



IACAM2



WWW.INSANEAUDIO.COM

IACAM2

IACAM2 is a universal, rugged, waterproof camera that can be mounted as a front or rear facing camera.

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.

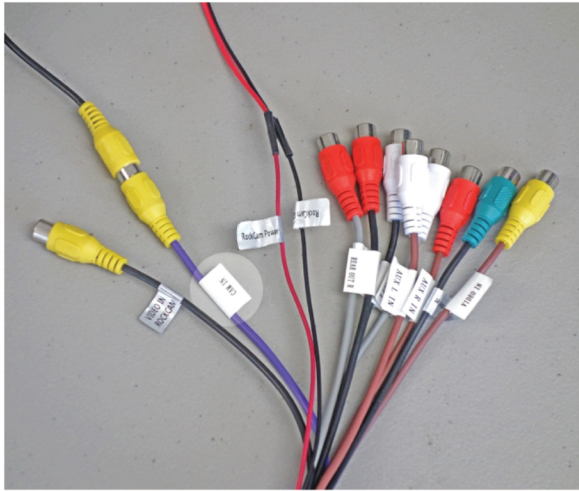
If you need any additional information or technical assistance, feel free to reach out to us anytime, at:
support@insaneaudio.com

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



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 and can be used as either a front facing camera or as a reverse camera. Either way, we recommend placing the camera in your desired location first then check the viewing angle on your screen before permanently mounting.

INSTALLING AS 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. These wires can support up to two cameras.
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 AS 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 front camera through the **RockCam app**.



PROGRAMMING IACAM2

Insane Audio's IACAM2 has a single push button switch that enables you to program certain core features of the camera to support different vehicle applications.

The switch modes are based on continuous button press times. You first need to enter the desired programming mode, then you can toggle options.

To enter a desired programming mode, press the button continuously in 0.5 sec intervals after the button is depressed.

After the camera goes into a specific mode, you can toggle features by pressing the button again between 0.5 and 3 sec. After 3 sec, the camera will return to default mode.

You may revert to factory settings by holding down the button for 3 sec.

IACAM1 PROGRAMMING MODES

1. Turn on/off guide lines (default mode)
2. Image upside down/left and right reversal
3. Image system NTSC/PAL shift
4. Guide line selections
5. Guide line narrows and widens
6. Guide line shift up and down

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.



SPECIFICATIONS

Image sensor

1/4" color CMOS

TV system

PAL/NTSC

Effective pixels

628 x 586

Sensor size

5.78mm x 4.19mm

Resolution

480TVL

Minimum Illumination

0.3LUX/F1.2

Lens

3.6mm/2.8mm/1.8mm



SNR ratio

>48dB (AGC-OFF)

Electronic Shutter

1/50 – 1/10000 sec

Video Output

RCA connector

Viewing Angle

170°

Maximum Current

150 mA

Power Supply

9-24 VDC

Operating Temperature

-22°F – 122°F, RH 95%

Storage Temperature

-30°F – 150°F, RH 95% Max

Weight

700 g

Other Function

AWB, AGC, BLC

