SecurView

SV-6922.LM.II
170° Lip Mount Style CMOS Color Camera

INSTALLATION INSTRUCTIONS:

The SV-6922.LM.II is an ultra-small universal lip-mount waterproof back-up camera, designed to be installed on any vehicle. The small size allows it to fit in almost any location on any vehicle and the ultra-wide vehicle 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:

- Universal design makes it a good choice to use for any vehicle.
- 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.
- Normal and reverse image selectable
- Parking lines to help the driver accurately judge distance behind the vehicle
- Constructed of high-grade plastic and durable die-cast metal
- Kit includes all necessary parts to allow the camera to be flush mounted or bracket mounted to any vehicle
- Waterproof Design (IP67)
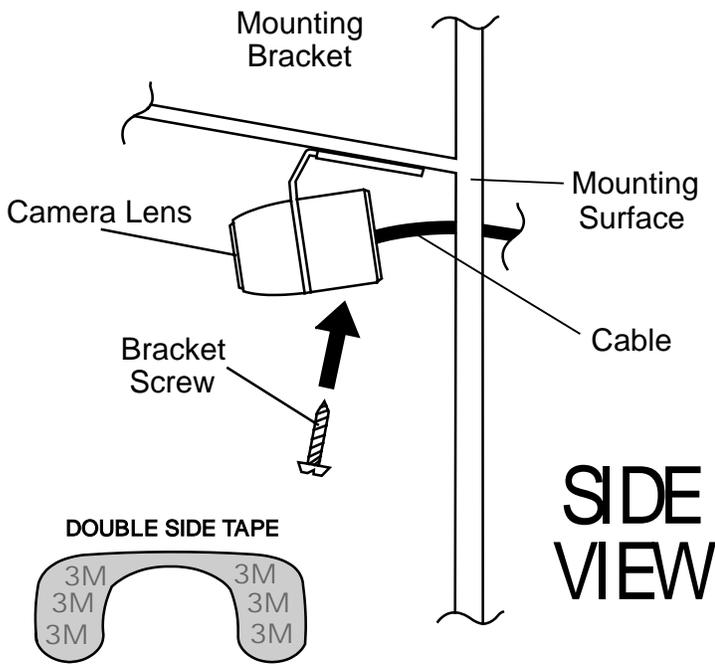
INSTALLATION

MOUNTING:

OPTION 1: BRACKET MOUNTING

1. Find a suitable location on the trunk lip or license plate bezel to secure the mounting bracket down to the body of the vehicle
2. Use the supplied 3M double-side tape to mount the bracket or you can also use screws to secure it down. If using screws, make sure to double check behind the mounting surface.
3. Route the wire harness through the rear bumper of the vehicle or through any kind of rubber grommet on the vehicle. If you have to drill a hole, make sure to seal the hole once you route the wiring through to prevent leaking or moisture damage.
4. The flexible mounting bracket can be bent to give the driver the best viewing angle
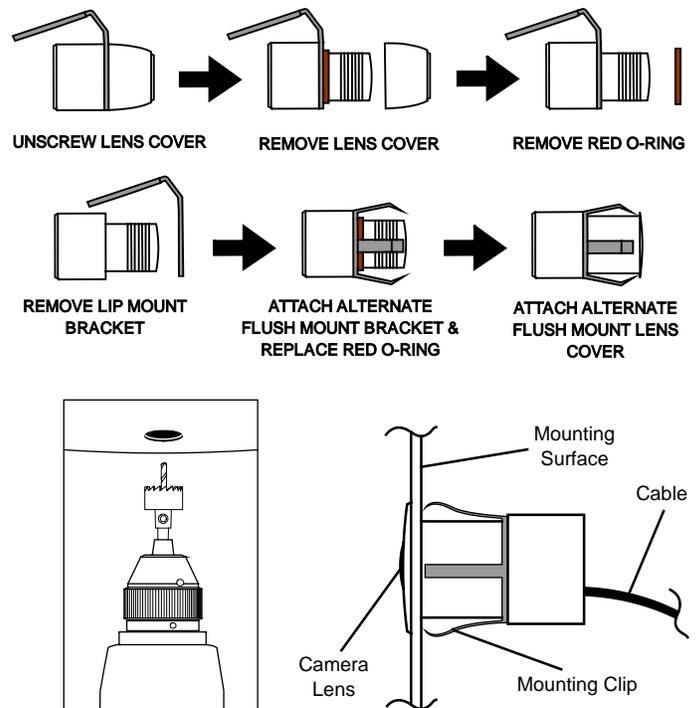
OPTION 2: FLUSH MOUNTING

1. Twist the front camera lens cover counter clockwise to remove it. Once the cover is remove, slide the red O-Ring and the metal lip mount bracket off of the camera and then slide the supplied alternate metal flush mounting bracket and the O-ring back onto the camera.
2. Twist the alternate flush-mount camera lens cover clockwise onto the camera
3. Use the provided hole saw bit to drill the hole of the camera
4. Route the wire harness through the drilled hole and into the vehicle.
5. Snap the camera into place and adjust to give the correct viewing angle

OPTION 1: LIP MOUNT

Mounting Bracket

Camera Lens

Mounting Surface

Bracket Screw

Cable

SIDE VIEW

DOUBLE SIDE TAPE

3M 3M
3M 3M
3M 3M

NOTE: You can use either the double-side tape or screws to mount the bracket

OPTION 2: FLUSH MOUNT

UNSCREW LENS COVER

REMOVE LENS COVER

REMOVE RED O-RING

REMOVE LIP MOUNT BRACKET

ATTACH ALTERNATE FLUSH MOUNT BRACKET & REPLACE RED O-RING

ATTACH ALTERNATE FLUSH MOUNT LENS COVER

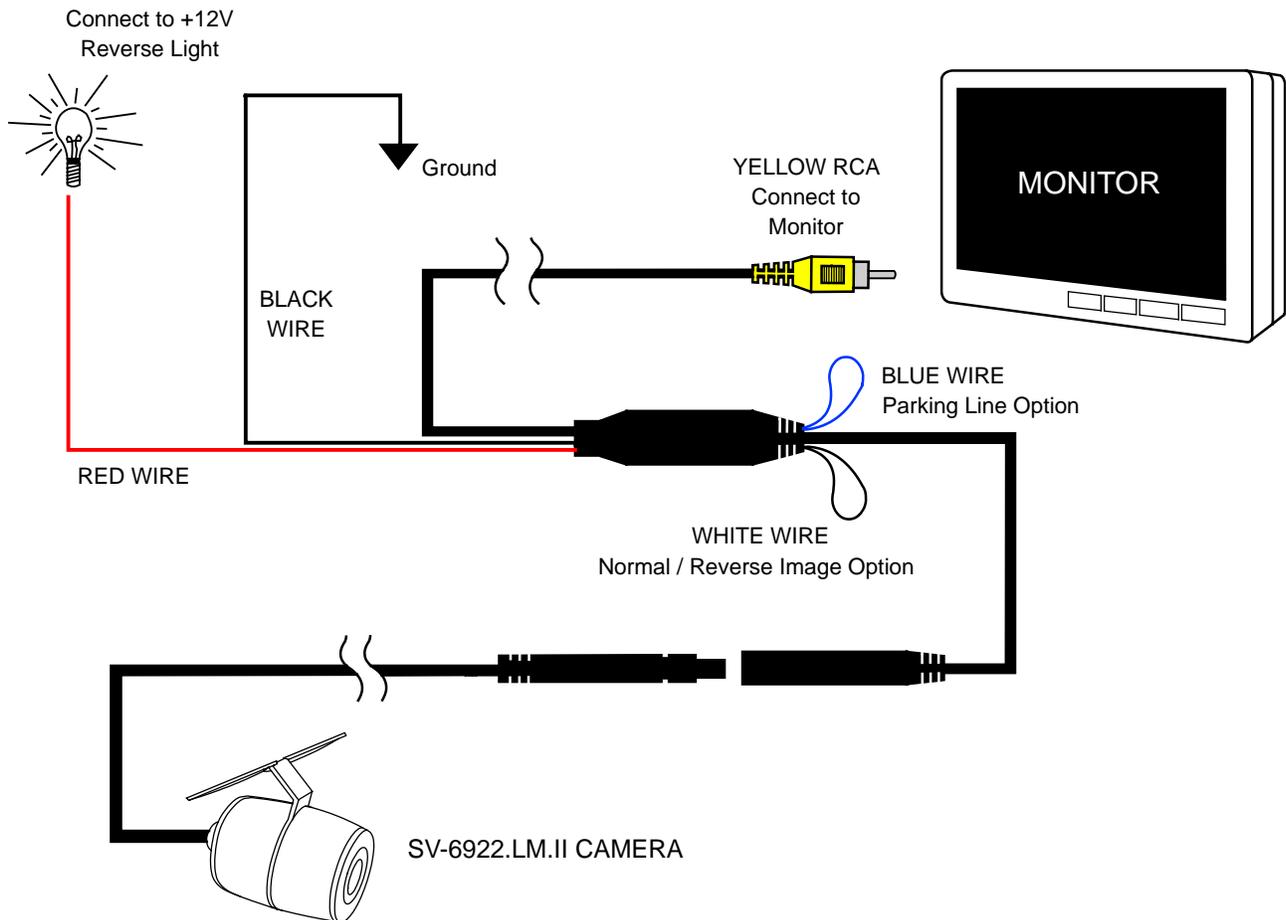Mounting Surface

Cable

Camera Lens

Mounting Clip

NOTE: Use provided hole saw bit to drill the hole for the camera to mount

REVERSE (MIRROR) IMAGING:

The SV-6922.LM.II 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-6922.LM.II camera has wire that can be cut reverse the image back to normal. (See Wiring Diagram)

WIRING:

1. Carefully choose a hidden out-of-sight location (possibly behind the plate) 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.
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. The White loop wire that comes out of the side of the harness is for reverse imaging. Keep the wire connected for normal image or cut the wire in half for reverse image. The Blue loop wire is for the Parking Line feature. Cut this wire to remove the parking lines or leave it connected to activate the parking lines.
4. Run the Yellow RCA video cable to the monitor's video input or reverse camera input.

Connect to +12V
Reverse Light

Ground

YELLOW RCA
Connect to
Monitor

MONITOR

BLACK
WIRE

BLUE WIRE
Parking Line Option

RED WIRE

WHITE WIRE
Normal / Reverse Image Option

SV-6922.LM.II 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.

TECH SUPPORT: (800) 998-6880

SPECIFICATIONS:

1/4 Inch Color CMOS Sensor
Dimension (In.): : ⅞ (L) × 1⅛ (W) × 1⅛ (D)
Weight: 10 Oz.
Pixels: 656 (H) x 492 (V).
Resolution: > 250,000 pixels
                   420 TV lines
Minimum Illumination: 1 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: -13° to 185° F (-25° to 85° C)
Gain Control: Automatic

DISCLAIMER:
Under no circumstances shall the manufacturer or distributor of the Securview™ be held liable for consequential or incidental damages sustained in connection with the use of the Securview™ Rear Vision System. The Securview™ 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™ assumes no liability or responsibility whatsoever with regards modifications of the license plate.

CRIMESTOPPER

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