



Instruction manual for your wired AHD system

Bench test all components before permanently mounting

Helpful videos to get you started



Full system installtion



Insert shell removal video



Plastic screen protector film
removal



Trigger Wires and Blinkers Delays



Monitor Menu & Settings

Where to start?

Stage 1 - Setting up the monitor side:

1. Remove the monitor, harness, and all its cables from the box
2. Connect the monitor to the dash mount and adjust (to expose the groove, you might need to remove the outer shell)
3. Connect the harness to the corresponding socket in the monitor.
4. Plug the 4 Pin Cable into the corresponding 4 Pin socket of the monitor harness
5. Thread the 4 Pin Cable from the front to the rear of the vehicle, (Spool any extra cable under your dash)
6. On the monitor harness, connect the **RED & YELLOW** (+) and **BLACK** (-) bare wires to your 12-48 volt power source
7. Turn on the monitor and you should see either the rear view camera or a blue screen saying, "No Signal".
(Don't worry about the "No Signal" it will disappear as soon as you connect a camera)

Stage 2- Setting up the camera side:

1. Remove the backup camera from the box with all its cables.
(We always recommend testing the camera before mounting it)
2. Connect the camera to the 4 PIN Cable (Some camera come with 4 Pin to RCA adapter, connect that to the camera first if needed)
3. Mount the camera in its designated location (Roof, License plate, Bumper, etc...)
TIP: *if you're using a split screen monitor, repeat stage 1 and 2 for each camera*
Note: If you dont see the image on your screen, verify that you are on the correct channel input



Full system installtion video

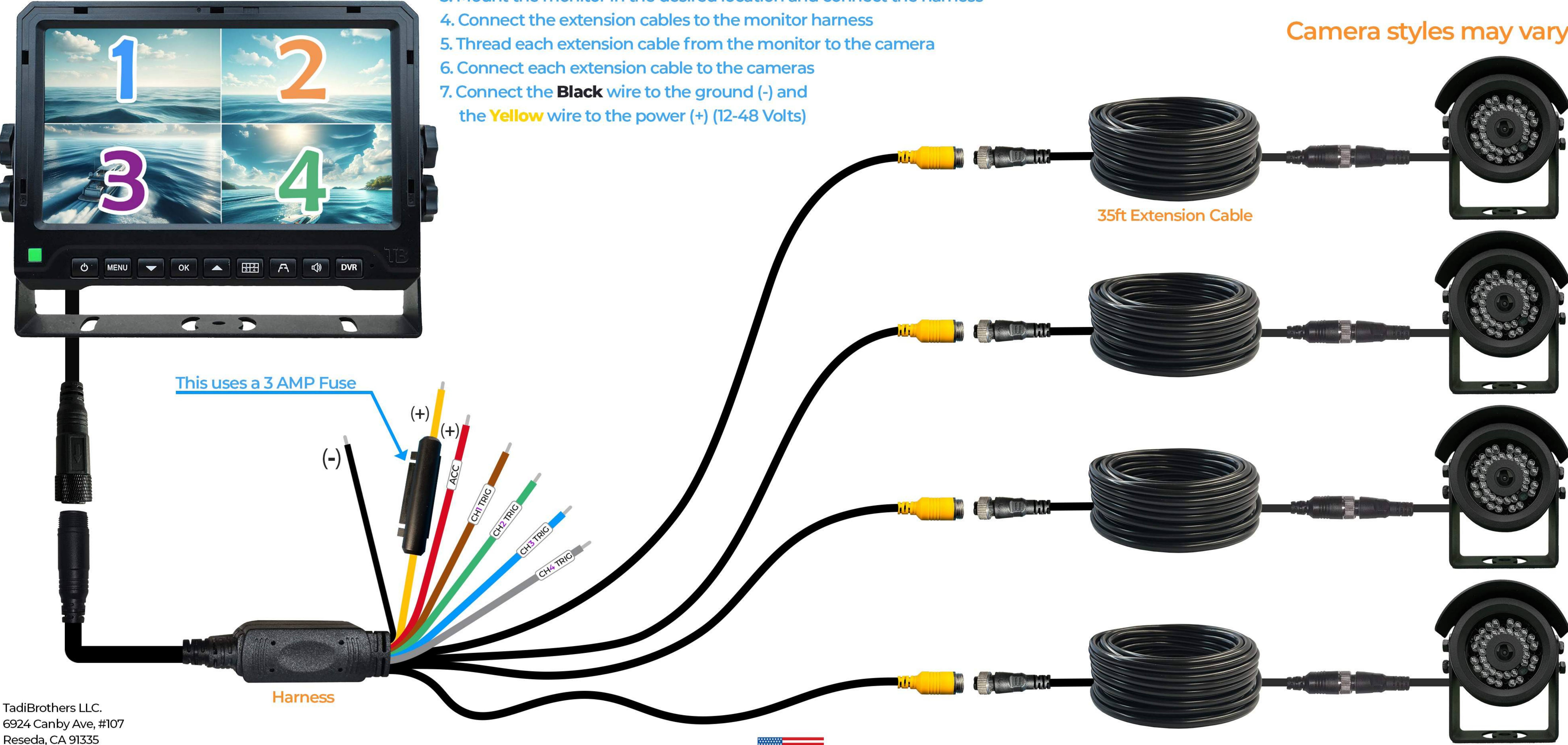
Standard Wired Setup



7 step install process:

- 1. Bench test the entire system
- 2. Place each cameras in the desired locations
- 3. Mount the monitor in the desired location and connect the harness
- 4. Connect the extension cables to the monitor harness
- 5. Thread each extension cable from the monitor to the camera
- 6. Connect each extension cable to the cameras
- 7. Connect the **Black** wire to the ground (-) and the **Yellow** wire to the power (+) (12-48 Volts)

Camera styles may vary



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AHD 1080P Wiring Diagram



1 (866) 966-5550 x 2

M-F 9am-4pm PST

Menu Buttons

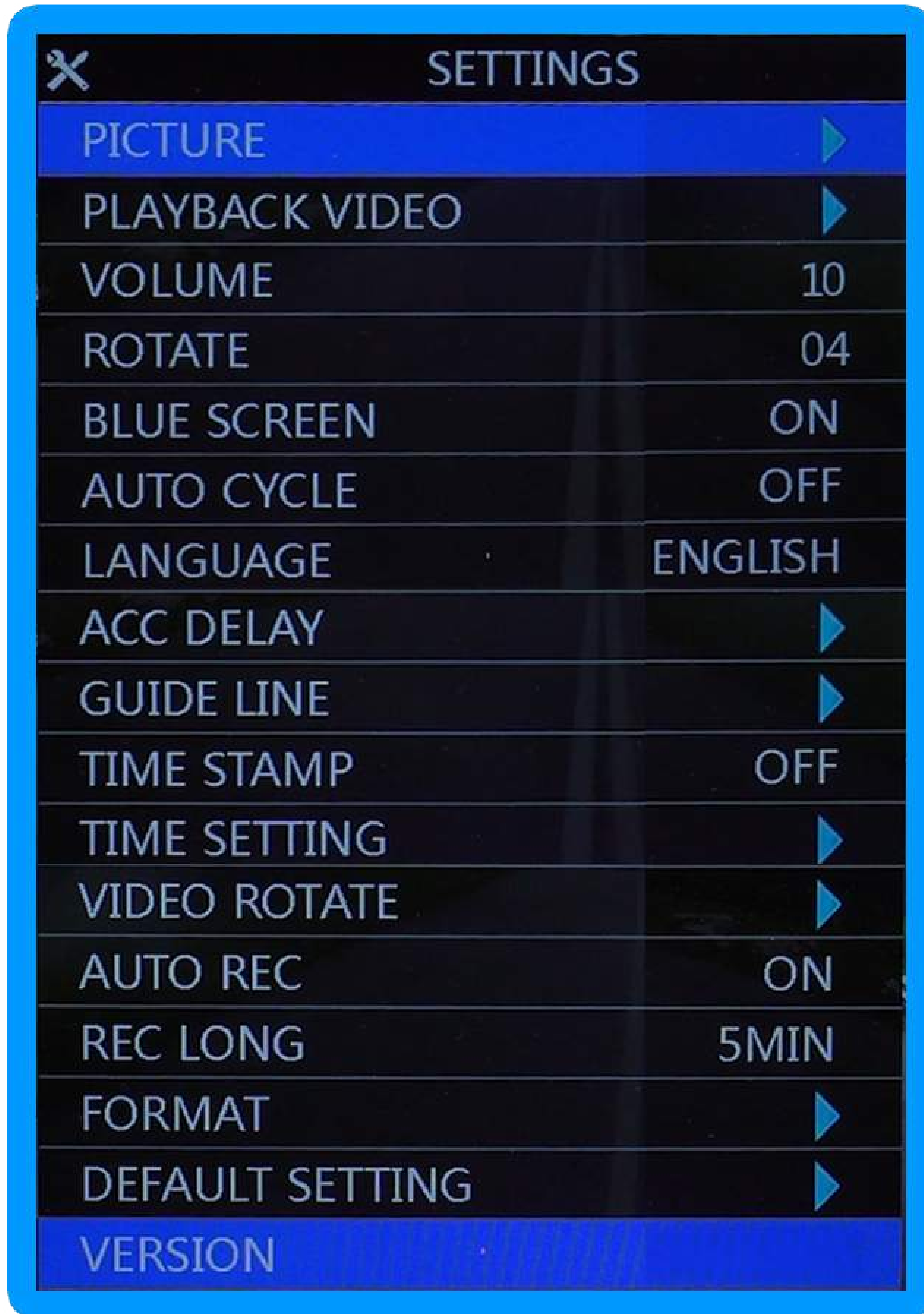
-  Power ON/OFF
-  Menu / Back
-  Up / Down
-  Enter / Save
-  Change Views
-  Activate Gridlines
-  Mute / Unmute
-  Recording Menu



Video on Monitor Buttons

M-F 9am-4pm PST

Menu Settings



Change Color settings Hue/Contrast

DVR Settings and Playback

Adjust Volume

Rotate, Flip, Mirror, the entire screen

Makes screen when there is no camera feed

Cycles through all camera in full screen

Choose your desired interface language

Sets the blinker light delay for triggers

Activates the guidelines for each camera

Show time on the screen as all times

Set the clock

Rotate, Flip, Mirror, an individual camera

Start recording when the vehicle starts

Length of the segments

Delete all content on SD card

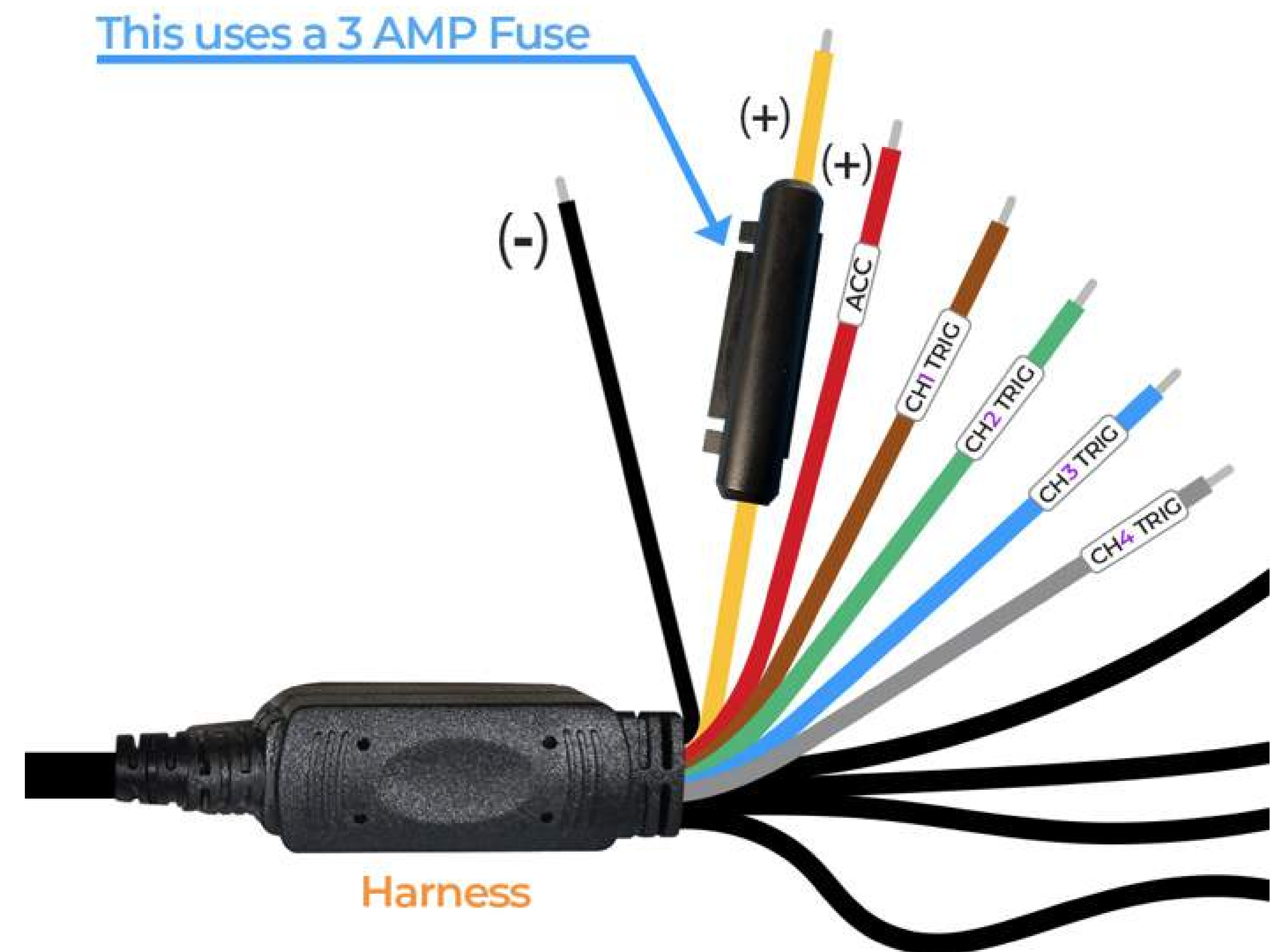
Factory Reset and all settings



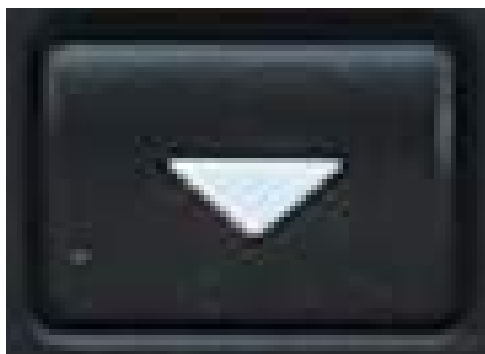
Trigger Wires and Blinkers Delays

In stead of the camera being active consistently, some older vehicles may cause the cameras to blink on and off with the blinker.

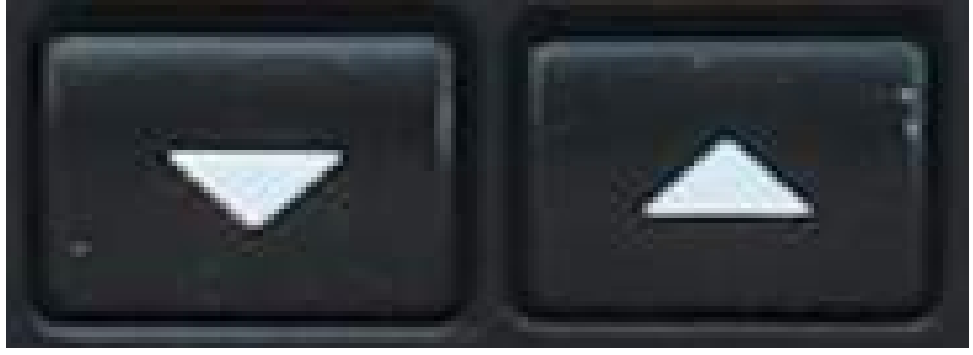
Below is how you solve that.
Also, please scan the QR code for a more detailed video on the triggers and blinker delay.

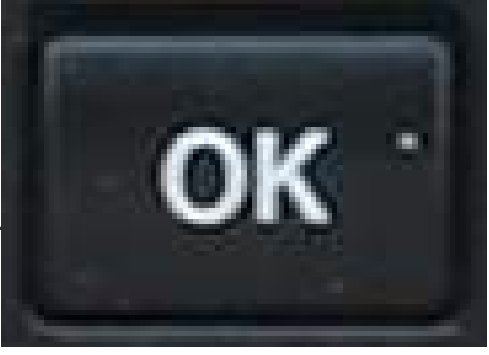


Configuring the the blinker time delay

Click **MENU** and use the  key until you get to **ACC DELAY**

Then Use the  key to choose the channel and click **OK** 

Finally, use the  to adjust the length of the delay

(In seconds), then click **OK**  to save and **MENU**  to Exit



Setup up video for triggers
and blinker delays

Tips that might help

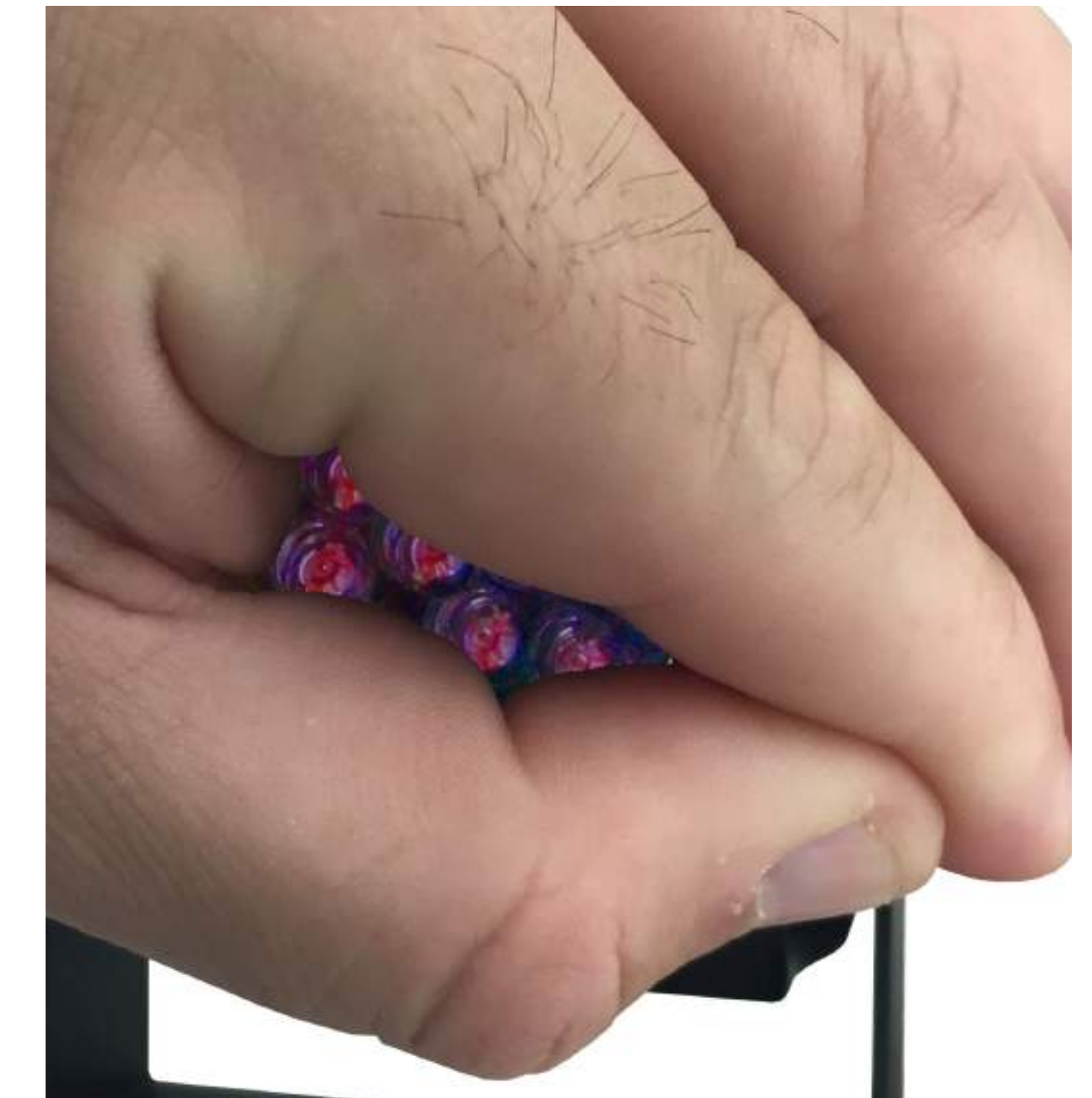


If your system came with a monitor 7-inches and above and you can't see the mounting groove for your bracket, you might need to remove the dash "insert shell".

To remove the shell, press down on the two buttons/tabs on the sides of the monitor, then press down on the little red tab on by the bottom corner of the screen. Then remove the monitor from the shell.

To test that your camera is getting power or to see if your night vision is active, place your hand over the camera and look for the LED lights that surround the lens to turn red. This process will work with ANY of our back-up camera that have the LED lights around the lens (i.e. license camera, RV camera, Bumper camera etc....)

NOTE: LED Lights may be very faint (they are meant to soak in light)



Camera Mounting Guide

Side Camera

The camera is installed the right way when the lens is on **top** and the colored squares are on the bottom. If it's installed the wrong way, the camera image will appear upside down.



NOTE:
This is the correct way to mount the camera



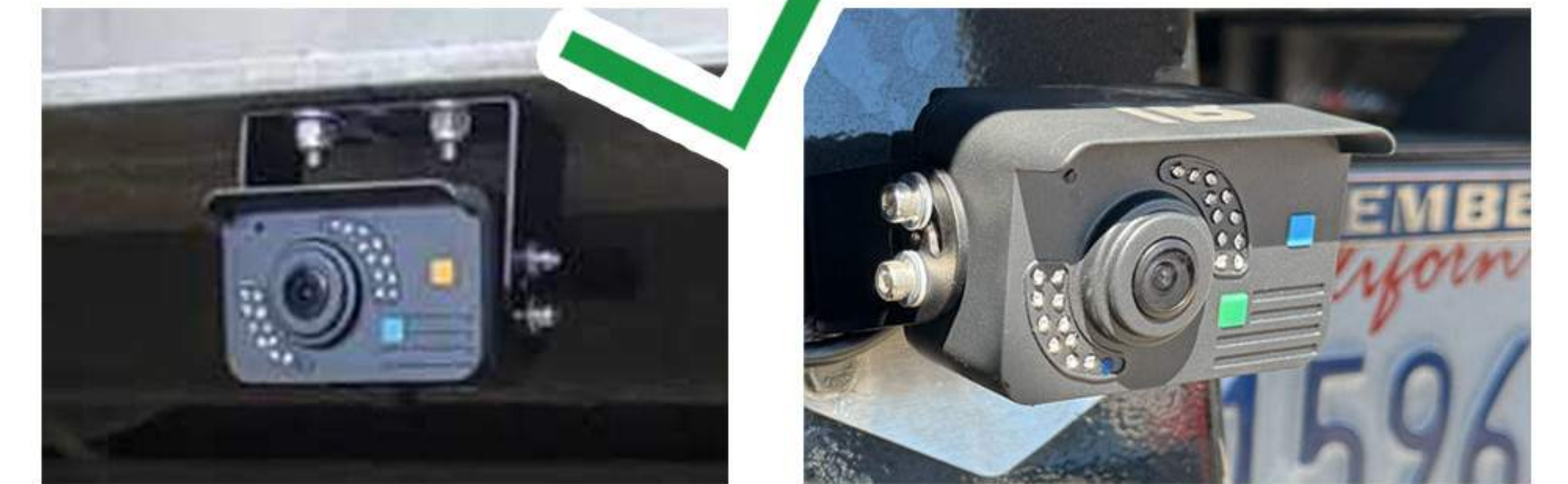
NOTE:
This is the wrong way to mount the camera



Roof Camera

Correct:
The camera is level and upright.

(Lens on the left and colored squares on the right)



Incorrect:
The camera is upside down and/ sideways.

(Lens on the right and color squares on the left)



License Plate Camera

Correct:
The camera is level and upright.



Incorrect:
The camera is upside down



Mounting Examples of Cameras



Mounting Examples of Monitors



Mounting Ideas:

Give your monitor an overhead view by flipping the dash mount that came with your monitor.



You can also get the overhead view with our **suction cup** by mounting it up high.



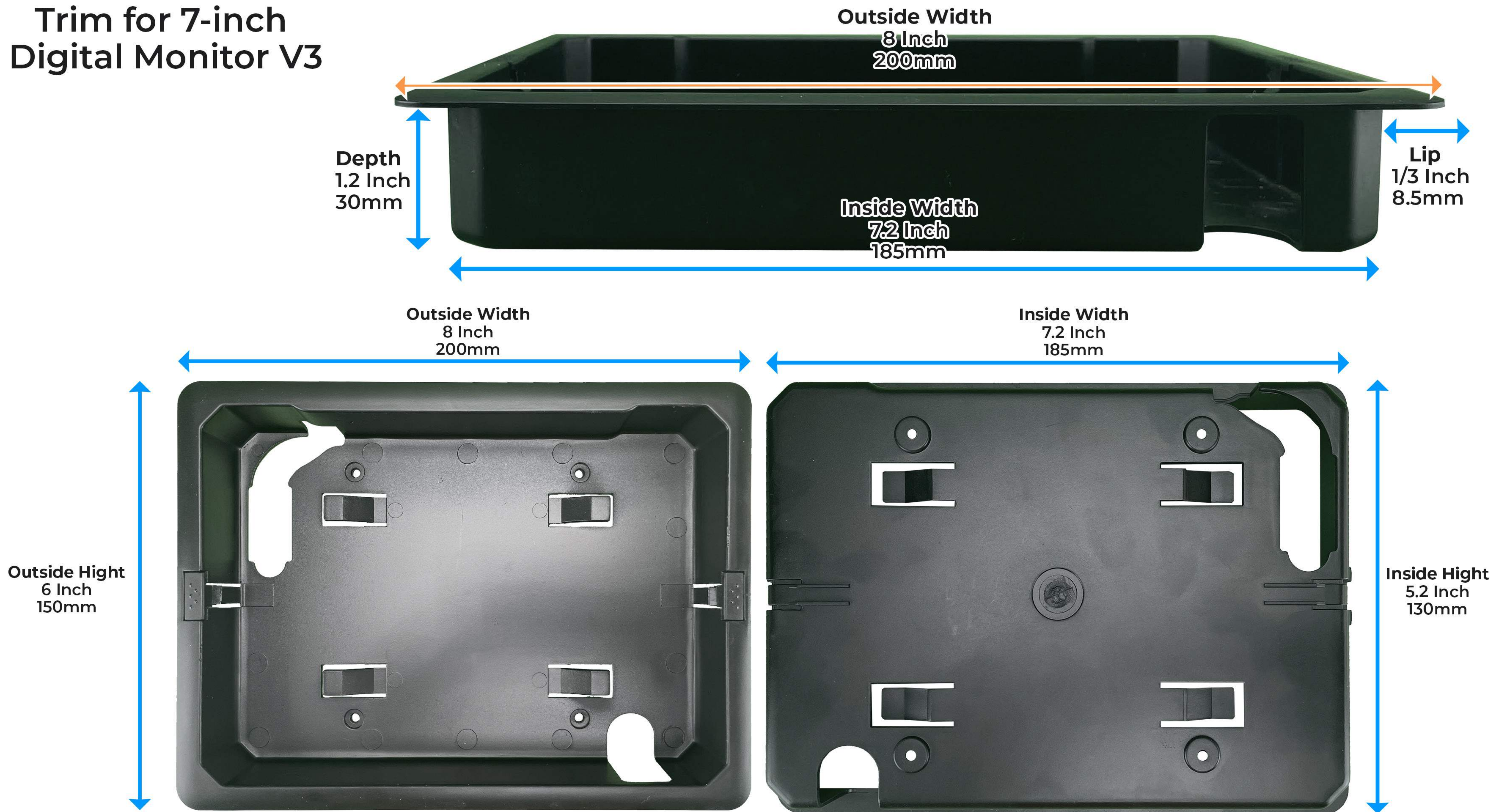
Extra Mounting Advice

Thread the cable from the front to the back, this way its easier to spool up any cable you have left over. If you upgraded to our premium cable we suggest threading it in wat that would leave the FEMALE DC plug by the 12-Volt. This way you can power it from one source.



Trim Mounting

Trim for 7-inch
Digital Monitor V3



Rear Camera Mounting

TADI **BROTHERS.COM**
est. 2003

Width

3.25 in
80 mm



Depth

2.25 in
55 mm

Height

5 in
130 mm



Side Camera Mounting



Depth

2.1 in
53 mm

Length

4.0 in
101 mm

Height

1.8 in
47 mm



Monitor Dimensions



Width: 7-Inch or 180mm
Height: 5-Inch or 127mm
Depth: 1-Inch or 26mm
Weight : 13.6 Oz



Width: 9-Inch or 225mm
Height: 6.5-Inch or 165mm
Depth: 1-Inch or 26mm
Weight : 19.6 Oz



Width: 10-Inch or 255mm
Height: 7.4-Inch or 185mm
Depth: 1-Inch or 26mm
Weight : 23 Oz

*Dimensions and weights do not include the metal U-bracket

Troubleshooting Guide Page 1

These are common issues and questions we have compiled, please read through them and see if they answer any of your questions.

Caution: To avoid burning out your back up camera system you **MUST** connect the camera to the transmitter **BEFORE** connecting the transmitter to the power of the vehicle power/Battery.

1. Why don't the LED lights on the camera turn on?

A. The led bulbs you see on your camera are (infrared) they are meant to soak in the light. When that camera is powered you should not see any lights

2. Why do I see "NO SIGNAL" on my monitor?

A. This means that the monitor is not getting a picture from the camera, make sure the camera is connected to the power and if you are using a wireless system double check that the adaptors are both getting power.

B. If this still doesn't work try connecting the camera directly to the monitor so that you can see if the problem is with the wireless adaptors, the cables between the monitor and the camera, or the camera itself

3. Why is my monitor showing white?

A. This is usually a result of using a bad power connector, make sure ALL the cables are insulated correctly and don't use any "makeshift" cigarette adaptors. Those may use more than 14 volts and will cause the system to go white or even burn it out.

4. How can I get an original cigarette adaptor?

A. You can purchase it at tadibrothers.com (SKU89171) or take the cable to your local Radio Shack and they should have what you need.

5. Why does my screen look "scratched up"?

A. Peel off the film over the screen, even if it looks like it's not there, keep trying, we don't sell used items and its ALWAYS the film over the screen (This only applies to MONITORS not MIRRORS)

6. Where can I have it installed?

A. You can install your system anywhere that installs car radios; it should not take more than 1-2 hours of work. Some of our customers have had success with Best Buy.

7. How can I connect my system so that it is always on?

A. When installing the camera plug it into a constant power source (a power source that is always on, when the vehicle is on) then you will always be able to look behind.

8. How do I connect my system so that it turns on when I go in reverse?

A. When installing the camera, connect it to a reverse light power source this way the camera will turn on only when you go in reverse, and the monitor will show an image only when it is getting a picture from the camera. (Note: The RED wire connects to the positive (+) of the reverse light & the BLACK wire connects to the ground (-) of the reverse light)

Troubleshooting Guide Page 2

9. What is the pass code for my Bluetooth monitor?

We have 3 codes that you should try:

- A. 0000
- B. 1234
- C. 8888

10. My system is supposed to be wireless, why are there so many wires in a wireless system?

A. The reason your system is called wireless is because there is NO WIRE between the monitor and the camera, both systems still need power/ground and a wireless module

11. Why are there NO holes or grooves for my monitors dash mount stand?

A. Remove the plastic shell that is over your monitor, it might look like it's part of the monitor but it can pop off, when you pull on it you can see that it can be taken off

12. My 2.5-4.3" Monitor doesn't show anything but a black screen?

- A. Your camera isn't getting power
- B. The RCA cable is not plugged in to both sides correctly
- C. One or both of you wireless adaptors are not power up (check connections)

13. Why is there a Blue or Green wire, what do I do with it?

A. The Blue or Green Cable is an optional trigger wire for the monitor, if connected to reverse fuse (usually under your dash) the monitor will activate when you go in reverse

14. Do the transmitter boxes need to be protected from the weather?

A. No, they are weather proof, but we do recommend setting them up so that they won't dangle while you drive, this way you get a clearer image and they won't get damaged from bouncing around.

15. Why does my wireless system lose reception when I drive or when I turn on the vehicle?

- A. Try connecting the wireless adaptors to a different power source, there have been rare cases that power source caused interference
- B. Try extending the transmitter with an RCA cable so that its closer to the receiver (some areas have more interference than other so it needs that extra boost)

16. My wireless system gets lines or "no signal" in the display only when I start driving?

A. Make sure the wireless adaptors are fastened tightly to the vehicle and not bouncing around.
(Tip - use Velcro to fasten them to the vehicle, available at Tadibrothers.com or most stores)

17. How do I remove the grid lines from my camera?

A. To remove the gridlines, twist together the two wires that come out of the camera, only then, connect the power plug into the 12 volt of the vehicle or battery, then the lines will disappear.

18. How can I return my product?

A. All items must get an RMA from our service department, please call them for the RMA at 866-966-5550 X 2

More Information

TadiBrothers Warranty & Protection Policy

This TadiBrothers product comes with a **1-year standard warranty** and a **30-day money back guarantee**. Within 30 days, you can return the product for a full refund or exchange.



Extended warranties purchased from TadiBrothers offer full coverage on defects for the length of the warranty. If an extended warranty claim is needed, simply return the item for a replacement. Most replacements are processed within 5-10 business days, though return shipping may apply in some cases.

Our extended protection plans cover accidental damage and more. Even if the damage is your fault, we'll replace the item with a new or refurbished product. If no replacement is available, you'll receive the newest version at no extra cost.

Read full return policy here:
<https://www.tadibrothers.com/returns>



For any issues, contact us:
 (866) 966-5550
 help@tadibrothers.com

We back you up!
— The TadiBrothers Team

Notes

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