

Model#
TE0408

TRAILER
Eyes.

TRAILER
Eyes.®

Mark Point Corp ./ Trailer Eyes



Portable
Affordable
Easy Installation



User's Manual

Model# TE0408

Runs on battery power
5 minute installation
No tools required



Monitor your horses,pets,livestock or valuable cargo while trailering them.
Helpful for aligning trailer ball and hitch.

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Wireless Trailer Monitoring System

CAMERA	Night Vision Range	10 Ft.
	Bandwidth	18M
	Consumption Current	85mA(IR OFF) & 160mA(IR ON) (Max.)
	Power Supply	DC +8V ~ 9V
	Dimensions(W×D×H)	1 ¾" x 2 ¼" x 3 ¼" (w/ antenna)
	Weight	6 oz. (Excludes clamping base)

Warranty

- Trailer Eyes® products are guaranteed with a one year warranty, which covers workmanship and materials. The warranty is limited to repair or replacement.
- This warranty becomes void if the product shows evidence of having been misused, mishandled or tampered with contrary to the applicable instruction manual.
- Normal cosmetic and mechanical wear and tear are not covered under the terms of this warranty.
- The warranty does not cover the shipping cost, insurance or any other incidental charges.
- Call Trailer Eyes® before sending any product back for repair. We will issue you a return authorization number and the instructions for warranty service. We will need a copy of the purchase receipt and a brief explanation of the problem.
- To the maximum extent permitted by applicable law, Trailer Eyes®, its subsidiaries and licensors hereby disclaim all liability arising out of any use of this product and its contents.

Safety Warning

- This product should not be used by the driver of a motor vehicle while driving.
- To prevent fire or shock hazards, do not expose the unit to rain or moisture.
- Please obey your local traffic laws and codes. Drive safely.
- Notice to drivers in California and Minnesota: State law prohibits drivers in California and Minnesota from using suction mounts on their windshields while operating motor vehicles. Other mounting options should be used.

Trailer Eyes® does not take any responsibility for any fines, penalties, or damages that may be incurred as a result of disregarding this notice (See California Vehicle code section 26708(a); Minnesota Statutes 2005, section 169.71) Other states may have passed a similar law, please check your state’s traffic laws and codes.

Performance Disclaimer

2.4 GHz wireless video technology uses four channel frequencies: 2414,2432,2450 and 2468MHZ. The FCC has only opened these four channels for public use. As a result, any brand’s 2.4 GHz wireless video monitor can receive the signal sent from this unit. Also, this unit’s monitor can receive another camera’s signal (Signal Interference). Please be warned that there is no guarantee of your privacy while you are using this unit. Anyone with a 2.4 GHz wireless monitor within a 300 foot range of this unit’s camera can receive a signal from this unit.

Troubleshooting

Problem	Possible Solutions
No camera picture	<ol style="list-style-type: none"> 1. Check all connections and power. Some vehicles need to have the engine turned on for power to go to the lighter socket. 2. Make sure the camera and monitor are switched ON. 3. Change the camera’s 9V battery. 4. Camera and monitor are in range.
Picture Interference	<ol style="list-style-type: none"> 1. Reposition the monitor’s antenna. 2. Drive the vehicle and the trailer for a short distance. Once away from a heavy interference area, the picture will improve.

Specifications

Monitor

Monitor Type----- Color TFT-LCD
 Screen Size----- 3.5”
 Wireless Frequency----- 2.4 GHz
 Supply Voltage----- DC12V, 500mA Ripple: <120mVp-p
 Consumption Current----- 300 mA
 Operation Temperature----- 14F~+140F

Operation Humidity----- 85% RH (Max)
 Received Frequencies----- 2414; 2432; 2450; 2468 MHz
 Color configuration----- RGB.delta
 Video System----- PAL/NTSC
 Dimensions----- 4 1/4" x 3" x 2" (Excludes antenna)
 Weight----- 6 oz.

Camera

GENERAL	Transmission Frequency	ISM 2,400~2,483 MHz
	Transmission Power	10mW/CE; 2mW/FCC
	Operating Frequency	2414MHz;2432MHz;2450MHz; 2468MHz
	Unobstructed Effective Range	300 ft. Maximum
	Operating Temperature	-10 ~ +50(Degree C) / +14~ +122 (Degree F)
	Storage Temperature	-20 ~ +60(Degree C) / -4 ~ +140 (Degree F)
	Operating Humidity	≤85%RH
CAMERA	Imaging Sensor Type	CMOS Color
	Picture Total Pixels	PAL: 628×582 Pixels
		NTSC: 510×492 Pixels
	Horizontal Resolution	380 TV Lines
	View Angle	PAL: 68°; NTSC:40°
Minimum Illumination	0Lux	

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Safety Disclaimer

This product should not be used by the driver of a motor vehicle while driving. Always keep your hands free to operate a vehicle while driving. Obey all local laws. Your first consideration while driving should be safety.

To the maximum extent permitted by applicable law, Trailer Eyes® its subsidiaries and licensors hereby disclaim all liability arising out of any use of this product and its contents.

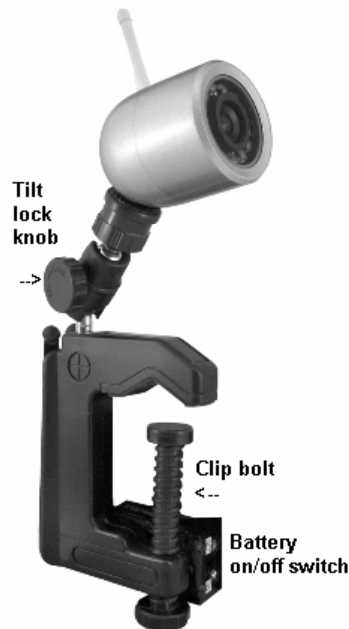
Features

- 2.4GHz wireless camera.
- Runs on battery power, no installation needed. There is no need to drill holes in your trailer. Can be set up in 5 minutes.
- A permanent camera mounting bracket is included (Installation required).
- Adjustable color monitor (brightness, contrast)
- Booster antennae for better reception
- 10 foot range night vision camera. Can be operated in total darkness.
- A single alkaline 9V battery can operate the camera up to 5 hours during the day or 3 hours in night vision mode
- On /Off switch on the battery case

Setup Instructions

Setting up the camera

1. Insert a 9V battery into the battery compartment. Turn the On/Off switch to the OFF position.
2. Use the clamping base to mount the camera, the clamping base can be clamped on any pole or board which is less than 2 1/4" diameter/thick. Choose the mounting spot and tighten the clip bolt on the clamping base.
3. Loosen the tilt lock knob, adjust the camera, point it in the direction where you wish to monitor, tighten the tilt lock knob.
4. Turn the On/Off switch to the ON position.

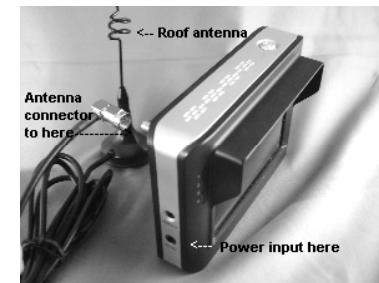


Setting up the monitor

1. Attach the monitor to the goose-neck suction mount.
2. Mount the goose-neck suction mount to the windshield, dashboard or window.



3. Attach the antenna connector to the monitor.
4. Open the car door, mount the booster antenna (magnet base) on the side of your vehicle. Run the wire between the antenna and the monitor through the car door and the car frame. Not through the car window and door frame.
5. Plug the power jack into the monitor then plug the 12V car lighter adapter into the lighter jack. Turn the monitor on. Some vehicles need the engine turned on to supply power to the lighter socket.
6. Adjust the position of the monitor, the antenna wire and the power wire, avoid interference with the driver.



You should be able to see the observation object in your monitor now. You might need to adjust the camera angle and/or the position of the booster antenna for better reception.

To remove suction mount from windshield

1. Flip up the lever lock
2. Pull the tab on the suction mount rubber pad. The unit should come off easily. Do not use excessive force to pull off the suction mounting unit. You may cause damage to the unit or windshield.

Best Result tips

Interference is inevitable when using 2.4 GHz video signal technology. Cordless phones, microwave ovens and wireless routers are the most common sources of interference. Once you drive away from a residential area, the interference should be reduced.

For best performance, please consider these few guidelines:

- The distance between the monitor and camera
 - Straight line, clear view, no obstacles in between, up to 300 feet.
 - When the camera is in the trailer, and the signal needs to go through layers of metal and is not in a direct line with the monitor's antenna, up to 60 feet.
- A fresh, strong 9V battery to provide adequate power to transmit the signal.
A single alkaline 9V battery can operate the camera up to 5 hours during the day or 3 hours in night vision mode.
- Mount the booster antenna on the same side of the vehicle where the camera is mounted.
- Camera should be mounted between 8 to 15 feet above the monitored objects.
- Turn off the camera while it is not in use.
- When not in use for long periods of time, please store the unit in a cool, dry place.

Parts Included



One wireless color camera
with night vision
(Model # TE-0408CAM)



One 3.5" color screen monitor
(Model # TE-0408MON)



One 360 degree Clamp
mounting base for camera,
with a 9V battery
compartment attached
(Battery not included)
(Model # TE-0408CLAMP)



One booster antenna
with magnet base
(Model # TE-0408BANT)



One standard antenna
(Model # TE-0408SANT)



One Goose-neck windshield
suction mounting base
for monitor
(Model # TE-0408GN)



One 12V car lighter
power adapter for
monitor
(Model # TE-0408CL)



One traditional
permanent mounting
bracket for camera
(Model # TE-0408BR)