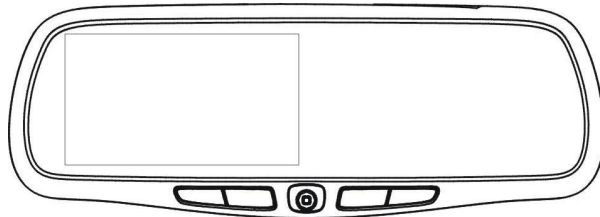




Replacement Rear View Mirror with built-in 4.5in LCD Monitor & Hands-Free Phone Interface

Model: SV-9145

Installation Manual



Features:

- **Rearview Mirror with 4.5" LCD**
- **Auxiliary Video Input**
- **Rearview Camera Input**
- **PAL/NTSC system compatible**
- **Cellular Phone Hands Free Input**
- **Hands Free Microphone Built-in**

Cautions!

The product is intended to assist in safe driving and to allow the driver to have a broader rearview while backs the vehicle. You, as a driver, are solely responsible for the safe operation of your vehicle and the safety of your passengers according to the country and their local traffic regulations. Do not use any features of this system to the extent it distracts you from safe driving. Your first priority while driving should always be the safe operation of your vehicle.

1. This product utilizes high voltage. Any unauthorized modifications or damage to the products may result in electrical shock. Handle all components with care. Inspect regularly for damage to components and cabling.
2. You must be responsible to ensure that the installation of this product does not void or affect the vehicle manufacturer's warranty. MediaView Technologies Corporation, or its branches are not liable in full or in part for improper installation resulting in loss or damage to your property, or for voiding all or part of the vehicle manufacturer's warranty.
3. Do not apply excessive force to any of the components contained within this kit. Excessive force used before, during or after installation that results in a damaged or non-functional part shall void all warranties.
4. Please follow the procedure from this installation manual. Improper installation or modification of this product shall void all warranties.
5. You are advised not to display the external video input while driving when using the hands free feature, you should observe the road situation carefully to avoid traffic accidents.
6. Make selections only when stopped. Please don't use remote controller when driving.

Packing list

The Rear view mirror Model SV-9145 consists of the following items:

1. Rear View Mirror-1
2. Control Box-1
3. Filter Box -1
4. Control Box Monitor Cable -1
5. Mobile Phone Hands Free Cable Plug-1
6. Mobile Phone Adhesive Magnetic Seat-1
7. Audio and video cable -1
8. Video Cable Adapter -1

Installation Instructions

1. Mount the Mirror/Monitor

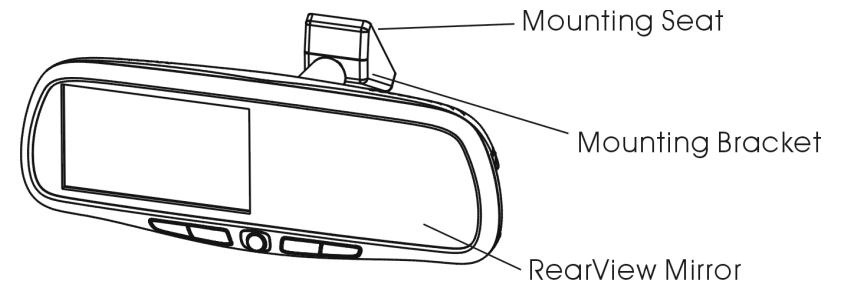


Figure 1

- a) Remove the original factory mirror. (Do not use excessive force when removing factory mirror.) Check to make sure that the factory mirror mount you remove matches the mirror mount on the replacement mirror.
- b) Slide the receiving bracket on the back of the new mirror stalk onto the windshield-mounting button. Move the bracket back and forth until completely seated.
- c) Tighten the T-20 mounting bracket screw.

2. Install The Control box, Filter Box

Connect the control box cable to the rearview mirror /monitor cable.

Rout the monitor cable behind the headliner of the windshield. And then connect 4 wires in the following manner:

Red wire - Ignition Switch (12 volt when vehicle is Ignition)

Black wire - Chassis ground (negative)

Green wire - Reverse light switch (12 volt when vehicle is in the reverse gear)

Yellow wire - Parking brake switch (12 volt when vehicle is in the parking state)
WARNING: Observe polarity when connecting the cables .the cable must not be reversed or modified.

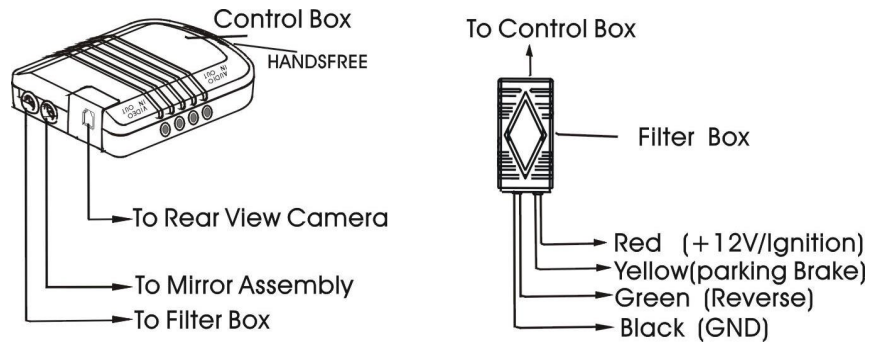


Figure 3

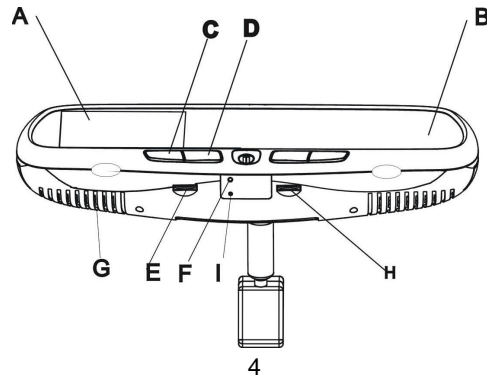
4. Signal Inputs

The signal input connections for the system include:

Rear Camera: Plug the RJ 11 camera cable end into the control box

AVin-1 location, route the cable to the rear camera and plug the 4-pin connector into camera 4 pin connector. Users can see the rearview camera image when the car is shifted into reverse.

5. Controls and Indicators



4

Figure 4

Figure 3 And Figure 4 shows the function of rear view mirror.

- A: 4.5" LCD panel ;
- B: Rearview Mirror ;
- C: SW1 ;
- D: SW2 ;
- E: LCD Brightness Control ;
- F: Power Indicator (Red when Power is on) ;
- G: Internal Speaker;
- H: Volume control ;
- I: Internal microphone .

4

SW1 AND SW 2

- 1). Vehicle Reversing:
No function
- 2). Vehicle Driving:
SW1: When the vehicle is parking, press the button will turn on or off the display monitor.
SW2: Press the button will display or off the image from the rearview camera.

6. Operation

1) How to turn the Rearview Mirror on/off

- A. The system is automatically on when ignition is turned on.
- B. The system turns off when ignition is turned off.

5

2) How to view the Rear-observation Camera Image

- A. The LCD can display the rearview camera image automatically whenever the vehicle is shifted into the reverse gear.
- B. When press SW2, the LCD can display the rearview camera image.
- C. Press SW2 again, the LCD can automatically switch back to the original setting.

3) Volume Control

- A. The switch H is adjusted for control volume.
- B. The switch is on the right bottom of the mirror.

4) LCD Monitor Brightness Control

- A. The brightness adjustment control is switch E.
- B. The switch is on the left bottom of the rearview mirror.
- C. Rotating the wheel to the right can decrease the brightness.
- D. Rotating the wheel to the left can increase the brightness.

5) How to play an external audio or video signal

- A. Be sure the external audio or video device is engaged.
- B. Press SW1 to turn **on/off** the LCD and the external signal input.

NOTE: The function can be used only when the vehicle is parked.

6) Cellular Phone Hands-Free Operation

- A. Firstly, attach the round metal adhesive disc to the back of your mobile phone while it not in use; secondly, attach the mobile phone adhesive magnetic mount to your selected spot of the

dash area; finally, place the cell phone with the metal discover the center of the magnetic seat, it can be attached tightly to the dash.

- B. Plug in the 2.5mm hands free cable into your cell phone headset jack. The other end of this cable should be connected to the mirror jack.

NOTE: An adapter must be used if your cell phone hasn't a 2.5mm headphone jack. There aren't any cell phones compatible with this mirror hands-free circuit.

- Occasionally clean the surface of the mirror with a soft cloth. (The cloth can moisten with water or window cleaner.)

Specification

General

Power Supply	12VDC
Power Consumption	<12W
Current Draw	<6 50mA
Video Input	1Vp-p/ 75 Impedance
Audio Input	<=1V
Audio Power Output	0.5W x 2 (16O)
Operating Temperature Range	0? to 50?

Display System

Screen	4.5" TFT Color LCD
Brightness	400 cd/?
Contrast Ratio	150 : 1
Backlight Life	10000 hours
Resolution	960x 234
Video Format	PAL/NTSC auto detect
Display Format	16 : 9

Though your Rearview mirror requires little care, you can still maintain its condition and performance by following the procedures below.

- Keep your system away from excessive moisture, extreme heat or cold, and magnetic fields.
- Keep liquids away from the display and mirror.
- To avoid damage, do not place external devices or other objects on the top of the mirror.
- Occasionally wipe the rearview mirror set with a soft damp cloth.

Troubleshooting

Symptoms	Solutions
The ON/OFF signal light <E> is not on after the car is started?	<ol style="list-style-type: none"> 1. Check the installation-wiring diagram. 2. Ensure that the parallel red and black line from the control box is connected properly. 3. Check for 12 volts on the blue wire while the ignition on.
No video signal appears while reversing the car?	<ol style="list-style-type: none"> 1. Check the rearview Camera lens. 2. Check the rearview Camera wiring and connection. 3. Check the cable from the rearview mirror is connected to the control box. 4. Check out the wire connection (to find out whether the system's reverse wire cable is connected to the reverse switch gear of the car)
Video image is not sharp enough?	Clean the lens of the camera.

Illustration of Connections

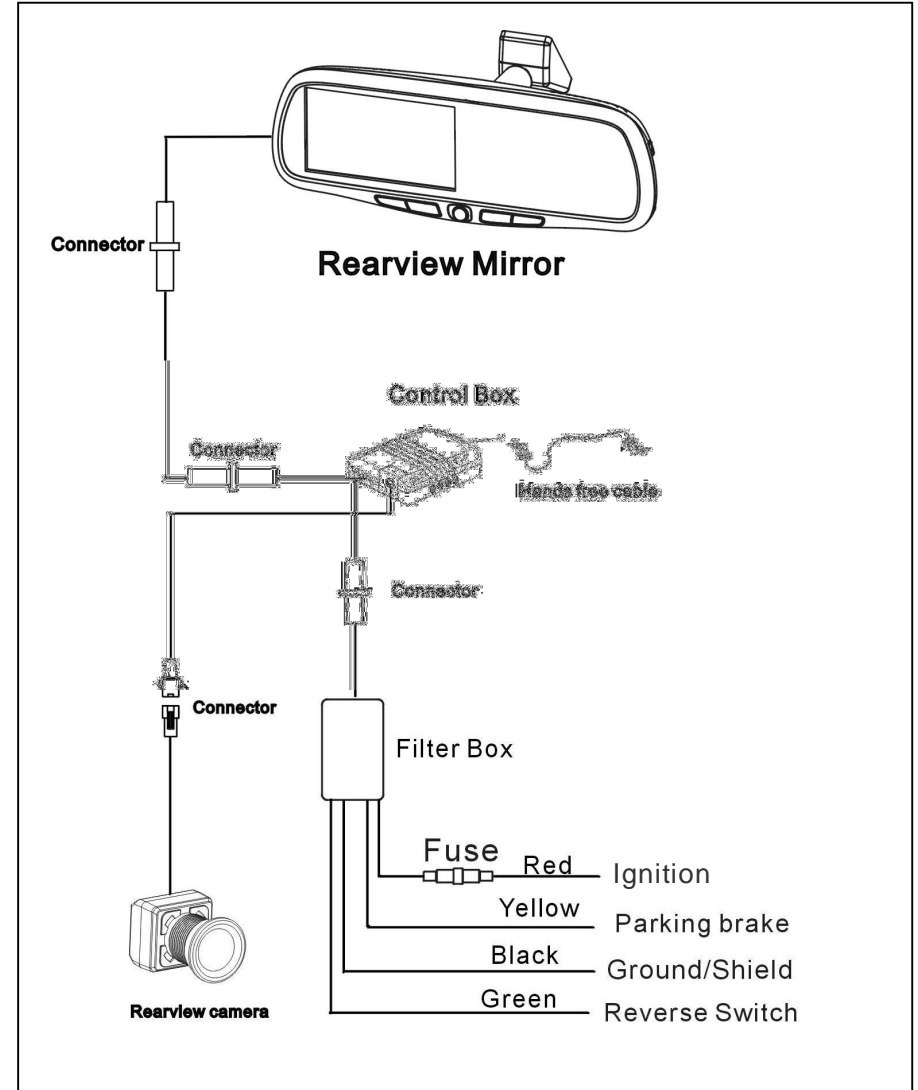


Figure 6

**CRIMESTOPPER
SECURITY PRODUCTS, INC.
1770 S. TAPO STREET
SIMI VALLEY, CA. 93063**

**TECH SUPPORT:
PHONE: 800-998-6880
FAX: 805-581-9500
WWW.CRIMESTOPPER.COM**