



# Chasecam Bullet Camera

Product Manual

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[www.chasecam.co.uk](http://www.chasecam.co.uk)

# Bullet Camera Product Information

(applies to medium and high resolution versions)

## Contents

Your package should include the following:

1. ChaseCam Bullet Camera and MiniDIN adapter
2. RCA-RCA Adapter
3. Extension Cable
4. Power input (battery pack, cig lighter, or hard wire)
5. Amplified microphone (optional)
6. Antifog Sheet Packet



Picture of Battery Pack and Cigarette Lighter Adapter - (batteries not supplied)



Image of the Bullet Camera & adapter



Image of the Amplified Microphone

## Installation Instructions

1. Remove all items from the shipping box. Make sure nothing is missing!
2. Decide where you would want to install and position your camera. Your choice of cabling might depend on the distance of the bullet camera to your recording device.
3. If needed, attach the MiniDin extension cable to the camera and adapter. When connecting the MiniDin connectors, use care to align up the connectors correctly.
4. Determine the location for your power source. If it's the vehicle's battery, then you can plug in the cigarette lighter adapter into the cigarette lighter power socket. If you are using a battery pack, then determine the proper location for the battery pack. Note, if you are going to be experiencing shock and vibration, please use the supplied battery retainer band on your battery pack. In extreme cases, you may find that wrapping the DC-DC connections with electrical tape will help. For hard wiring, connected the lead with the white stripe to +12VDC. **DO NOT REVERSE THE CONNECTIONS** or damage to the camera will result. Note, you can use a 9V battery directly connected to the battery cable. You will have less battery life as compared to 8 AA batteries.
5. (Amplified Microphone users only)- Insert the microphone's power input connector into your power source. Place the microphone out of the wind. In a glove box, behind or under a seat are good places. The white RCA connector from the microphone will plug into your recording device's audio input. You can use either Left or Right channel.
6. Plug the bullet camera's power connector into the power source. If you are using an amplified microphone, you will plug the camera into the power output from the microphone. If you need to physically separate the camera and microphone, we offer an optional DC "Y" cable as a splitter.
7. Plug the yellow video connector (Video Output) into your recording device's video input (normally also yellow) using either the supplied RCA adapter or directly if possible.
8. Attach the bullet camera in the proper position and alignment. Use your recording device to check the camera's alignment and aim. If you are using a battery pack, you may wish to disconnect it from the camera/microphone at this time so as not to drain the batteries.
9. If your plastic lens protector film is still on, remove it!



Camera, microphone, and battery pack all connected

## Notes and Frequently Asked Questions

1. If you are using a battery pack in high shock use, please use the supplied battery retainer band (shown on battery pack image). This will ensure that the batteries will not pop out under high shock. If you need even more retention, we recommend tape.
2. In extreme shock and vibration, we find that wrapping the connections (mainly DC-DC) with electrical tape or painters tape has helped.
3. Rechargeable AA Batteries (NiMH) are inexpensive and give good results. You can also use alkaline. You should get a minimum 8 hours of battery life. You can also use a 9V battery.
4. The bullet camera is weatherproof. The connectors on the cable are not.
5. If you need a different angle lens, let us know. We can supply a 92 or 120 degree angle of view lens
6. The front lens cover is replaceable should it become damaged. Ask us if you need one.
7. In use during extreme temperature changes, you can experience some internal fogging on the lens. Preheating the camera before using in the cold can help. We supply an anti-fog cloth also. To use, carefully unscrew the front lens cover. Remove the interior protective lens disc. Wipe with the supplied cloth on both sides and then replace the lens, making sure the o-ring is correctly placed. Screw the front of the housing back on.
8. There is a standard tripod screw on the back of the bullet camera. You can mount the cam using any of the clamp or suction mounts we sell or using the bullet cam mounts we offer also. We also have mounts for a wide variety of roll bar sizes. Take care to not overtighten the mount to back end of the bullet camera, as it can damage the internal electronics/cabling. We do recommend using our ChaseCam Camera Cradle for superior results.
9. We can supply extension cables should you need more distance from the camera to your recording device. We also have various cable adapters and remote controls for camcorders.
10. Your Camcorder needs to be set on VTR/VCR mode in order to record external video. Please

check your owner's manual. Many camcorders use a standard Mini A/V Adapter cable that plugs into a small jack with a yellow ring on it or in the case of newer Sony camcorders, a small "D" shaped connector. The other end of the cable should be RCA jacks. If you do not have your adapter cable, we can supply one and they are available at Radio Shack.

11. We have many other mounts and accessories in our store.



ChaseCam Bullet Camera shown attached to one of our standard mounts



Attached with a ChaseCam Cradle and with the SM30 suction mount

All of our products come with a 30 day satisfaction guarantee. If you are not happy, return the product for a full refund (purchase price, not including shipping) or replacement.

[www.chasecam.co.uk](http://www.chasecam.co.uk)