



SV- 6911.IR

Hanging Style Rear View Camera with Night Vision



INSTALLATION INSTRUCTIONS:

The SV-6911.IR is a hanging style Rear View Camera with Night Vision. It can be mounted up high on the back of the vehicle which makes it perfect for bigger vehicles such as Semi Trucks, Motor Homes, Trailers, and Vans. It can also be mounted down low on the vehicle, either on the bumper or under a license plate bezel if there is adequate space.

FEATURES:

- Hanging style CMOS color camera
- 120° Viewing Angle
- Equipped with Infra Red LED for Night Vision
- Can be mounted high or low on the vehicle depending on owner's preference
- Optional Audio Input. Perfect for hooking up to a DVR system
- Perfect for Semi Trucks, Motor Homes, Buses, or Vans
- Normal or Reverse Image and Parking Assist Lines (Selectable)
- Durable Zinc Alloy Die Cast Body
- Swiveling lens shield to keep excess light out of camera lens
- Provides extra security when backing-up
- Works perfectly with any SecurView™ or aftermarket monitor
- Waterproof Camera Design (IP68)

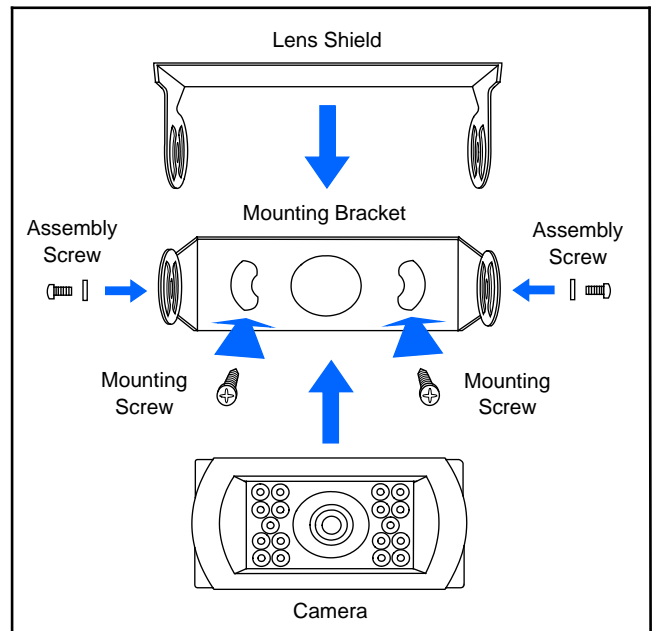
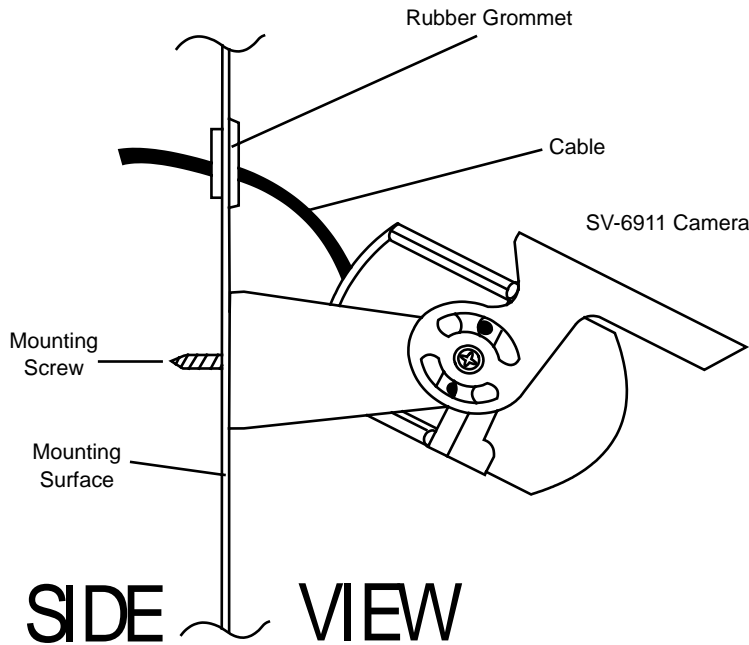
INSTALLATION

INSTALLATION PRECAUTIONS:

1. The Securview™ SV-6911.IR is designed to be mounted up high on the vehicle. Make sure there will be adequate space to mount the camera.
2. Make sure to double check that the camera will not be blocking any brake lights or turn signals on the vehicle.
3. Make sure that there is adequate space behind the mounting location so that a hole can be drilled for routing the camera wire harness into the vehicle.

MOUNTING:

1. Locate a suitable place to mount the camera.
2. Remove the assembly screws from the SV-6911. This will allow the Camera, Mounting Bracket and Lens Shield to be separated.
3. Once you have the Mounting Bracket in a suitable location, Screw it down to the mounting surface you have chosen. (Make sure to double check behind your drilling location for clearance)
4. Locate a suitable place to drill a hole to route the camera wiring harness into the vehicle.
5. Route the harness through the hole. Seal the hole the rubber grommet provided on the camera wiring harness. Squeeze the grommet tightly into the hole so that no water can leak through.
6. Reassemble the Camera and Lens Shield to the Mounting Bracket.

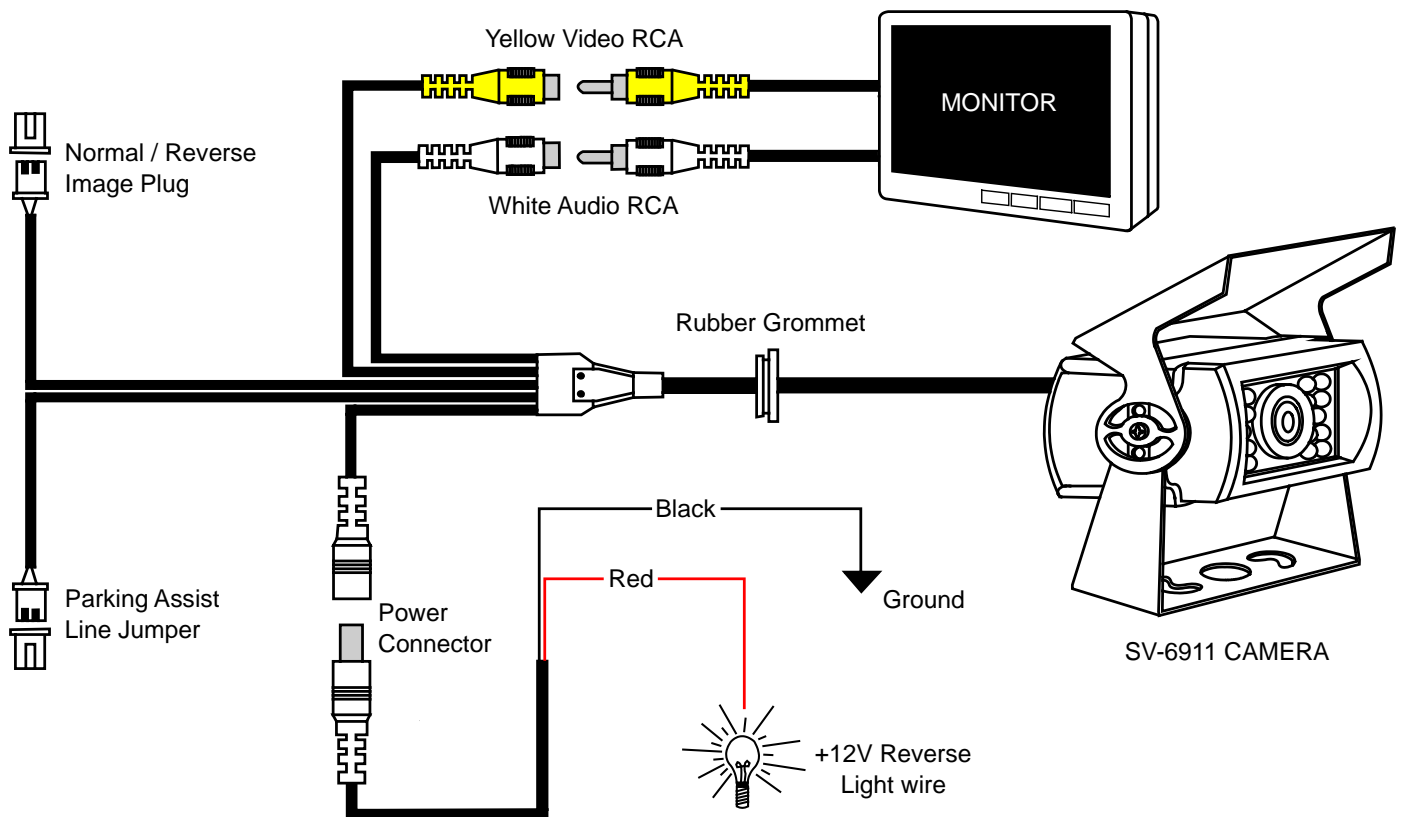


CAMERA:

1. This color CMOS camera is maintenance-free, waterproof (IP-68) and vibration resistant.
2. This camera is completely electronic. There are NO manual adjustments for focus, etc.
3. This camera is equipped with Night Vision to give you better lighting at night time. This plus the vehicle's reverse light and the ambient lighting in the area should make it perfect for night time driving.

WIRING:

1. Carefully choose a hidden out-of-sight location for drilling the cable hole. Some vehicles may have an existing hidden rubber grommet or plug available to avoid having to drill into the body. Be sure to double-check for any wiring or obstructions behind the surface where you are going to drill the cable hole. Use the rubber grommet to make a watertight seal for the cable where it passes into the vehicle.
2. Choose a convenient place to run the camera cable up the left, right or center of the vehicle. As a rule of thumb, try to avoid main factory harness looms that may contain high levels of RF noise or interference.
3. You can connect the camera power at the rear of the vehicle behind the reverse lights. You may also connect power inside the vehicle under the dash or in the trunk. The Red power wire goes to Reverse Light +12V, and the Black wire to Ground.
4. Run the Yellow RCA video cable to your monitor's video input or reverse camera input. The White RCA cable is for audio and can be hooked up to the audio source of your monitor (If Equipped)
5. The two small white plugs are for normal / reverse imaging and parking assist lines. Clip on the plastic jumper cap to activate the feature and remove the cap to deactivate the feature.



REVERSE (MIRROR) IMAGING:

The SV-6911.IR Camera has built-in circuitry to “mirror” the image so objects on the right of vehicle appear on the right and objects on the left appear on the left when looking at a standard monitor. If your existing monitor or in-dash monitor has a reverse camera input where the monitor itself performs the mirror image, then your picture will not be correct. If this happens, the SV-6911.IR camera has a jumper plug that can be connected to reverse the image back to normal. (See Wiring Diagram)

SPECIFICATIONS:

1/4 Color CMOS Sensor

Dimension (In.): 3"(L) × 3"(W) × 2½"(D)

Weight: 20 Oz.

Pixels: NTSC: 648 (H) × 492 (V)

PAL: 648 (H) × 492 (V)

Resolution: > 300,000 pixels

More than 420 TV lines

Minimum Illumination: 0.3 LUX (day) / F 2.0 - 0 LUX (night)

Lens Type: Normal

Horizontal Angle: 130°

Vertical Angle: 90°

Video Output: 1.0 V P-P composite (75 Ohm load)

Supply Voltage: +12VDC

Power Consumption: 150mA with Night Vision

Electronic Shutter: 1/50(1/60) s – 1/100000s

White Balance: Automatic

Gamma Correction: 0.45

S/N Ratio: More than 48dB

Operating Temp: -4° to 158° F (-20° to 70° C)

Gain Control: Automatic

DISCLAIMER:

Under no circumstances shall the manufacturer or distributor of the SV-6911.IR be held liable for consequential or incidental damages sustained in connection with the use of the SV-6911.IR Rear Vision System. The SV-6911.IR is designed as a safety enhancement device and is in no way intended as a replacement for rear-view mirrors, side-view mirrors or physically checking the surroundings when backing a vehicle. Always check surroundings for safety when backing! Objects on the monitor are closer than they appear. It is the sole responsibility of the vehicle owner to check and verify any and all State or Federal Motor vehicle codes with regards to modifications of the vehicle.

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