

Digi-View™ Mini

Digital Wireless Camera System



User Manual

www.trailervision.co.uk

Version 1.0

 **Trailer Vision™**

INTRODUCTION

Welcome

Thanks for purchasing Digi-View™ Mini.

Please read this User Manual before using/installing it.

Digi-View™ Mini is a Digital Wireless Camera system that can display the view behind a vehicle/trailer etc. It can also be utilised to view the inside of a trailer etc.

Digi-View™ Mini utilises 2.4Ghz digital wireless transmission, is powered by the vehicle/trailer and therefore does not require a cable between the camera and monitor (ideal for trailer applications).

Notice:

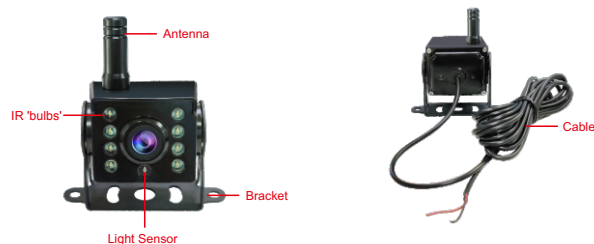
The system and User Manual may be updated at any time. Trailer Vision Ltd reserve the right to modify and update the system specifications/functionality without prior notice.

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01. COMPONENTS

1. Camera



2. Monitor



3. Additional Monitor Mounts (included)



6. Install Screws



4. Cigarette Lighter Power Adapter



7. Screwdriver



5. User Manual



(For Monitor Holder & Vent Screw)

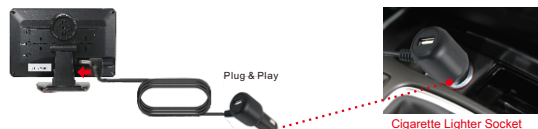
02. CAMERA INSTALLATION



1. Use the supplied screws to fix the camera to the vehicle.
2. Connect the camera power cable to the vehicle power system (lights etc).



3. Connect the power cable to the monitor & insert the cigarette lighter power adapter into the vehicle's adapter socket. Switch the monitor on and then adjust the camera angle to the ideal viewing position, then fix it by tightening the bracket screws.



Notice:

Before rotating the camera, loosen the fixing screw on the side of the camera, hold the camera with one hand, rotate it up or down, and tighten the screw after reaching the best angle.

ADJUSTABLE ANGLE FOR FLEXIBILITY

adjustable range 90°



IR 'Lights' (Night Vision)

The light sensor underneath the camera lens detects light changes and will automatically turn on the IR 'lights' at night, or in low light conditions, so that the image is clearer (B&W image).



03. MONITOR INSTALLATION

1. The monitor can be fixed to the dashboard, windscreen or air-vent.



Dashboard Mount



Air Vent Mount



Windscreen Mount



2. How to install the mounts:

- 1) The **dashboard mount** is already attached to the monitor and can be stuck to the dashboard. Choose and clean a suitable location on the dashboard, remove the paper from the monitor stand sticky pad and firmly press the stand mount onto the dashboard.
- 2) If using the **windscreen mount**, please replace the dashboard mount by utilising the supplied screwdriver.

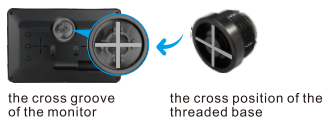


Choose a suitable place on the windscreen and mount the suction cup; with the suction lever in the released position, press the suction cup against the windscreen. Press the suction lever toward the suction cup to lock the mount. To adjust the angle of the monitor, loosen the collar on the ball joint & retighten in the desired position.



3) If utilising the **air-vent mount**, please remove the dashboard mount and complete the following instructions:

- ① Make sure that the cross of the base lines up with the cross on the rear of the monitor
- ② Use the L-shaped screwdriver to tighten the vent screw



- ③ Insert the ball into the nut



- ⑤ Rotate the nut and tighten clockwise



- ④ Press the vent mount ball firmly into the threaded base



- ⑥ Move the lever up/down to clamp to the vent



3. Connect the monitor to vehicle power via the cigarette lighter power adapter.

04. BUTTONS & SETTINGS

Function of the rear buttons:

1. **The middle button**-----[MENU/OK]:

Short Press to enter monitor menu setting.

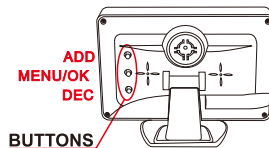
Long Press (press and hold for 3 seconds) to confirm the chosen item in the menu setting interface.

2. **The Up button**-----[ADD]:

Short Press to change/add parameter value at the menu setting interface.

3. **The Down button**-----[DEC]:

Short Press to change/decrease parameter value at the menu setting interface.



Rotating the image and switching between 'normal' and mirror image view:

When the monitor is displaying the camera image short press [MENU/OK] to enter the main menu interface, select the "Image Mirror" icon and long press [MENU/OK], to set 'upwards' or 'downwards' image. After setting, short press twice to exit the setting.

Select the "Image Mirror" icon and long press the middle button [MENU/OK] to enter the mirror setting interface, short press [ADD] or [DEC] button to set mirror or normal image. After setting short press [MENU/OK] twice to save and exit.

NB. Please use mirror image (default view) for reversing and rear view applications.

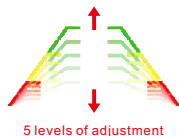
(Short Press means press and hold 1 second, and Long Press means 3 seconds).



Parking Guideline Position Adjustment

The parking guideline position can be adjusted up or down, to mark the image area more realistically. There are 5 levels to choose from.

For detailed operation methods, please refer to page **P8**.



Parking guidelines displayed or not displayed:

Short Press DOWN button [DEC] to switch between the Parking Guide Lines display modes (Displayed or Not Displayed):



Menu Operations:

1. Main Menu

While the monitor is showing the image, short press the middle button [MENU/OK] to enter the main menu interface, and 5 options are available (Pairing, Image Parameters, Image Mirror, Parking Guideline Position Adjustment & Software Information).



Pairing



Image Parameter








Image Mirror



Parking Guideline Position Adjustment



Software Information

					
	Pairing	Image Parameter	Image Mirror	Parking Guideline Position Adjustment	Software Information
Operation	Default setting, no need to operate again.	To adjust Brightness, Contrast, Colour. Operation details as Image Parameter info.	Set Upwards/Downwards or Normal/Mirror Image. Operation details as Image Mirror contents.	The parking guideline can be adjusted up and down as needed. Operation details as Parking Guideline Position Adjust info.	Select "Software Info", press [ADD] or [DEC] key to display software version information.

2. Image Parameter

While the monitor is showing an image, short press the middle button [MENU/OK] to enter the main menu interface. From the 3 options. Select Image Parameter, long press the [MENU/OK] button again, 3 Images(Brightness/ Contrast/ Color) setting interface are shown below:



Brightness



Contrast



Color

Brightness Setting

Select the Brightness icon, press [ADD] or [DEC] button to adjust the brightness as shown below:



Contrast Setting

Select the Contrast icon, press [ADD] or [DEC] button to adjust the contrast as shown below:



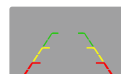
Colour Setting

Select the Colour icon, press [ADD] or [DEC] button to adjust the colour as shown below:

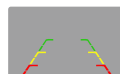


3. Parking Guideline Position Adjustment

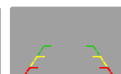
Select the "Parking Guide Position Adjustment" icon, then long press the middle button [MENU / OK] to enter the setting interface, short press the [ADD] or [DEC] button to choose the most suitable one from 5 levels, then short press [MENU / OK] twice to exit.



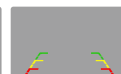
A



B



C



D



E

05. SPECIFICATION

CAMERA

Input Power Voltage: DC 9V-30V

View Angle: Horizontal Angle 135° (V90° / D165°)

Image Quality: Max 30 fps

Camera Assembly: IP 67

TRANSMITTER

Frequency: 2400 ~ 2485.5 MHz

Effective Transmission Distance: Up to 30m (line of sight)

Working Temperature: 14° ~ 140°F (-10° ~ 60°C)

MONITOR

LCD Display Screen Size: 4.3 inches

Power Cord Fuse: 3A

Operation Current: <150mA

Effective Pixels: 480×272

Input Power Voltage (Cigarette lighter): DC 9V-30V

06. DISCLAIMER

This Digital Wireless Camera system is intended to assist the driver, but it doesn't relieve the driver from full responsibility for operation of the vehicle. It is the driver's sole responsibility to drive safely, legally and responsibly. By installing and/or using this Digital Wireless Camera system, you agree that you are solely responsible for the operation of your vehicle, the system **Supplier** is not responsible for any property damage, personal injury, or loss of life that may result from the operation of your vehicle.

WARRANTY:

**BE SURE TO KEEP A COPY OF YOUR SALES RECEIPT!
STANDARD WARRANTY**

Trailer Vision Ltd warranty that your NEW Product is free of defects of workmanship and materials. If there is a defect or malfunction of this product, **Trailer Vision Ltd** will repair/replace it free of charge, as follows:

ONE YEAR from date of purchase.

(Any faulty items may be required to be returned for test/replacement).

For support or warranty claims please contact:

sales@trailervision.co.uk
01733 246473

07. WARRANTY INFO

This warranty does not apply to persons who purchased this product second-hand or used.

This warranty does not include adjustments, parts and/or repairs required by circumstances beyond the control of **Trailer Vision Ltd**, including but not limited to fire or other casualty, accident, neglect, abuse, misuse, abnormal use or battery leakage damages.

THERE ARE NO OTHER EXPRESSED WARRANTIES EXCEPT AS STATED HEREIN. AFTER THE PERIOD OF EXPRESSED WARRANTY SET FORTH HEREIN, THERE ARE NO EXPRESSED OR IMPLIED WARRANTIES AND THOSE EXCLUDED INCLUDE THOSE OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. Trailer Vision Ltd shall NOT be held liable for any CONSEQUENTIAL DAMAGES resulting from any failure, defect or malfunction of this product. Some Regions do not allow limitations on how long an implied warranty lasts and some Regions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

