



IACAM2

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IACAM2

IACAM2 is a universal, rugged, waterproof camera that can be used either as a front-facing camera for rocks/obstacles or as a reverse assist camera, when mounted to the rear of your vehicle.

While this product is designed specifically for Insane Audio's head units, it will work in other applications. This Installation Guide will focus only on Installation with Insane Audio's JK1001.

Installation is fairly straightforward. However, if you are not entirely sure how to properly install this item, we highly recommend consulting a professional installation technician.

If you need any additional information or technical assistance, feel free to reach out to us anytime, at:

support@insanejeepaudio.com

Also, be sure to visit our online user forum where you can get technical information, share ideas, and join the Insane Audio User Community! Check it out at:

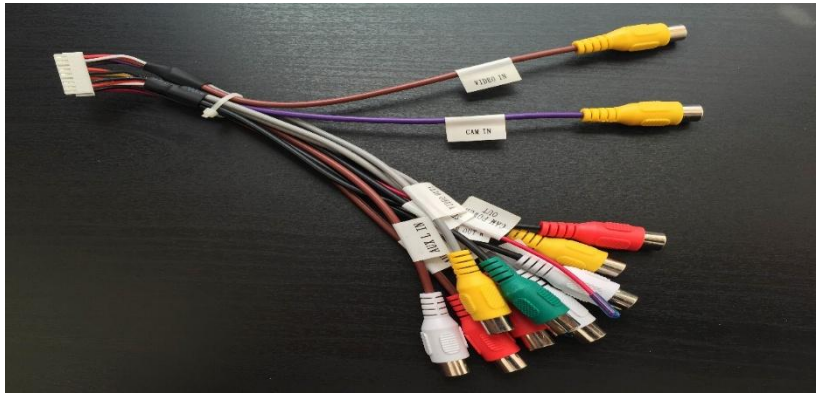
www.insanejeepaudio.com/forum

Enjoy your new camera and we'll see 'ya on the trails!

INSANE AUDIO

JK1001 INPUTS

Your JK1001 has an accessory pigtail with a number of different connections available. This pigtail plugs directly into the rear of your JK1001. Note the VIDEO IN and CAM IN ports below.



MOUNTING OPTIONS

IACAM2 can be mounted just about anywhere you'd like on your vehicle but is designed to be flush mounted on a flat surface such as in a bumper. Your IACAM2 should have come with a special drill bit to assist in mounting properly.

Wherever you decide to mount it, we recommend placing the camera in your desired location and checking the viewing angle on your JK1001 before permanently mounting.

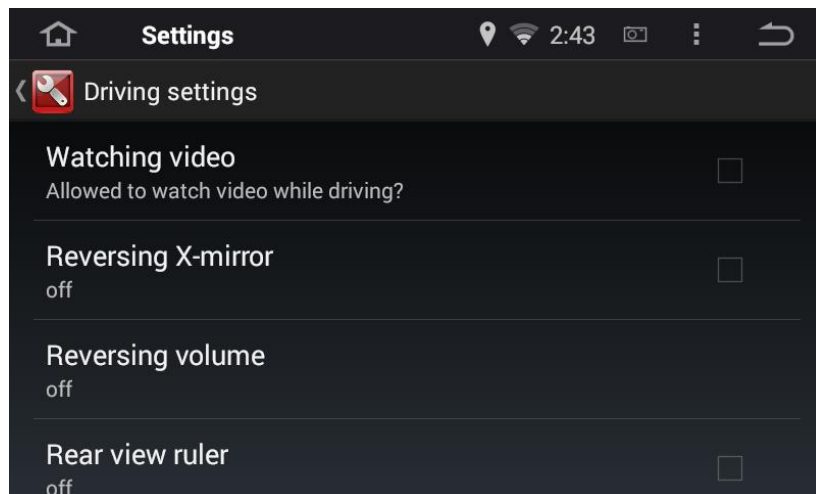
INSTALLING AS A BACKUP CAMERA

1. Place the camera in the desired location.
(If you plan on using the included hole saw and mounting hardware to flush mount the camera, please temporarily affix the camera where you plan on mounting it, to ensure a good viewing angle first.)
2. Tap in to your reverse light circuit for power.
3. Run the video extension cable from your IACAM2 to the CAM IN port on your JK1001
4. Seal all connections with waterproof tape or wire connectors
5. Test your camera by placing your vehicle in reverse, adjust the viewing angle as necessary. Mount camera to vehicle when proper angle is reached.

Insane Audio's JK1001 is pre-wired to automatically work with a reverse camera and your camera should automatically display when the vehicle is in reverse.

JK1001 SETTINGS FOR BACKUP CAMERA APPLICATIONS

If your IACAM2 is plugged into the CAM IN port (for backup camera applications) then there are a few options in the settings menu that you might want to know about.



ReversingX-Mirror – This allows you to reverse images on your backup camera so it looks the same as an image in your rearview mirror.

Rear volume – This adjusts the volume of any music playing while you are backing up. For safety reasons, the default setting for this is to stop all music when you are backing up.

Rear view ruler – This turns on or off parking guidelines

INSTALLING AS A FRONT CAMERA

1. Place the camera in the desired location.
(If you plan on using the included hole saw and mounting hardware to flush mount the camera, please temporarily affix the camera where you plan on mounting it.)
2. Power your camera from a switched 12V source.
3. Run the video extension cable from your IACAM2 to the VIDEO IN port on your JK1001
4. Seal all connections with waterproof tape or wire connectors

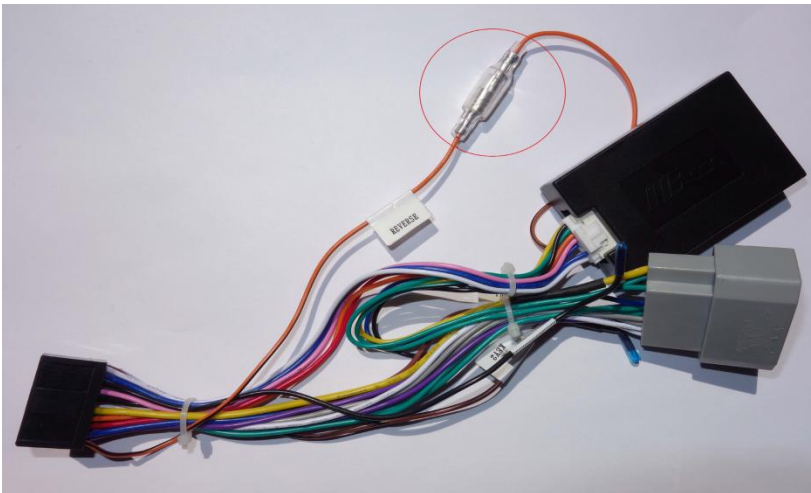
You can access your front camera through the AVIN app.

TROUBLESHOOTING FOR REVERSE CAMERA APPLICATIONS

Insane Audio's JK1001 is pre-wired to automatically work with a reverse camera and your camera should automatically display when the vehicle is in reverse.

Once everything is properly connected, if you place your vehicle in reverse and you see a "No Signal" warning, then that means that you aren't getting a clear signal to the CAM IN port. Be sure to double-check that your power and video connections are solid.

If everything is properly connected and you are still unable to see images from the camera when in reverse, be sure that the CAMERA wire on your JK1001 is properly connected.



FLUSH-MOUNTING DRILLBIT

The IACAM2 comes with an 18.5mm hole saw bit for a power drill. This bit can be used to flush-mount your IACAM2 in to your vehicle.

To do this:

1. Ensure the area you want to install your camera has been tested for viewing angles on your JK1001.
2. Be sure that there are no wires or hoses in the area that the hole will be drilled.
3. Mark the center of your hole to be drilled.
4. After installing the hole saw properly in to a power drill, place the protruding drill bit on to the center you just marked.
5. Drill through the area you want, making sure the hole saw goes all the way through the area you are drilling.
6. Unscrew the mounting collar from the front of the camera.
7. Place the camera and metal tension collar in the hole, from the back, so that the lens is facing the desired direction.
8. Screw the mounting collar on to the camera from the front of the hole.
9. Verify that your viewing angles are still correct and make any needed adjustments, then tighten mounting collar on camera completely.

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