Specifications

Feature	Specification
Screen size	9"
Resolution	1024 x 600 x 3 (RGB)
Display format	16:9/500:1
Display brightness	500 cd/m^2, 400 nits
Viewing angle	U:50° /D:60° /R:70°
Video input	4 channel
Video source	1Vp-p, 75Ω
Power supply/Supply voltage	DC 10 V - 32 V
Power consumption	6 W
Operating temperature	-20°C ~ +70°C
Video system	Auto NTSC/PAL
Weight	600 g
Impact rating	5 G
Dot pitch	0.2175 H x 0.2088 V
Sync system	Internal
Response time	30 ms

Service & Support

If your **9" LCD Quad View Monitor** is to be returned for service, please contact the Safe Fleet technical support team, provide the part and/or serial # of your unit, and ask for a **Return Merchandise Authorization (RMA) number**.

An **RMA #** allows the support team to better track your product when it comes in for service. Please show the RMA # on the **outside** of the package.

ANY PRODUCT SENT WITHOUT AN RMA# MAY BE REFUSED!

Documentation and Warranty

Additional copies of this guide along with other documentation and product warranty can be found on the Safe Fleet Community website: https://community.safefleet.net

Technical Support

Phone: 1.888.514.7443 opt.3
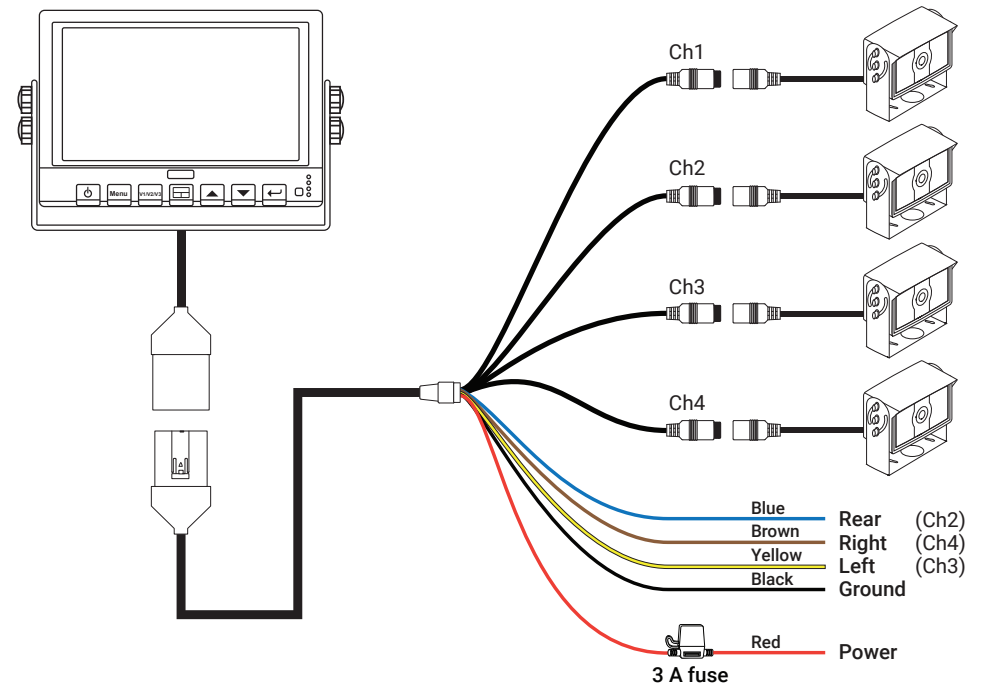**Email**: fmsupport@safefleet.net

Product Overview

This guide covers installation of the portable 9" TFT LCD Quad View color monitor, intended for use on waste collection vehicles.
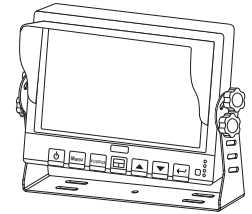
Monitor Kit Contents

Component	Part Number
9" TFT LCD Quad View color monitor	WR9M4C-MON
Power and camera harness	060-5476
Mounting bracket	660-5080
Round head Phillips screw (4 pcs.)	600-5109
Nylon head screw M5 (4 pcs.)	600-5110

Installation Diagram

Ch1	
Ch2	
Ch3	
Ch4	

Blue	Rear	(Ch2)
Brown	Right	(Ch4)
Yellow	Left	(Ch3)
Black	Ground	
Red	Power	

3 A fuse

Installation Instructions

Install the hardware

1. Choose suitable locations for the monitor and the cameras.
2. Route the cables, drilling holes where necessary.
3. Install the mounting bracket for the monitor in a preferred location on the vehicle's dashboard using the provided round head Phillips screws.
4. Secure the monitor on the mounting bracket with the provided nylon head screws.
5. Install the cameras on the vehicle as required.

Nylon head screws

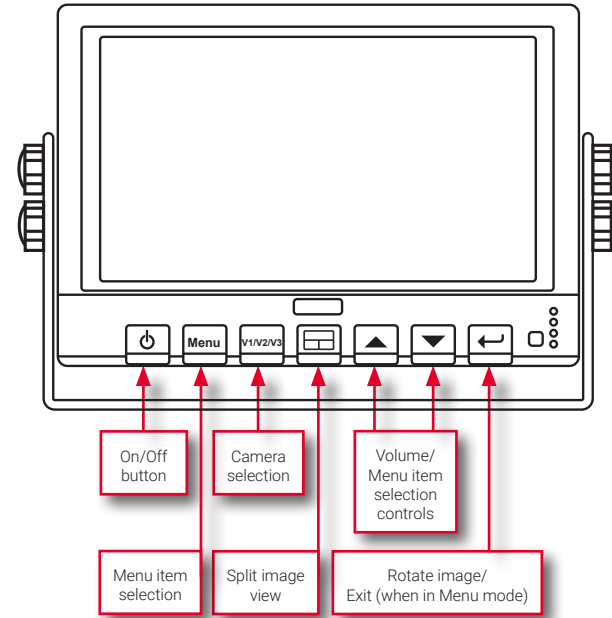Round head Phillips screws
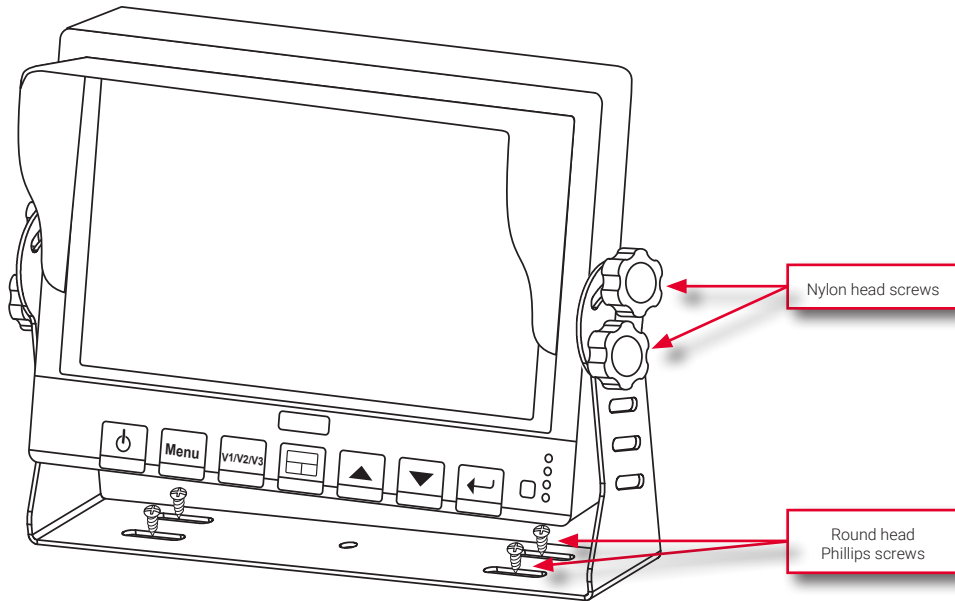
Connect the harness

Refer to the wiring diagram.

1. Connect the 4 camera connectors to the cameras.
2. Connect the power and trigger wires as follows:
   - **Black** to ground, typically a dedicated ground stud or the screw tapped into the chassis as ground
   - **Blue** to the back camera trigger, typically the rear door switch
   - **Brown** to the right camera trigger, typically the right-turn signal
   - **Yellow** to the left camera trigger, typically the left-turn signal
   - **Red** to power, typically after the battery kill switch.
3. Connect the other end of the harness to the monitor's connector.

Monitor controls overview

On/Off button

Camera selection

Volume/ Menu item selection controls

Menu item selection

Split image view

Rotate image/ Exit (when in Menu mode)

Perform the power-on test

1. Start the vehicle.
2. Turn on the monitor, using the On/Off button.
3. If video sources are connected, cycle through camera views to ensure that video from each camera channel is displayed. To do so, press the camera selection button V1/V2/V3 repeatedly.
4. If trigger wires are connected, activate the triggers to check that the cameras turn on as expected and corresponding video from them is displayed. To do so:
   i. Press the **Menu** button, then use the down arrow button to navigate to the **Trigger Source** option and press the **Menu** button again.
   ii. Use the up/down arrow buttons to select the desired trigger (left, right, or back), then press the **Menu** button again. The ON/OFF button for the selected trigger is displayed.
   iii. To activate the trigger, use the up/down arrow buttons to select the **ON** setting.
5. Check that cameras have audio and that the volume controls are working.

> ### ⓘ NOTE: Supported cameras/resolution and how to change them
>
> Note that this monitor can support the standard definition cameras, as well as the 720p AHD cameras. However, it cannot support both resolutions at the same time.
>
> To change the camera/resolution from the monitor menu:
>
> 1. Press the **Menu** button, then use the down arrow button to navigate to the **Camera type** option and press the **Menu** button again.
> 2. Use the down arrow button to select the desired type of camera, then press the **Menu** button.
>
> Note that the monitor will reboot after the camera type selection is made.