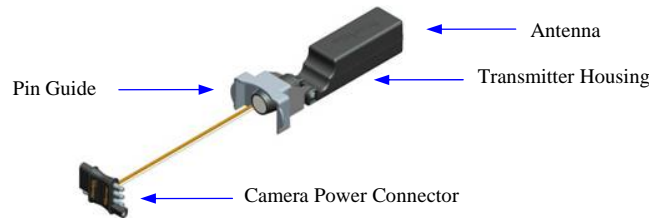


Master Lock Towing Camera Installation and Operation Instructions:

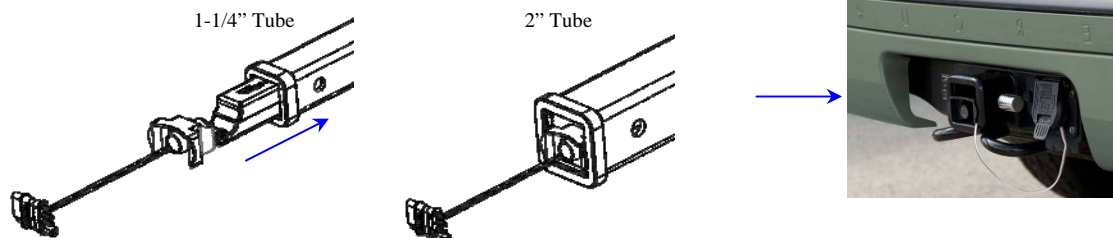
Camera Features



Camera Installation:

The camera has two mounting options/applications:

- 1) **Back-up Camera-** Slide the camera assembly inside a 1-1/4" or 2" hitch receiver tube. The magnet in the camera base will hold it securely in place. The plastic guide on the camera bracket will help line the assembly up with the hitch pin opening and allow a standard or locking hitch pin to be used for additional security.



- 2) **Hitch Alignment/Load Monitoring System-** Mount the camera to any metal surface on the back of the vehicle using the magnetic base. The soft pads on the base will prevent sliding or scratching and the camera bracket can pivot up to 90° to allow the field of view to be adjusted.



Camera Power Connection:

The camera is powered by plugging the camera power connector into the vehicle's towing wiring harness. The camera power connector is a 4 position connector that directly attaches to many vehicles. The camera power connector also has a pass-through design feature. This allows you to plug your trailer wiring into the open end of the backup camera power connector and monitor your trailer load while towing. Some vehicles may need a 7 position to 4 position adapter, which is not included.

7 position to 4 position adapter shown



Note: A readily available 4 position tow wire extension (not included) will allow the camera to be mounted further away from the vehicle plug for gooseneck or fifth wheel trailer hitch alignment applications.

Notice: Depending on the make/model of the vehicle, the running lights or headlights may need to be turned on to power the vehicle's tow plug.

Monitor Features



NOTE: OBJECTS ARE CLOSER THAN THEY APPEAR ON THE MONITOR

Monitor Hardware Included:



Antenna:

The wireless antenna attaches to the threaded connector on the back of the monitor. Once attached, it can be rotated 360° for optimal picture clarity.

Mounting:

When choosing a location to mount the monitor, make sure the monitor is in an area that will not obstruct your vision while driving or interfere with access to any of the vehicle controls. It can be placed on the windshield using the flexible mounting arm or clipped to an air vent. Both options use the mounting slot on the back of the monitor.

- 1) Temporarily place the monitor stand or clip in the location that you have chosen and route the power cable to the vehicle's 12V power outlet verifying the cable does not interfere with the safe operation of the vehicle or access to any vehicle controls.
- 2) **To use the mounting arm**, remove the vinyl protector from the suction cup base and place it firmly on a smooth surface. Rotate the small cam near the base of the arm to hold in place. Slide the arm into the mounting slot on back of monitor.



Mounting Arm



Vent Clip

- 3) **To use the vent clip**, slide clip into the monitor mounting slot and gently press the clip and monitor over the vehicle air vent fins.

Power Connection:

- 1) Insert the small DC plug of the power cable into the DC12V opening on the side of the monitor.
- 2) Insert the larger 12 Volt power plug into the vehicle auxiliary power socket. The red LED on the power plug will come on if the vehicle socket has power.

Notice: Depending on the make/model of the vehicle the ignition may need to be turned on or to the accessory position for the 12V socket to have power.

Monitor Controls:

Power Button - Press the Power button to turn the display ON, the blue LED will appear, indicating the monitor is ON. Press it again to turn the display OFF, the blue LED will turn off.

Wireless Channel – This monitor can accept 4 different channels of wireless transmission. To change the channel, press the “CH” button and it will go to the next channel, at channel 4 it will return to channel 1. **The camera is pre-set to channel 4.**

Blue LED Power and Wireless Channel Indicator - When the monitor is ON the blue LED will be lit. The location of the blue LED on the left side of the monitor also indicates what channel the display is set to.

Brightness - There are 6 levels of brightness. To adjust the brightness, press the Brightness Control button. Press the button to increase the brightness, at the highest level it will return to the lowest level.

Contrast Control - There are 6 levels of contrast. To adjust the contrast, press the Contrast Control button. Press the button to increase the contrast, at the highest level it will return to the lowest level.

Notice: Under extreme bright light conditions, the screen image may take a few seconds to automatically adjust. It is best to wait until the image has stabilized before backing up.

Testing the System:

- 1) Turn the vehicle ignition to the accessory position. Do not start the vehicle.
- 2) Turn on the monitor - the blue LED should come on.
- 3) IF there is no picture on the display:
 - a. Confirm that monitor is set to channel 4
 - b. Turn vehicle lights on
- 4) Adjust the monitor antenna for the best picture.

Notice: Re-locating the monitor even a small amount inside the vehicle can affect the picture quality. This device, as well as all other wireless devices, may be subject to interference caused by cell phones, Bluetooth headsets, Wi-Fi routers, power lines and other various electrical equipment, etc. including other cameras.

Warning:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.