



**IACAM1**

[WWW.INSANEJEEPAUDIO.COM](http://WWW.INSANEJEEPAUDIO.COM)

### IACAM1

IACAM1 is a universal, ruggedized, waterproof camera that can be used as either a front facing rock cam or as a backup camera.

While this product is designed specifically for Insane Audio's JK1001, it will also work in other applications. This installation guide will focus only on installation with Insane Audio's JK1001.

Installation is fairly straight forward, however, if you are not entirely sure what you are doing we highly recommend consulting a professional installer.

For technical support or additional information, feel free to reach out to us anytime at: [support@insanejeepaudio.com](mailto:support@insanejeepaudio.com).

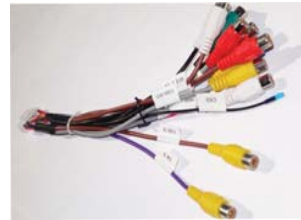
Also, be sure to visit our online user forum where you can get technical information, share ideas and join the Insane Audio user community. Check it out here: [www.insanejeepaudio.com/forum](http://www.insanejeepaudio.com/forum)

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

*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

IACAM1 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 JK1001 before permanently mounting.

### INSTALLING AS A BACKUP CAMERA

1. Place the camera in the desired location
2. Tap into your reverse light circuit for power
3. Run the video extension cable from your IACAM1 to the CAM IN port on your JK1001
4. Seal all joints with waterproof tape
5. Test out your camera by placing the vehicle in reverse, adjust the viewing angle as necessary then mount your camera.

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.

### INSTALLING AS A FRONT CAMERA

1. Place the camera in the desired location
2. Power your camera from a switched 12V source such as a cig lighter port
3. Run the video extension cable from your IACAM1 to the VIDEO IN port on your JK1001
4. Seal all joints with waterproof tape
5. Test out your camera, adjust the viewing angle as necessary then mount your camera.

You can access your front camera through the AVIN app on your JK1001.

### PROGRAMMING IACAM1

Insane Audio's IACAM1 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 .5 sec intervals after the button is depressed (i.e. don't count while holding it down)

After the camera goes into a specific mode, you can toggle features by pressing the button again between .5 and 3 sec. After 3 sec, the camera will return to default mode.

IACAM1 programming modes:

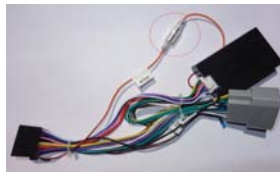
1. Turn on/off Guidelines (default mode)
2. Image upside down/left and right reversal
3. Image system NTSC/PAL shift
4. Guideline selections
5. Guideline left and right extension
6. Guideline shift up and down

### 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 hooked up properly, if your vehicle is in reverse and you see a "no signal" warning, then that means that you aren't getting a clean signal to that CAM IN port. Check your camera connection and power connection.

If everything is hooked up properly and when your vehicle is in reverse nothing at all happens, make sure the CAMERA wire on your JK1001's wiring harness is fully engaged.



If you require any further support or if your wiring harness looks different than the one above, please hit us up at [support@insanejeepaudio.com](mailto:support@insanejeepaudio.com)

### Specifications

Image sensor	1/4 inch color CMOS
TV system	PAL/NTSC
Effective pixels	628*566
Sensor size	5.78*4.19mm
Mechanism	Internal
Resolution	480TVL
Min. illumination	0.3LUX/F1.2
Lens	3.6mm/2.8mm/1.8mm
SNR ratio	more than 48db(AGC-OFF)
Electronic shutter	1/50 - 1/10,000 seconds
Video output	RCA connector
Viewing angle	170°
Current consumption	≤150mA
Power supply	DC 9-24V
Operating temperature	-22°F - 122°F, RH 95%
Storage temperature	-30°F - 150°F, RH 95% Max.
Weight	700G
Other function	AWB, AGC AND BLC

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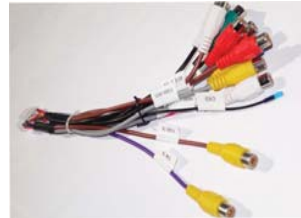
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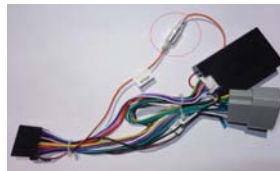


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