



**Rhino**<sup>®</sup>

# **Wireless Mobile Video Monitor 7" LCD with 2 Camera Kit**

**Model No: WMVMLCD7-2C  
OPERATING INSTRUCTIONS**

# Specifications

| Display Specifications |                              |
|------------------------|------------------------------|
| Display Type           | 7" Colour TFT LCD            |
| Display Resolution     | 800 x 480 pixels (SVGA)      |
| AV Modes               | NTSC / PAL                   |
| PSU Voltage            | 10 ~ 28VDC                   |
| Power                  | 5W                           |
| Brightness/Contrast    | 450cd/m <sup>2</sup> / 450:1 |
| Operating Temp.        | -20 ~ 65°C                   |
| Display Split          | Single / Dual / Quad         |
| Trigger Modes          | Reverse Trigger Support      |

| Camera Specifications |                          |
|-----------------------|--------------------------|
| Image Resolution      | 640 x 480 pixels (VGA)   |
| Min. Illumination     | 0.1 Lux                  |
| Lens                  | 2.0mm Fixed Focal Length |
| Infrared LEDs         | 12pcs                    |
| White Balance         | Auto                     |
| Ingress Protection    | IP66                     |
| Transmission Freq.    | 2.4GHz                   |
| Input Voltage         | 7.5VDC 500mA             |
| Operating Cond.       | -20 ~ 75°C / 95% Max. RH |

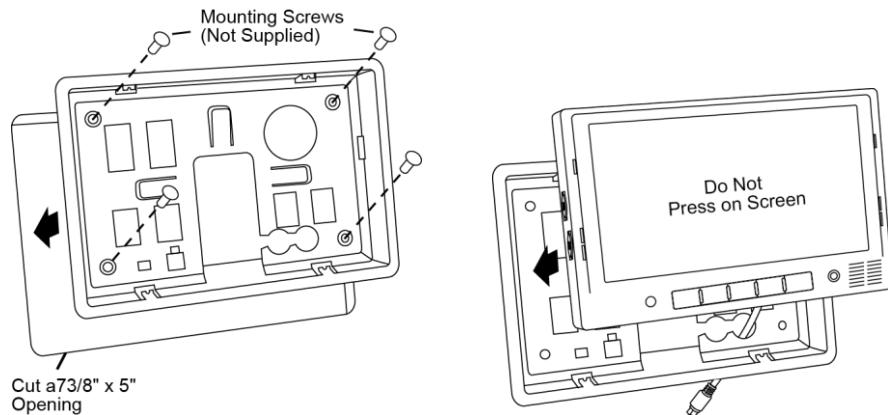


# Installation Instructions

## Monitor - Flush Mount

1. Locate a suitable location for mounting the monitor (In-Dash, In-Wall, Headrest, etc.). Then cut a 187mm x 127mm (7 $\frac{3}{8}$ " x 5") opening and insert and secure the flush-mount housing.

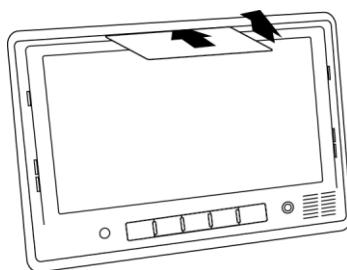
2. After securing the housing, insert the monitor into the housing. Do not apply pressure directly to the LCD monitor's screen. Utilise the outer edges to gently push the monitor into the housing until it snaps into place.



## Monitor – Remove from Flush Mount

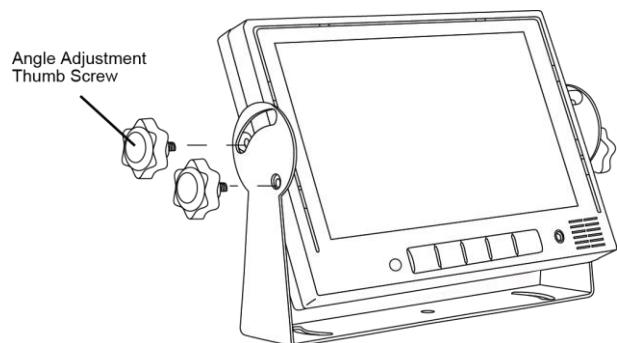
1. Insert the detaching piece as indicated. Press in and lift up and the monitor will be released from the flush mount.

2. Remove the monitor

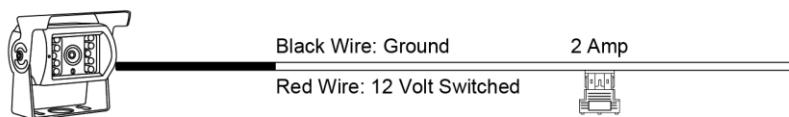
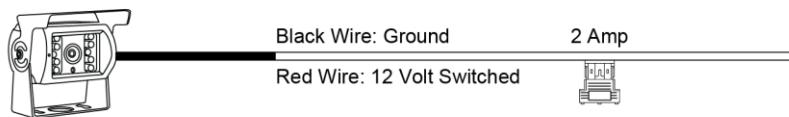
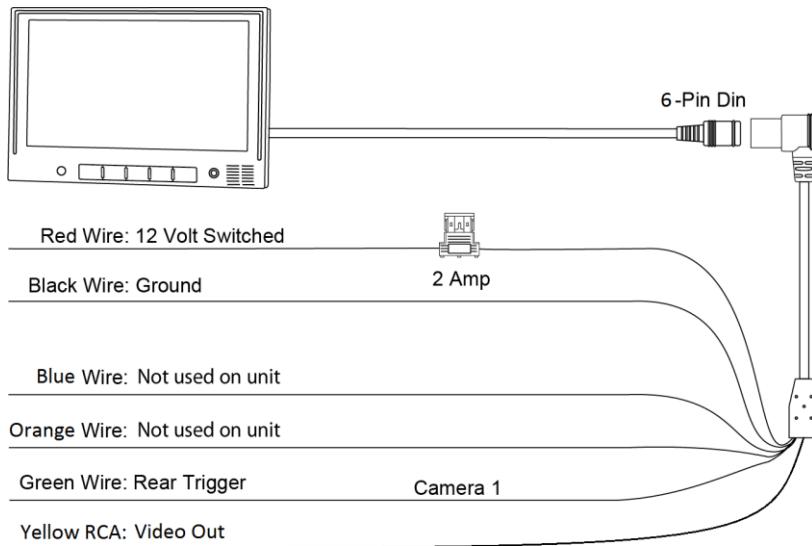


## Monitor -U Bracket Mounting

1. Select a position to mount the monitor that is free of obstructions and moving parts and has a proper viewing angle.
2. Remove the mounting bracket from the monitor and use it as a template to drill the mounting holes.
3. Position the monitor mounting bracket and align with pre-drilled holes, then secure bracket with screws (not supplied).
4. Secure the monitor to the mounting bracket using adjustment thumb screws.



## Wiring Diagram



# Camera Pairing:

1. Connect Power to the Monitor without any cameras connected.

- Press the Menu button  to show menu options.
- Press the Right arrow button  to choose the  icon.
- To Select Camera # 1 (Rear Camera).
- Press  button to choose Camera # 1  icon.
- Next press  button to choose the  icon to learn in camera #1.
- The  icon will flash for about 20 seconds at this time apply power to the camera. The camera will be detected as Camera #1 – REAR Camera.
- You will see the image as CH1 and signal strength bar graph.  

- Repeat for additional cameras.

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2. Select a camera to pair:



**Camera 1** is for rear camera only – This channel is connected with the Rear Trigger.



**Camera 2** is for second camera.



**Camera 3** is for third camera.



**Camera 4** is for forth camera.

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3. Menu Icons.



To confirm or reactivate the camera for channel display.



To cancel or deactivate the camera for channel display.



To return to the previous menu.

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To Select an Icon press the button immediately below the icon.

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## Select Mirror Image / Original Images for Camera 2 and 3

1. In the main menu, select the **Camera icon**



2. Select a camera (**Camera 2** and **Camera 3**)



3. Choose your image display.



For normal image.



For mirror image.

## Brightness Control

1. In the main menu, select the **Camera icon**



2. Select **Brightness Control**.



3. Choose **Auto-Adjust** or **No Adjustment**



**Automatic** – Brightness will adjust automatically according to the surrounded environment. Screen will highlight during day time and dim at night.



**No Adjustment**

## PAL / NTSC Video Standard (Optional)

1. In the main menu, select the **Camera icon**.



2. Select **AV icon**.



3. Choose P for PAL as this is the Australia standard.



for PAL (Australian use)



for NTSC

## **Limited Warranty**

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**RhinoCo Technology, 9 Hannabus Place, McGraths Hill, NSW 2756 Australia.**

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