

INSANE AUDIO

IACAM2

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 JK2001.

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@insaneaudio.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.insaneaudio.com/forum

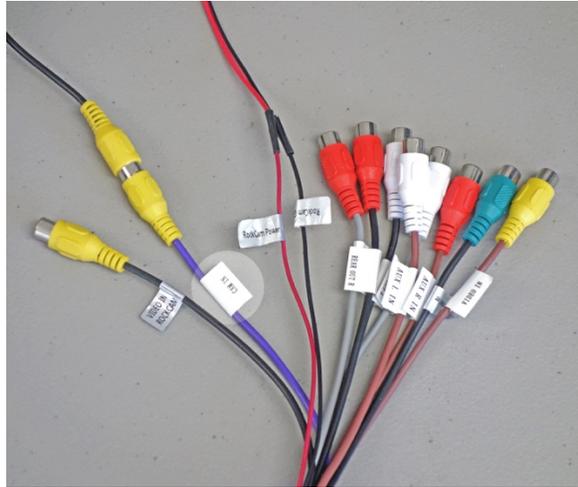
Enjoy your new camera and we'll see 'ya on the trails!

WWW.INSANEAUDIO.COM

INSANE AUDIO

ROCKCAM INPUTS

Your Insane Audio head unit has an accessory pigtail with a number of different connections available. This pigtail plugs directly into the rear of your head unit. Note the CAM IN and ROCKCAM VIDEO 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 screen before permanently mounting.

INSTALLING A S A BACKUP CAM

1. Place the camera in the desired location. ♣
2. Power your camera from the RockCam Power Out and ground wires on the accessory pigtail
3. Run the video extension cable from your IACAM2 to the CAM IN port
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.

INSTALLING A S A FRONT CAMERA

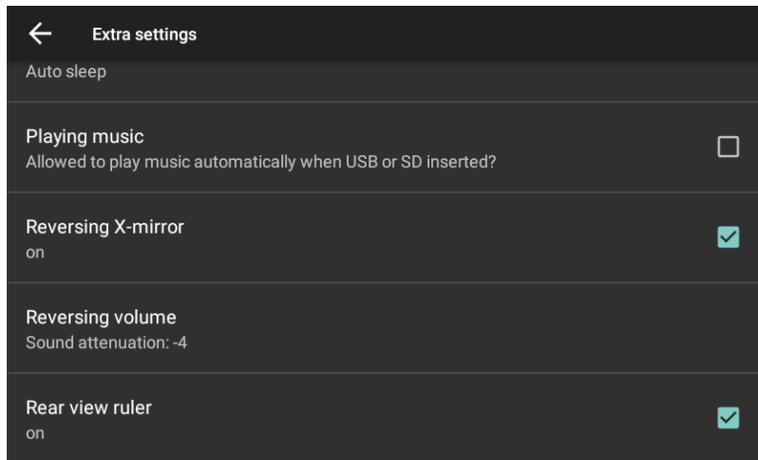
1. Place the camera in the desired location. ♣
2. Power your camera from the RockCam Power Out and ground wires on the accessory pigtail.
3. Run the video extension cable from your IACAM2 to the RockCam Video In port
4. Seal all connections with waterproof tape or wire connectors

You can access your camera through the RockCam app.

♣ *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.*

ANDROID 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.



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

Reversing volume This adjusts the volume of any music playing while you are backing up.

Rear view ruler This turns on or off parking guidelines.

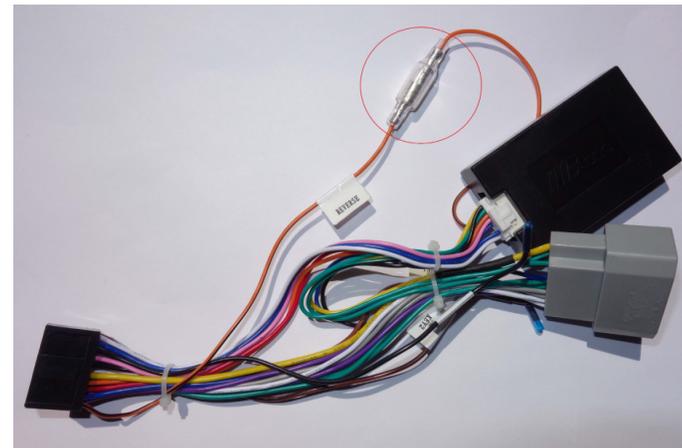
TROUBLESHOOTING FOR REVERSE CAMERA APPLICATIONS

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.

JEEPS

Insane Audio’s JK2001 is pre-wired to automatically work with a reverse camera and your camera should automatically display when the vehicle is in reverse.

If everything is properly connected and you are still unable to see images from the camera when in reverse, be sure that the REVERSE connectors on your JK2001 is properly connected.



MANUAL TRANSMISSION JEEPS

If you have a manual transmission in your Jeep and your camera is not activating when in reverse, simply run a wire from your reverse lights directly to the head-unit side of the orange reverse trigger wire.



FLUSH-MOUNTING DRILL BIT

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 head unit.
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.

WWW.INSANEAUDIO.COM