



A Safe Fleet Brand



Product Manual Installation Instructions

Backup Camera System with License Plate Camera and 3.5" Display

RVS-778607

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IMPORTANT NOTICE

Please read this manual before installation.

Congratulations on your purchase of a Rear View Safety Backup Camera System.

Installation Location

In some jurisdictions, it is unlawful for a person to drive a motor vehicle equipped with a TV monitor or screen located forward of the back of the driver's seat or in any location that is visible, directly or indirectly, to the driver while operating the vehicle.

After reading this manual you will be able to properly install and operate this system.

The backup camera system is not intended to be installed as a supplement aid to your standard rear-view mirror that exists in your vehicle. The backup camera system is not intended as a substitute for a rear-view mirror or any other motor vehicle equipment required to be installed by law.

Product Info

Product Includes:

- 3.5" LCD Color Monitor
- 170° License Plate Camera
- 15' RCA Extension Cable
- Power Cables
- 3M Mounting Pad



This system is complete with a color 3.5" LCD monitor, 170° MT9V136 camera with night vision and all the wires, connectors and mounts you will need. The system is weatherproof, strong and reliable, shock resistant and comes with a full year warranty.

Rear View Safety Inc. We reserve the right to change or modify product specifications or measurements without notice.

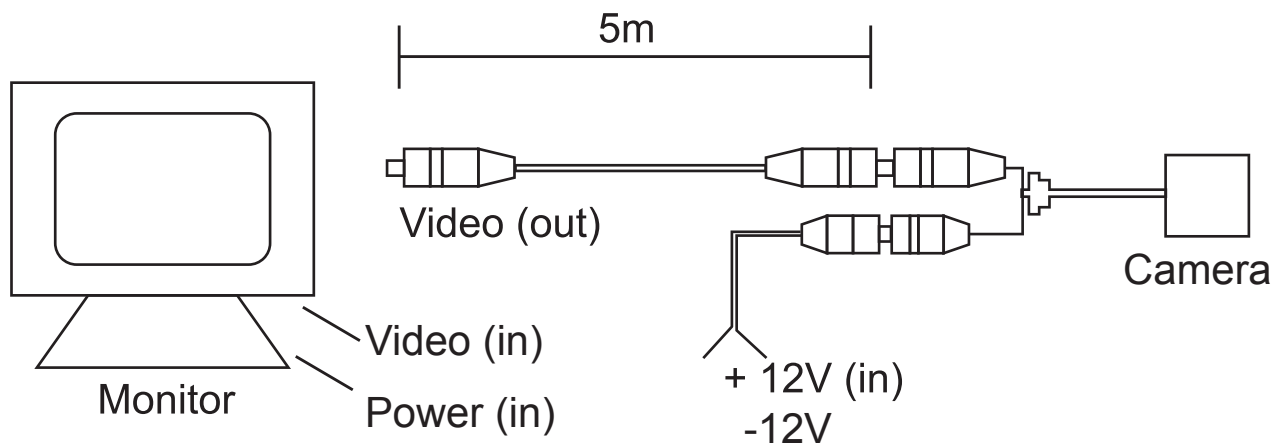
Product Info

Camera	
Camera	MT9V136
Effective Pixels	668x576/668x512
TV System	PAL/NTSC
TV Lines	480
Viewing angle	170°
Weatherproof Rating	IP68
Night Vision	Yes
Usable Illumination	0.5 Lux
Power Source	DC 12V-24V (+/- 10%)
S/N Ratio	48dB
Electronic Iris	1/50, 160-1/100,000 sec
Video Output	1Vp-p 75 Ω
Shutter Type	Electronic Rolling Shutter (ERS)
Vibration and Shock Rating	10G / 100G
White Balance	Auto
AGC	Auto
Operating Temperature	-30 °C ~ +70 °C / RH 95% Max
Storage Temperature	-50 °C ~ +50 °C / RH 95% Max

Product Info

Monitor		
TV System	PAL	NTSC
Effective Pixel	628X586 pixels	656X462 pixels
Electronic Shutter	1/50-1/100,000 sec	1/60-1/100,000 sec
Scanning System	2:1 Interlace	
Sync System	Internal	
Resolution	420 TV Lines	
Lens Angle	2.8mm/120 - 1.8mm/710°	
Sensor Area	5.961mm X 4.276mm	
Video Output	1.0Vp-p 75 Ohm	
S/N Ratio	More than 48db	
Water proof	Ip67	
Minimum Illumination	0.2Lux/F1.5(0 Lux With LED)	
Current Consumption	No More 300mA	
Power Supply	DC 12V+10%	
Operation Temperature	-20 C~60 C (Rh95% MAX)	
Storage Temperature	-30 C~60 C (Rh95% MAX)	
Other Items	Automatic white balance, Agc and BLC	
Monitor Dimensions	3.3/4"(W) x 3"(H) x 3/4" (D)	

Installation



To automatically have the camera & monitor turn ON when the vehicle is turned on, simply connect the red power line 12V+ to ignition power which can be an accessory switch/fuse line & connect the black power line to ground.

To automatically have the camera and Monitor turn ON only when vehicle goes in reverse, simply connect the cameras red power line 12V+ to the vehicles reverse tail lights and the black wire to ground. Connect the 15' RCA video cable camera and monitor side, then attach monitors red power line 12V+ to reverse gear which can be an accessory switch/fuse line and the black wire to ground.

Mount the camera adjust the lens of the camera to its position. Connect power cord 12+ (red) and 12V- (black) to your vehicle's DC12V power system. Connect the camera video output (yellow) to the display in your vehicle. The white RCA cable (plug) is also a "Video IN" cable. The monitor accepts 2 video inputs (yellow and white). To alternate between inputs, cut power to either input.

Troubleshooting

Monitor will not power up /
no backlight on power button

- Check fuse
- Check 12v+ to monitor.
- Check ground connection.

No image on screen

- Verify camera is on correct camera input.
- Verify cable is connected to monitor.
- Verify camera is connected to cable.
- Connect known good camera and cable to monitor.

WARNING

- The monitor should be situated away from direct sun light, heat, water or moisture.
- This product is made with precise electronic components that should be handled with care.
- Make sure the monitor stand is firmly fixed to secure location.
- Please take special care to the wire positioning while installing the rear view system in order to avoid wiring damage.

SAFETY PRECAUTIONS

- The rear view system is intended to be used when the vehicle is in reverse. Please do not watch movies or operate the monitor while driving. It may result in an accident.
- Do not install the monitor where it may obstruct drivers view or obstruct an air bag device.
- Do not attempt to service this product on your own. If the system has any problem, please disconnect power to the unit and contact customer service.
- Dropping the unit may cause possible mechanical failure.



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Customer Service

Rear View Safety Inc.

1797 Atlantic Ave

Brooklyn NY 11233

Tel: 800-764-1028

www.rearviewsafety.com