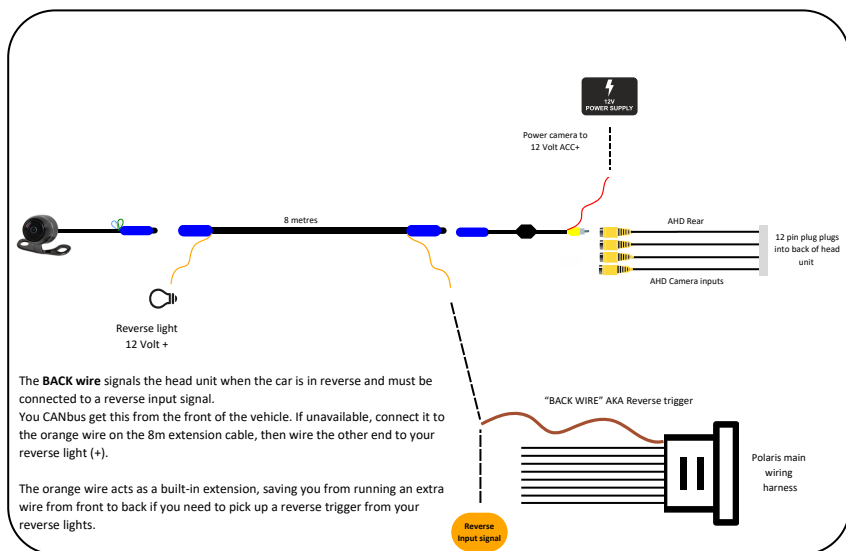


Polaris AHD Mini Camera



1. **Plug in the Camera** – Connect the camera into the **AHD REAR** camera input
2. **Power the Camera** – Connect the **RED** wire from the camera's RCA plug to an accessory power source (**12V ACC+**).
3. **Connect the Reverse Trigger** – Locate the **"BACK/REVERSE"** wire on the **main power harness** and connect it to a **reverse signal** from your vehicle. This tells the head unit when you shift into reverse.
4. **Skip Step 3 if You Have a CANbus Module** – If your head unit has a **CANbus module**, it will handle the reverse signal automatically.
5. **Alternative Reverse Signal for Older Vehicles** – If your vehicle doesn't have a reverse signal at the front, use the **orange wire** on the camera extension cable to connect to your **reverse lights at the rear**.
6. **Check Settings** – After installing and powering on the unit, confirm that the **camera input** and **format** are set correctly: **Settings > Reverse Mode > Reverse Video Input: AHD Front Rear Record. Format : 1080 FHD 30Hz**
7. **Test the Camera** – Shift into reverse and make sure the camera displays properly on the screen.
8. If you have **multiple cameras**, please see pages [19](#) to [20](#) to ensure the correct settings are adjusted.

Mini Camera Control Wires

BLUE: AHD/CVBS: Cut this wire to convert the camera to a CVBS signal (note: camera image quality will decrease slightly).

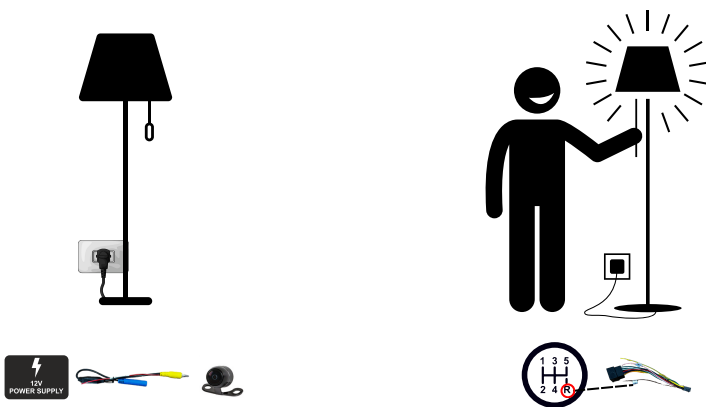
GREEN: Image Control: Cut this wire to mount the camera on the front of the vehicle and change the reversed image to a front-facing image.

WHITE: Guidelines: Cut this wire to remove the guidelines from the camera display.

Still confused about camera power and reverse trigger?

Lamp Analogy:

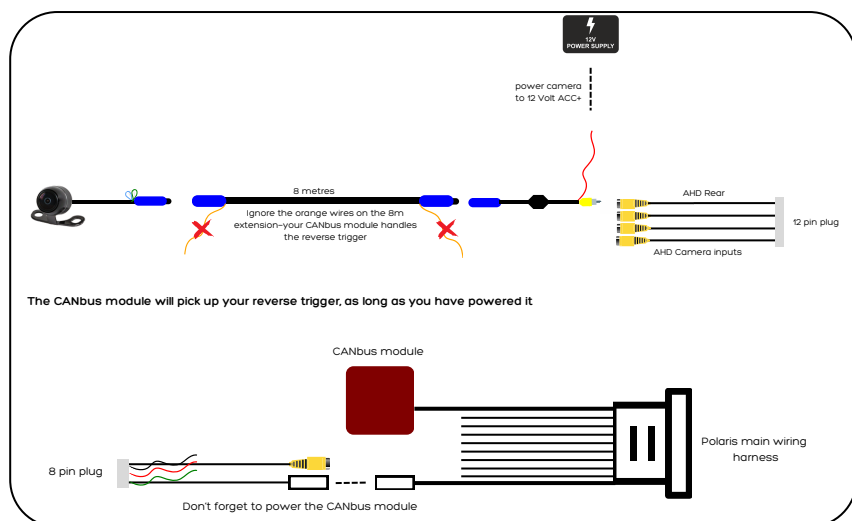
- Imagine you have a lamp (**THE CAMERA**) plugged into the wall and turned on.
- The lamp has **POWER**, but without someone flipping the light switch (**REVERSE TRIGGER**), the lamp (**the head unit display**) won't know to turn on.
- The reverse trigger is like the light switch—it tells the head unit when it's time to switch to the camera feed, even if the camera itself already has power.
- If you have powered the camera to 12 volt+ Accessories, you can also manually “**switch**” it on via the Cam app on the head unit.



POWERING the camera to **12 VOLT ACC+** is like plugging a lamp into a wall

Wiring up the **BACK** wire from the Polaris main harness to a **REVERSE FEED** in the car is like switching the lamp on

Polaris AHD Mini Camera with CANbus module



1. **Plug in the Camera** – Connect the camera into the **AHD REAR** camera input.
2. **Power the Camera** – Connect the **RED** wire from the camera's RCA plug to an accessory power source (**12V ACC+**).
3. **Reverse Trigger Handling** – If your head unit includes a **CANbus module**, it will automatically manage the reverse signal.
4. **Power the CANbus Module** - Make sure you have **powered** the **CANbus module** by plugging together **2 white plugs** (one is located on the **Polaris main harness** and the other is located on one of the **fly leads**).
5. **Check Settings** – After installing and powering on the unit, confirm that the camera input and format are set correctly: **Settings > Reverse Mode > Reverse Video Input: AHD Front Rear Record. Format : 1080 FHD 30Hz**
6. **Test the Camera** – Shift into reverse and make sure the camera displays properly on the screen.
7. If you have **multiple cameras**, please see pages 19 to 20 to ensure the correct settings are adjusted.