



 **SV-5130.IR**
License Plate Bar-Type
Camera with Night
Vision



INSTALLATION INSTRUCTIONS:

The SV-5130.IR is a bar-type license plate camera with a viewing angle of 120° and IR night vision. The camera lens can be vertically adjusted to give the driver a better viewing angle. The camera is easy to install with no drilling required, requiring minimal installation time. This uniquely designed product can be used for any passenger car, SUV and Van. It can also be used on many large Semi Trucks, School Buses, and Transit Buses

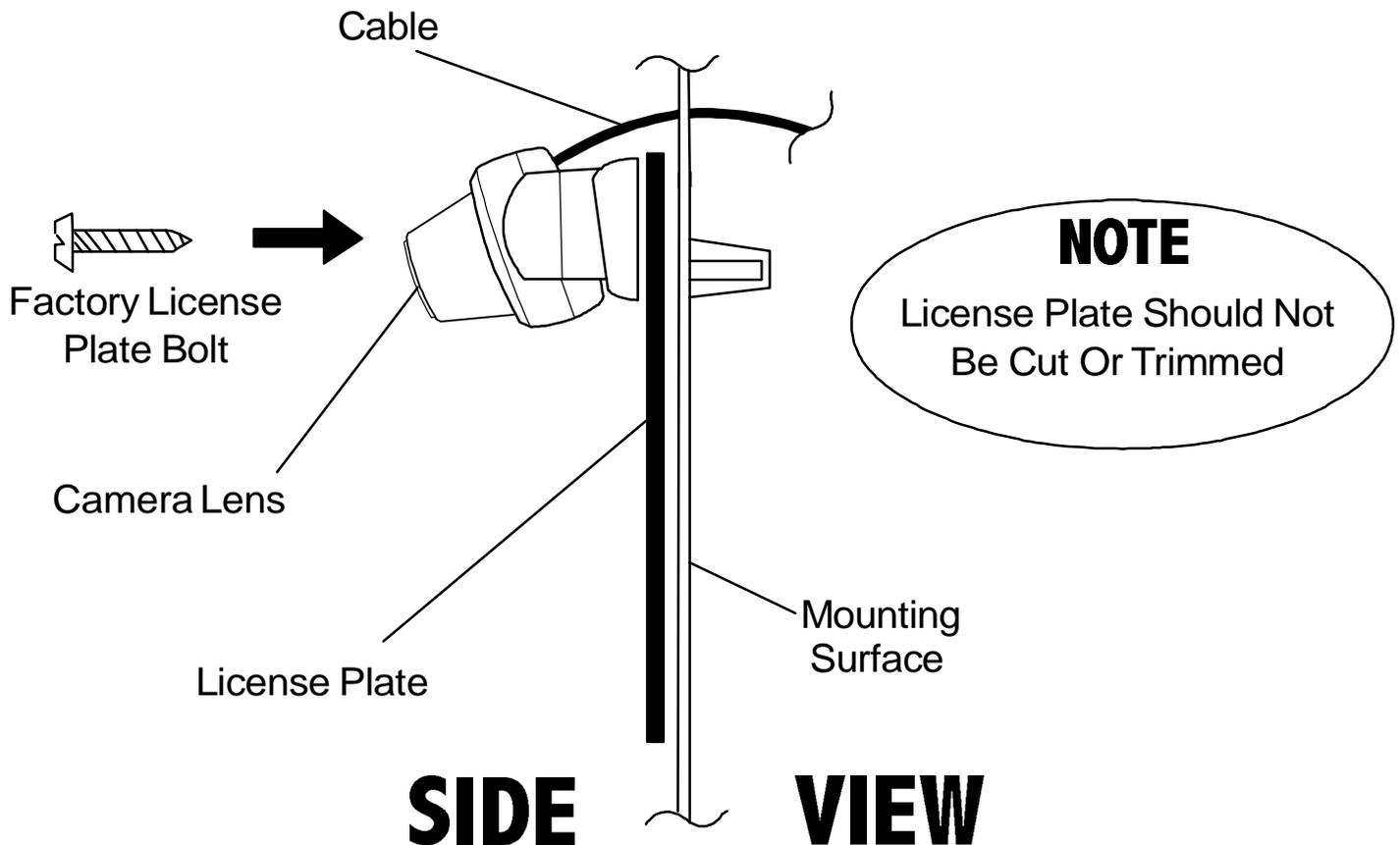
FEATURES:

- Revolutionary design integrates a Color rear vision camera with your rear license plate
- Enhance the look of your Car, SUV, Truck or Van.
- The 120° angle CMOS color camera provides rear images in real time and eliminates the dangerous “blind-spot” directly behind your vehicle when backing.
- Infra-red LED for night vision
- Reverse Image
- Parking assist lines to help the driver accurately judge distance behind the vehicle
- The plate cam easily connects with other SecurView monitor or aftermarket monitor that uses an RCA input
- The PlateCam™ is designed for vehicles in which the license plate location is centered and above the level of the rear bumper. The PlateCam™ may not perform well on vehicles with low or offset license plate positions.

INSTALLATION

MOUNTING:

1. The SV-5130.IR Rear Vision System uses a super wide-angle lens for best all around performance. The Camera will display the full width of most parking spaces up to 8 feet or even wider.
2. These cameras are designed to work best on vehicles that have a license plate located at the center and above the rear bumper. If your vehicle has a plate location that is offset to the left side, right side, or your plate is located under the bumper then the PlateCam™ may not provide optimum performance.
3. The SV-5130.IR is designed to use the existing License Plate mounting equipment
4. Remove the factory license plate bolts and secure the SV-5130.IR camera to the license plate.
5. Route the cable through the body of the vehicle. Most vehicles may have an existing grommet that can be used to route the cable through the vehicle. If you have to drill a hole, make sure to double check behind the drilling location to make sure nothing will be damaged.
6. Once the cable is installed, make sure to seal the hole using silicon or caulking to prevent moisture damage

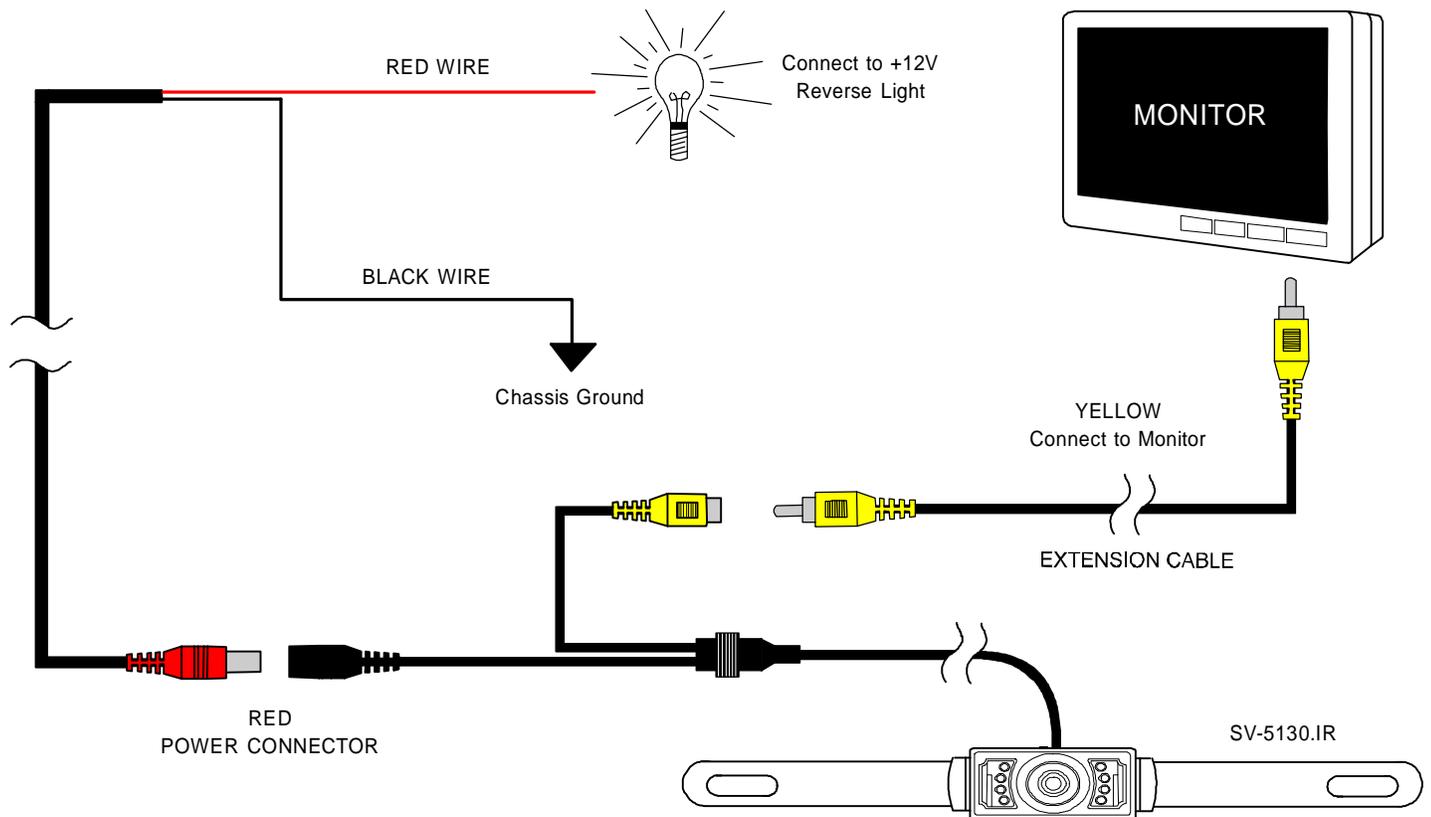


CAMERA:

1. The color CMOS camera is maintenance-free, waterproof (IP-68) and vibration resistant.
2. This camera has built-in Infra-Red LEDs for night vision. This will provide the driver with the absolute best illumination when backing up the vehicle at night time.
3. The camera is completely electronic. There are NO manual adjustments for focus, etc.

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. 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 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 the monitor's video input or reverse camera input. Leave the white RCA disconnected.



TECH SUPPORT: (800) 998-6880

SPECIFICATIONS:

1/4 Inch Color CMOS Sensor
Dimension (MM): 1⁵/₈"(L) × 9⁷/₈"(W) × 1¹/₄"(D)
Weight: 12 Oz.
Pixels: 510 (H) x 492 (V)
Resolution: > 250,000 pixels
More than 420 TV lines
Minimum Illumination: 0 LUX / F 1.2
Lens Type: Normal
Horizontal Angle: 120°
Vertical Angle: 90°

Video Output: 1.0 V P-P composite (75 Ohm load)
Supply Voltage: +12VDC
Power Consumption: 150mA
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
Digital Signal Processor w/10 Bit A/D Converter

DISCLAIMER:

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

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