Insane AUDIO IACAM2 Universal Front or Rear Facing Backup Camera Instruction Manual

**IACAM2 Universal Front or Rear Facing Backup Camera
Instruction Manual**

IACAM2
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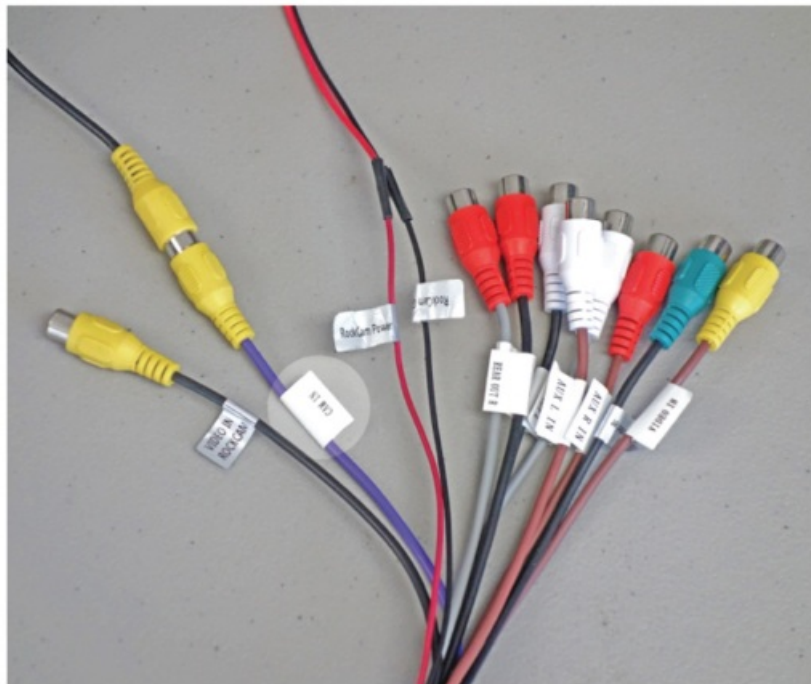## IACAM2 Universal Front or Rear Facing Backup Camera

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

Documents / Resources

Insane AUDIO IACAM2 Universal Front or Rear Facing Backup Camera [pdf] Instruction Manual
IACAM2 Universal Front or Rear Facing Backup Camera, IACAM2, IACAM2 Backup Camera, Universal Front or Rear Facing Backup Camera, Rear Facing Backup Camera, Front Facing Backup Camera, Universal Front Facing Backup Camera, Universal Rear Facing Backup Camera, Facing Backup Camera, Backup Camera, Camera