

RESPONSE

Spare Reversing Camera



User Manual

QM-3857

Installation:

Positioning The Camera:

1. Place the wireless camera on the license plate or rear of the vehicle using screws or the 3M tape to securely fix in place.
2. Depending on where your camera is positioned; adjust the tilt accordingly to obtain the best view.

Please Note: The camera has inbuilt infrared LEDs, these will automatically turn on when there is insufficient light

Wiring The Camera:

1. Connect the wires of the camera to an 8-30VDC power source of your vehicle.
2. Ensure you have connected the camera wiring by the correct polarity which is RED (+Positive) and BLACK (-Negative).
3. If you are using this device as a reversing camera; connect the camera to the tail/reversing lights so the camera is automatically switched on once you place your vehicle in reverse.
4. If you are using this device for observation purposes; connect the camera to a constant power source such as your interior lights so that the camera will automatically turn on once your vehicle has started up.

Please Note: Ensure the camera is connected to an 8-30VDC source otherwise it may damage the camera. If you are unsure how to wire the camera correctly, please consult an auto electrician.

Operation:

Pairing:

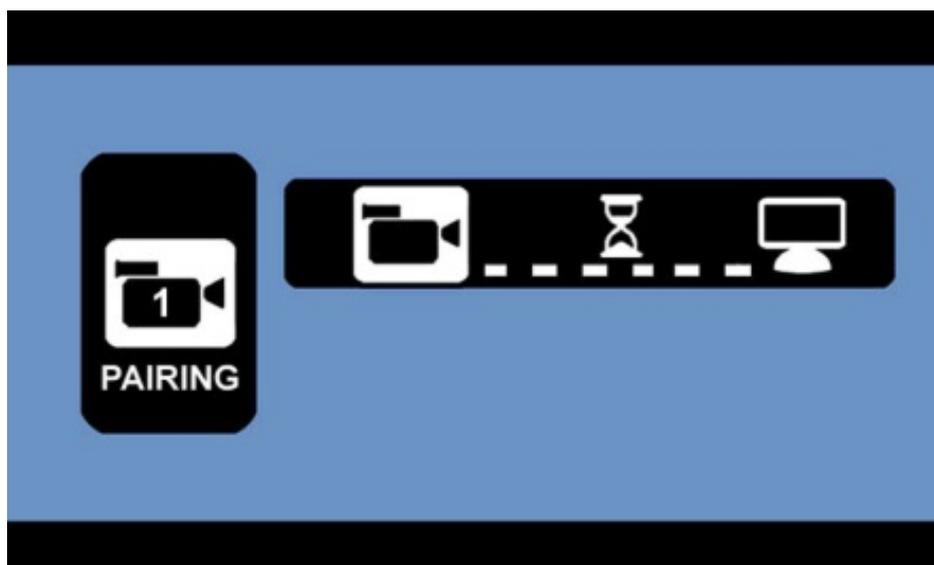
The reversing camera is already pre-paired with the monitor by default. If you need to pair the unit again or need to apply a second camera to the monitor; then please complete the following procedure:

1. Press the MENU button to enter the main menu.

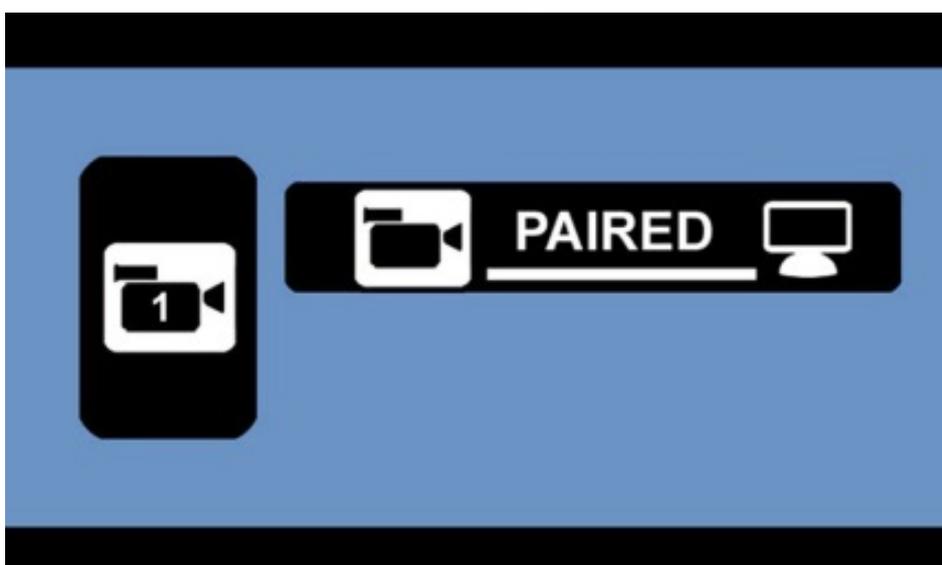
2. Press the POWER / ENTER button to enter the pairing menu.



3. Press the pairing button located at the bottom of the camera.
4. The pairing now should begin automatically as shown below:



5. After the pairing is successful, you should see "Paired" displayed as shown below:



6. Press the MENU / RETURN button to exit to the main menu.

Please Note: If the pairing is unsuccessful, please repeat the procedure again.
If connecting with one of two cameras; they can be both paired simultaneously or individually.

Setup:

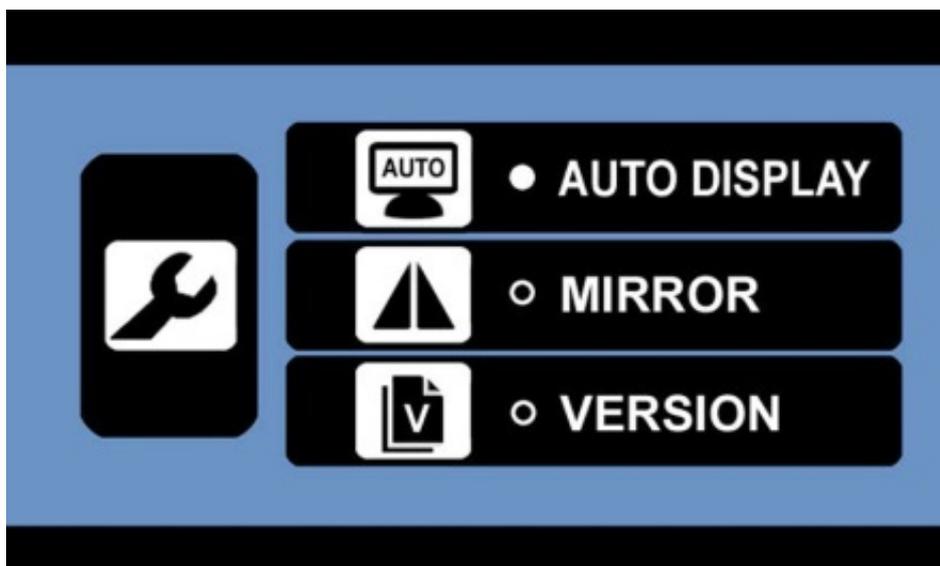
Display:

Select between displaying camera 1, camera 2 or displaying both cameras if you have an additional camera paired.

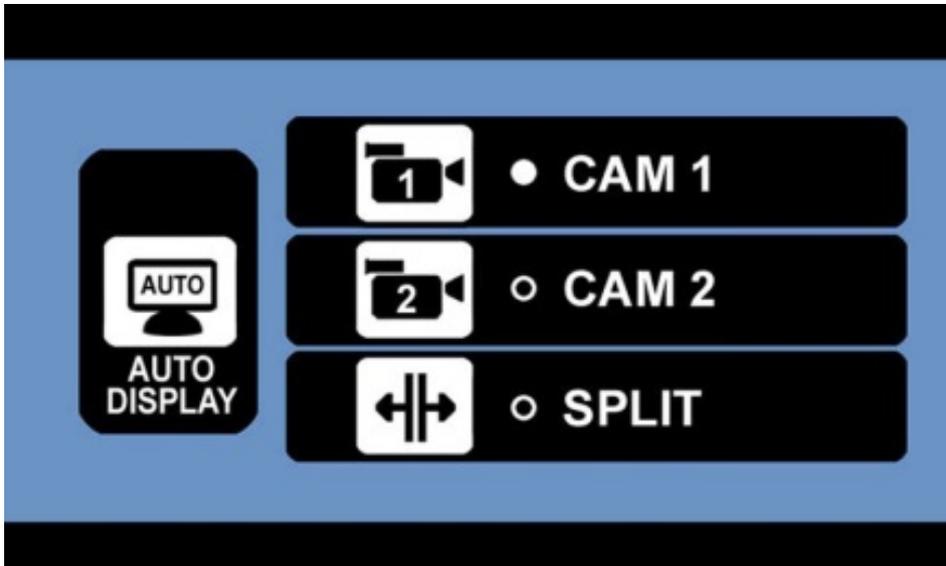
1. Press the MENU button to enter the main menu.
2. Press the DOWN button to select the setup menu.
3. Press the POWER / ENTER button to enter the setup menu.



4. Press the POWER / ENTER button to enter the auto display menu.



5. Select which display you would like to choose between camera 1, camera 2 and split display.
6. Press the POWER / ENTER button to confirm.



7. Press the MENU / RETURN button to exit to the main menu.
8. You can press the UP button to enter the auto display when there is no menu shown.
9. Press the DOWN button to select between camera 1, camera 2 or both when there is no menu shown.

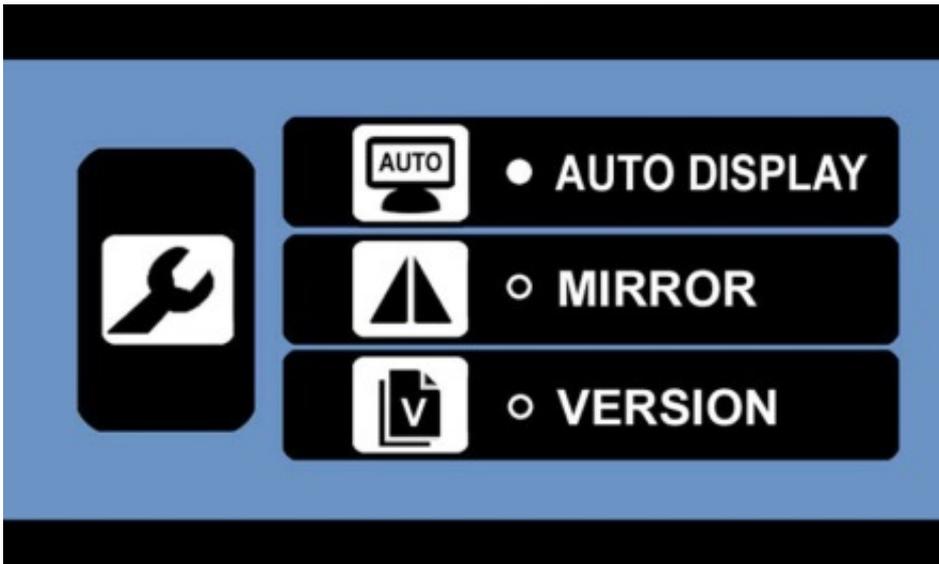
Mirror:

This option allows you to display the image in normal mode, up 180°, flipped (mirror) or flipped 180° (mirror) depending on how your monitor is positioned on your wind screen.

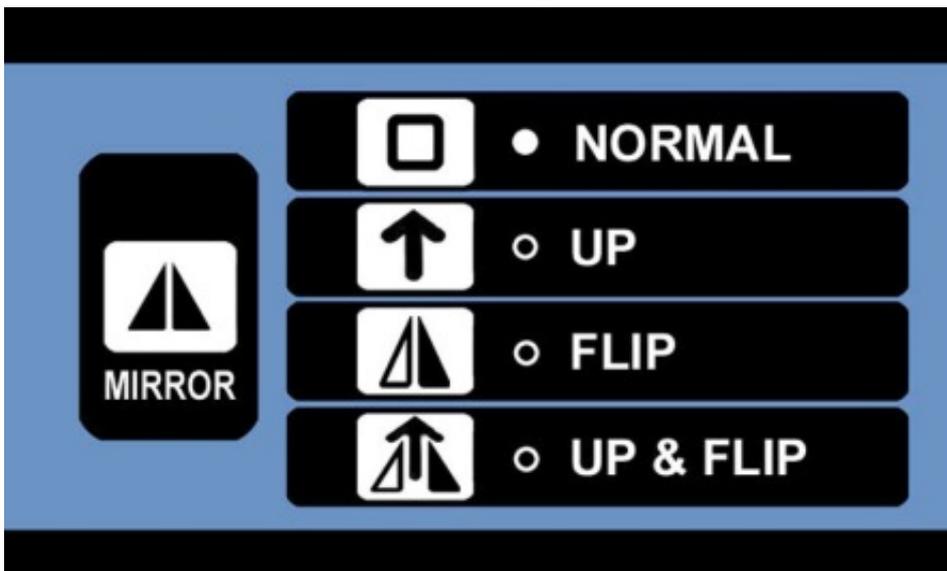
1. Press the MENU button to enter the main menu.
2. Press the DOWN button; then the POWER / ENTER button to enter the setup menu.



3. Press the DOWN button; then press the POWER / ENTER button to enter the mirror menu.



4. Select which mirror mode you would like to choose depending on how your monitor is positioned on your wind screen.
5. Press the DOWN button; then the POWER / ENTER button to confirm which option you prefer.



6. Press the MENU / RETURN button to exit to the main menu.

Troubleshooting:

Problem	Solution
Monitor & Camera Not Pairing	Check to see if the camera is connected to 8-30VDC power
	Check the polarity (positive & negative) of the camera wiring is correct
	Reduce the distance between the camera and monitor when pairing first
Intermittent Signal	Check the antenna's on both the camera and monitor to see if they are secure
	Distance of the camera and monitor is too far, please reduce it.
	Pair the camera and monitor again

Safety Instructions:

- Ensure the camera is connected to an 8-30VDC source only otherwise it may damage the unit.
- Ensure correct polarity of the camera wiring otherwise may result in damage to the unit.
- Clean this unit only with a microfiber cloth, cleaning with water may damage the unit.
- Ensure all power sources are isolated before installation.
- Ensure the camera wiring is insulated correctly otherwise it may disconnect.
- If you are unsure on how to install this reversing camera kit, refer to an auto electrician.

Specifications:

Frequency: 2.4GHz Digital

Resolution: 720 x 480

Image Sensor: 1/3" CMOS

Frame Rate: 30fps

Lens Angle: 110°

Infrared LEDs: 6

Infrared Distance: Up to 1.5m

Antenna: 3dBi

IP Rating: IP65

Voltage Input: 8-30VDC

Standby Current: Up to 30mA

Current Consumption: Up to 350mA

Suitable Temperature: -10° - 50°C

Dimensions: 84(W) x 42(H) x 36(D)mm

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