

SV-6703 170° Flush Mount Style CMOS Color Camera



# **INSTALLATION INSTRUCTIONS:**

The SV-6703 is an ultra-small flush mount style waterproof back-up camera, designed to be installed on any vehicle. The ultra-small, ultra-compact size allows it to be mounted on almost any location on any vehicle as long as there is a flat surface and the ultra-wide viewing angle makes it perfect for vehicles with larger blind spots.

This uniquely designed product can be of use for any passenger car, SUV and Van, also can be of use for large truck, school bus, bus and boat as well. Furthermore, it can not only be installed on the license plate bezel or trunk lid, but anywhere on the vehicle, such as under the bumper, on the sides of cargo trailers or above the hatch.

# FEATURES:

- The 170° ultra wide-angle CMOS color camera provides rear images in real time and eliminates the dangerous "blind-spot" directly behind your vehicle when backing up.
- Ultra-small design makes it easy to mount on most vehicles
- Reverse image
- Parking lines to help the driver accurately judge distance behind the vehicle
- Constructed of high-grade plastic
- Includes hole saw bit for installation
- Waterproof Design (IP68)

# INSTALLATION

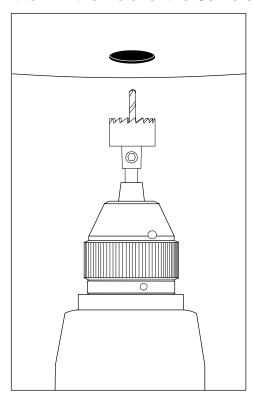
## **MOUNTING:**

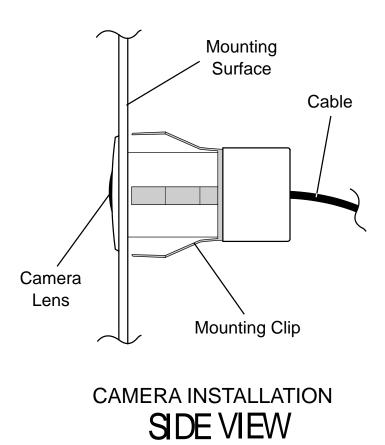
- The Securview<sup>™</sup> SV-6703 Rear Vision System uses a wide-angle lens for best all around performance. The Camera will display the full width of most parking spaces up to 7 feet or even wider.
- 2. The SV-6703 is design to be flush mounted on vehicle's surface. It can be mounted anywhere on the vehicle that has a flat surface. Double check behind the surface of where you will be mounting the camera to make sure that there is adequate space for the camera to be placed in the decided location.
- 3. Use the provided Hole Saw bit to drill the hole in the location you have chosen for mounting the camera.

**WARNING**: When drilling the hole, be careful not to use excessive force when pushing on the drill as the bit may break through the surface quickly and puncture anything behind it resulting in damage to any modules or OEM parts behind the mounting location.

4. Once the hole has been drilled, route the RCA and Power cables through the hole and snap the camera into place. The steel lock tabs will hold the camera tight to the mounting surface.

Use the Provided Hole Saw Bit to Drill the Hole for the Camera





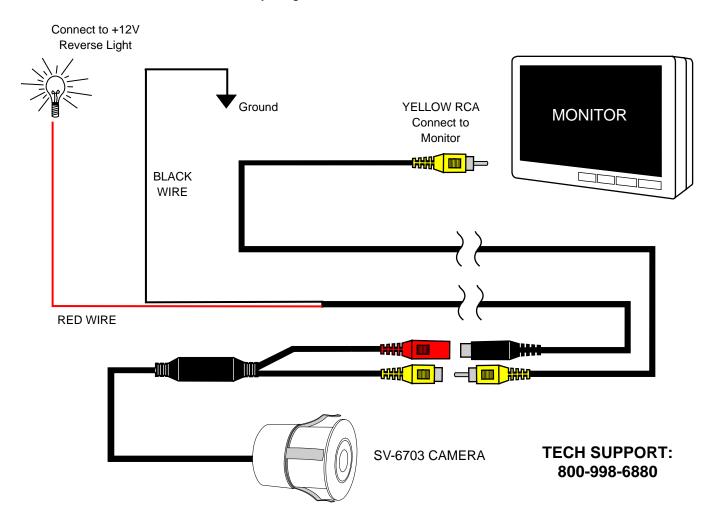
# **CAMERA:**

- 1. The color CMOS camera is maintenance-free, waterproof (IP-68) and vibration resistant.
- 2. This camera is designed to work well in day time or night time conditions.
- 3. The camera is completely electronic. There are NO manual adjustments for focus, etc.

#### WIRING:

- Some vehicles may have an existing hidden rubber grommet or plug available to avoid having to drill into the body to route the camera cable into the car. If you are going to drill a hole, be sure to double-check for any wiring or obstructions behind the surface where you are going to drill. Use silicon or caulking 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 or 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.

**NOTE**: There is another small red wire that comes out of the yellow RCA video cable. This wire does not need to be hooked to anything



### **SPECIFICATIONS:**

1/4 Inch Color CMOS Sensor

Dimension (In.):  $\frac{3}{4}$ "(L) ×  $\frac{3}{4}$ "(W) ×  $\frac{7}{8}$ "(D)

Weight: 7 Oz.

**Pixels:** 656 (H) x 492 (V) **Resolution:** > 250,000 pixels 420 TV lines

Minimum Illumination: 0.5 LUX / F 1.2

Lens Type: Wide Angle Horizontal Angle: 170° Vertical Angle: 90° Video Output: 1.0 V P-P composite (75 Ohm load)

Supply Voltage: +12VDC
Power Consumption: 70mA

**Electronic Shutter:** 1/50 s - 1/100000s

White Balance: Automatic Gamma Correction: 0.45 S/N Ratio: More than 48dB

Operating Temp: -22° to 176° F (-30° to 80° C)

Gain Control: Automatic

### DISCLAIMER:

Under no circumstances shall the manufacturer or distributor of the Securview<sup>™</sup> be held liable for consequential or incidental damages sustained in connection with the use of the Securview<sup>™</sup> Rear Vision System. The Securview<sup>™</sup> 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. For the best fit, modification of the vehicle license may or may not be necessary. 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 vehicle license plates. The manufacturer of the Securview<sup>™</sup> assumes no liability or responsibility whatsoever with regards modifications of the license plate.



www.crimestopper.com email@crimestopper.com Phone (800) 998-6880 FAX (805) 581-9500

© 2013 Crimestopper Security Products