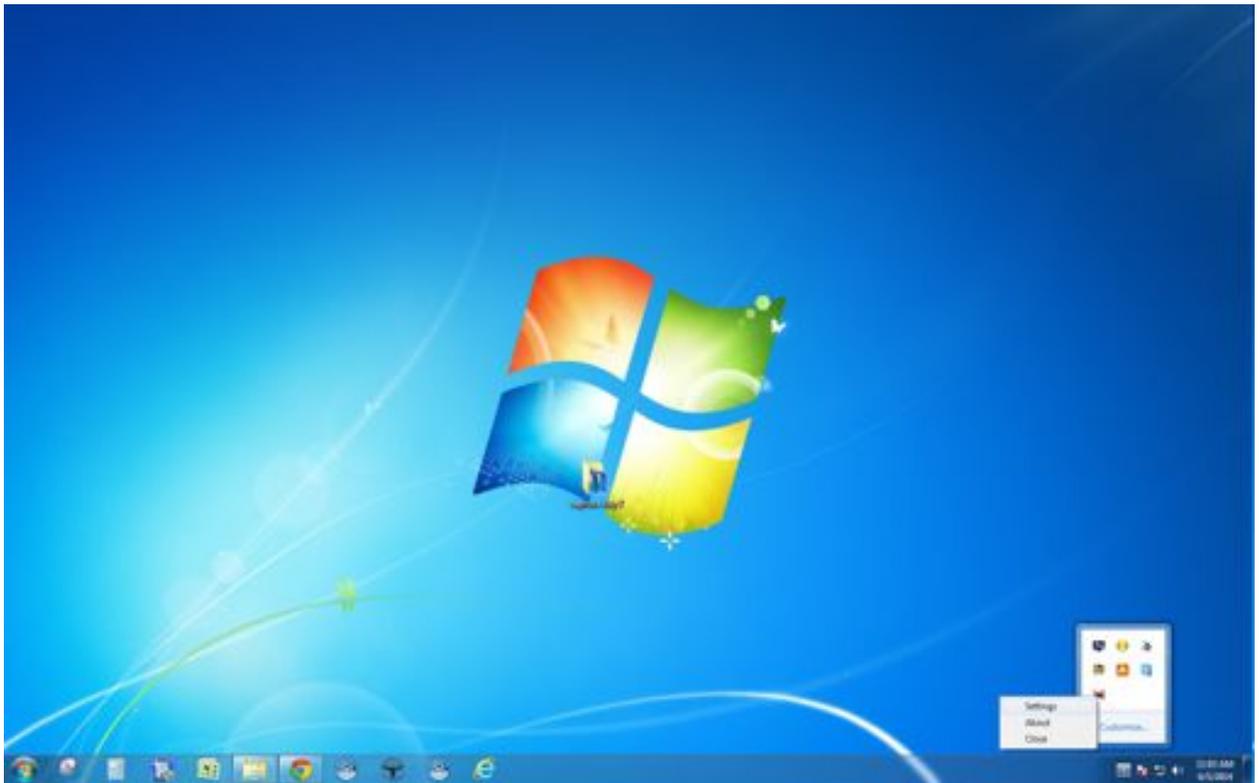


Make sure the drive (in this case the E: drive) corresponds to the drive that your SD card is connected to. Click yes and the settings will be saved. If you have Janus center installed already you can reinsert the SD card into the camera and power it on and the camera is now setup for wireless video transfer.



Wi-Fi Setup & Janus Center

In the lower right hand corner of the screen, click on your system tray (up arrow).
Right click Janus Center (red car) and click on settings



Wi-Fi Setup & Janus Center

Data Format- Select whether you want pictures or video files wirelessly transferred.

Data Folder- Location of where the video files will be transferred to

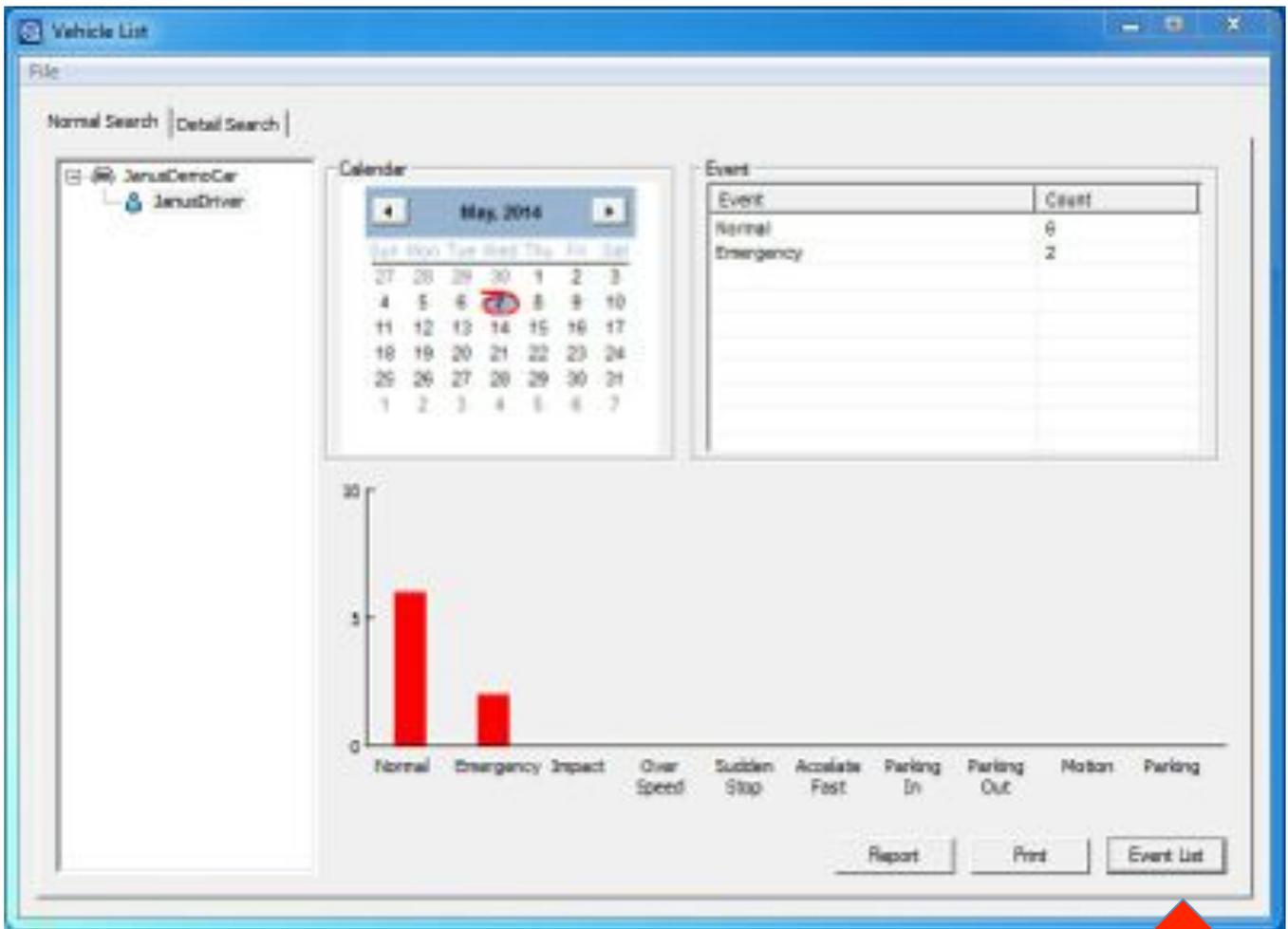


Once you have configured your settings, Press OK.

Wi-Fi Setup & Janus Center

Vehicle List (Janus Center)

Open Vehicle List



Here is where you can view the videos or images that have been transferred to the computer. To find a particular video, select the vehicle, driver, and date. Click Event list in the bottom right hand corner highlighted by the arrow.

Wi-Fi Setup & Janus Center

The Event list window below allows you to quickly access video data just like the Janus V2 HD with less detail in information.

The screenshot shows a software window titled "Event List" with a blue header and a close button in the top right corner. On the left side, there is a metadata section with the following text:

Name : JanusDriver
Car Number : JanusDemoCar
Date : 2014-5-7

Speed : 0 MPH
Latitude : 0.00000
Longitude : 0.00000

Below the metadata is a table with two columns: "Occurrence Time" and "Event".

Occurrence Time	Event
15:54:35	Normal
15:54:58	Emergency
15:55:19	Normal
15:55:26	Emergency
15:55:47	Normal
15:57:08	Normal
15:58:08	Normal
15:58:53	Normal

To the right of the table are two video thumbnails. The top thumbnail shows a forward-facing view from the driver's perspective, with a "Play" button below it. The bottom thumbnail shows an interior view of the driver wearing a red cap and a seatbelt, with "Play", "Prev", and "Close" buttons below it.