

[Skip to content](#)

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# QFX CAM-1 Rear View Backup Camera User Manual

[Home](#) » [QFX](#) » QFX CAM-1 Rear View Backup Camera User Manual



## Car Rear View Camera User Manual

Thank you for purchasing the CAM-1. Installation of this rear view backup camera system should be performed by an automotive equipment installation specialist.

### Contents [hide](#)

[1 Safety:](#)

[2 Box Contents:](#)

[3 CAM-1 Installation](#)

[4 Wiring Diagram:](#)

[5 Specification:](#)

[6 LIMITED PRODUCT WARRANTY POLICY](#)

[7 Documents / Resources](#)

[7.1 References](#)

[8 Related Posts](#)

### Safety:

1. In order to maintain optimal operation, the camera should be cleaned regularly. Remove any dirt, water droplets, snow, etc. in order to ensure best image quality.
2. Although the camera is an IPX-rated device, it should not be washed with a jet of water under high pressure as it may damage the camera lens.
3. Keep the camera cables away from the vehicle's exhaust system, engine or heat-generating components.
4. The camera is designed to operate on 12V DC voltage. Do not use attempt to connect it to vehicles that supply 24V DC as it may permanently damage the unit.
5. Specification are subject to change without prior notice.

### Box Contents:



## CAM-1 Installation

**Installation and Operation Guidelines:** (may vary depending on your specific vehicle) Recommended tools that you may need to complete this installation include a flathead and Phillips screwdrivers, digital multi-meter, wire strippers/cutters, electrical tape, cable ties, double-stick tape and more depending on your vehicle.

- Make sure your vehicle is turned off and that the parking brake is engaged
- Safely disconnect the vehicle positive (+) and negative (-) battery terminals
- Remove the license plate (if necessary).
- Connect the power cable to the camera power input connector (red).
- Connect the power cable to the reverse light of the vehicle.

**NOTE:** As an alternative, some aftermarket stereo wiring harnesses have a direct connection to reverse power (+12VDC).

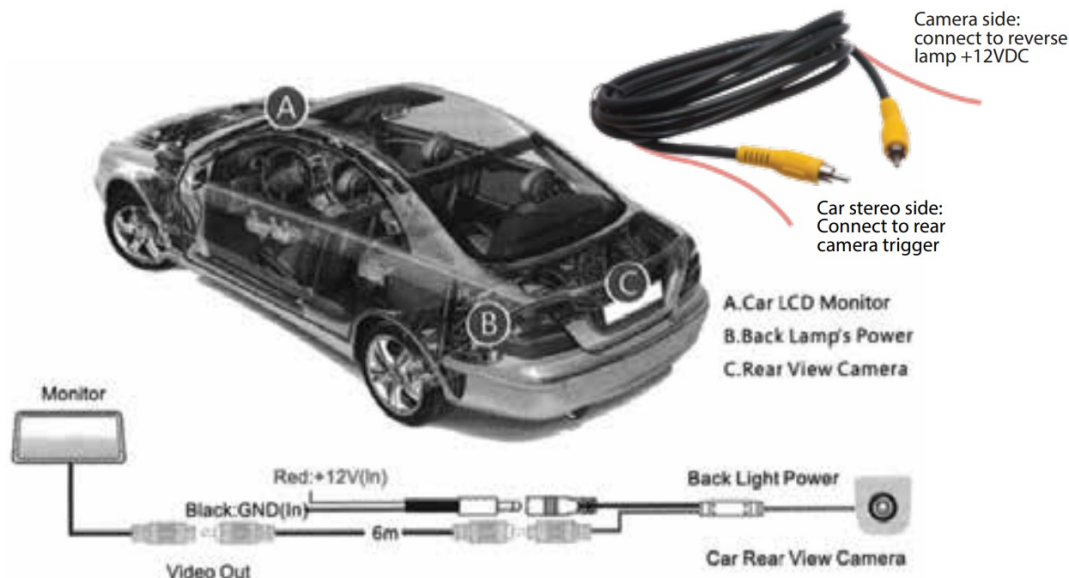
- Connect the video cable to the camera video connector (yellow).
- Extend the video cable to the front of the vehicle and connect it to the video monitor or backup mirror display.
- After checking all connection, safely reconnect the battery terminals.
- Start the vehicle.
- Put the car in reverse and with brake engaged check if the monitor turns on and displays the rear video feed.
- If it works, turn the car off. o If it doesn't work, recheck all connections and retry. Please note that in order for the display to show the video feed, it needs a signal to alert the system that the car is in reverse.
- Once proper operation and alignment has been confirmed, affix the camera (or license plate camera) to the vehicle's frame or license plate, protect and neatly organize wiring/cables using electrical tape, cable ties, double-stick tape, etc.

## Wiring Diagram:

Regarding the red wires on the yellow video cable (RCA male to RCA male):

D. Connect the camera side red wire to the reverse lamp 12VDC power.

E. Connect the other end red wire to the car stereo rear camera trigger wire



## Specification:

Image sensor	CCD
Signal System	NTSC/PAL
Effective Pixel	728 x 500
Sync System	Internal
Horizontal Resolution	500TVL
Min. Illumination	0.01lux/F1.2
Diagonal Angle	120°
Waterproof Rating	IP69K
Power Supply	12VDC
Working Temp	-22F to 176°F (-30°C to 80°C)

## LIMITED PRODUCT WARRANTY POLICY



Before returning your Product for service under this Warranty, please (i) read the instruction manual carefully and visit our website at [www.qfxusa.com](http://www.qfxusa.com) for Product updates and extended support documentation (e.g., Common Troubleshooting Guides); (ii) if you are still having trouble with your Product, please contact the QFX Customer Support Department.

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## Documents / Resources



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CAM-1, Rear View Backup Camera, Backup Camera, Rear View Camera, Camera, CAM-1 Backup Camera

## References

- [QFX – Where The Party Begins](#)
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