

Installation guide for Mercury Camera and Internal facing camera



Version History

Version	Date	Author	Reviewer	Position
V1.0	08/06/2026	Kyle Rees		Installation Quality & Training Manager
	08/06/2026		Rob Winfield	Senior Engineer & Quality Manager
	08/06/2026		Rhys Morgan	Field Technical Lead
	08/06/2026		Mark Paterson	Engineer Quality & Training Manager

Change History

This section details what changes have been made in order to prompt a new version of this product specification

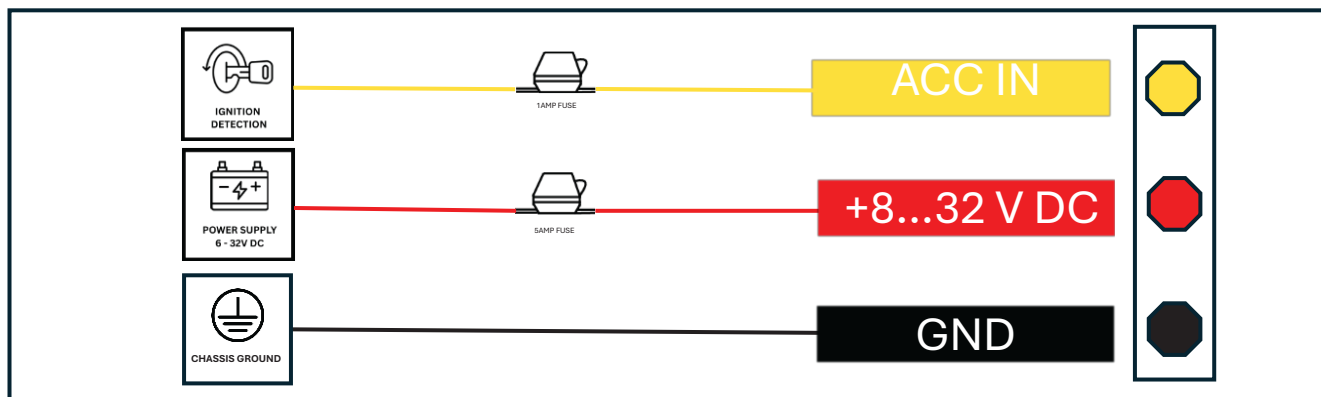
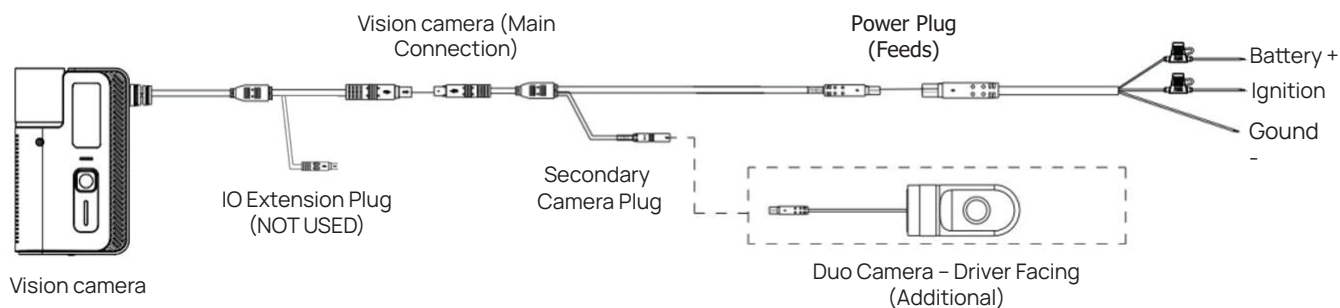
Version Number	Date	Author	Change Made	Reason for change

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Schematics For The Mercury Camera

When installing the Mercury camera please follow the schematics below (3 wire install)



IMPORTANT – Use multimeter to make sure feeds taken are correct

COLOUR	DESCRIPTION	PURPOSE
YELLOW	ACC-IN	Ignition 0 – 32V DC
RED	BATTERY+	Power supply (8-30 V DC (+))
BLACK	GND	Ground pin (-)

Mercury LED sequences

As the corresponding functions are activated, the LED light will change the corresponding colours in sequence.

STATUS LED	WHITE	GREEN	BLUE	PURPLE	RED
ON	During the first minute device is powered on	Device connecting to platform	Recording	GPS working	Alert

Important end process

All vision installations

Must be commissioned with our Radius commissioning team, the contact number and opening hours are detailed below:

Radius Commissioning Number : 01270 904880

Monday – Thursday: 08:00 - 17:00

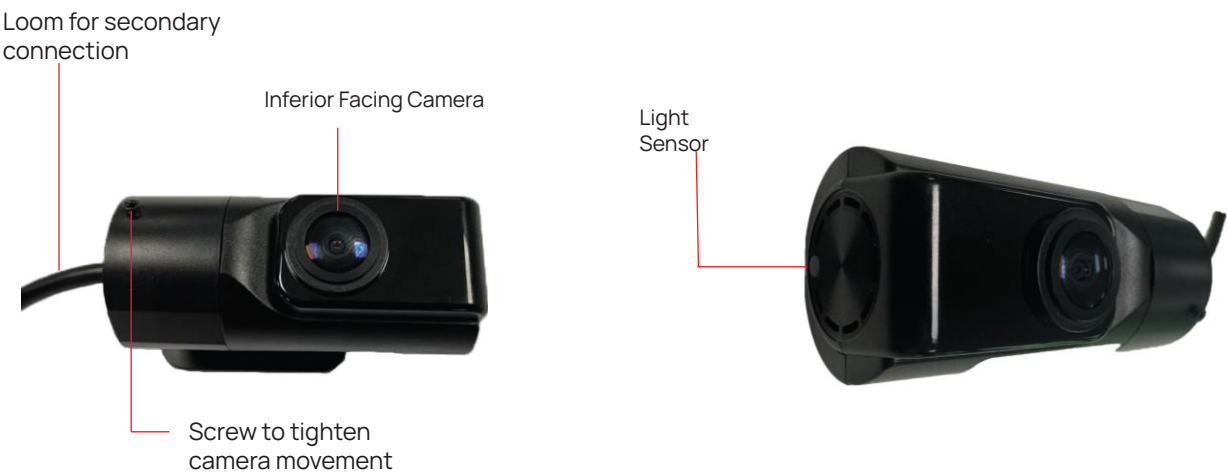
Friday: 8:00 – 16:00

Saturday: 09:00 – 14:00

Overview of the Mercury Camera



Overview of the Internal Facing Camera



Mercury Camera Installation



What's in the box?

For a Mercury camera installation, you will find the following:

- Mercury Camera
 - Camera Main Loom
 - Detachable bracket (3M Tape Applied)
 - Hex Key
 - Camera Adjustment Lock screw
 - Power Loom
 - I/O Extension Loom
-
- Inspect the windscreen for any cracks or chips before installation
 - Check that the camera placement legal and will not obstruct the driver's view
 - Ensure the camera captures the maximum possible field of vision

Inspection Of Windscreen & Camera Positioning

Check the following before placement of camera:



Cable Routing

Check the following before routing cable:

- Check for the presence of any airbags (roof-mounted or side airbags) in the installation area
- Assess how much excess cable may be visible after installation



IMPORTANT NOTES:

- Remove centre trim panels where necessary to ensure a neat and tidy installation
- Secure and tuck any excess wiring into the roof lining
- When routing cables down the A-pillar, follow existing OEM looms and secure using cable ties
- Where a side-curtain airbag is present, route the loom in a way that does not interfere with its operation or safety function

MOUNTING THE MERCURY CAMERA TO THE WINDSCREEN

Please follow the procedure below:

1. Remove the protective film from the front of the camera
2. Clean the installation area on the windscreen using an alcohol wipe
3. If weather conditions are cold or freezing, gently warm the windscreen before installation
4. Adjust the camera to the appropriate angle and secure it using the provided hex key and tightening screw at the rear
5. Attach the detachable bracket to the windscreen using the Pre-applied 3M adhesive
6. Apply firm pressure to ensure the bracket is fully secured to the windscreen
7. Slide the camera onto the bracket and tighten the side screw using the hex key to secure it in place



Connecting the feeds ignition, permanent and earth

Please follow the procedure below when connecting the feeds:

- Always solder connection to vehicle
- Check permanent does not drop out after vehicle shut down
- Check ignition is a true ignition and not used for media
- Always earth to chassis



Internal Facing Camera Installation



What's in the box?

For a Mercury and internal facing camera installation you will find the following:

- Mercury Camera
- Internal Facing Camera
- Camera Main Loom
- Detachable bracket (3M Tape Applied)
- Hex Key
- Camera Adjustment Lock screw
- Power Loom
- I/O Extension Loom

Inspection Of Windscreen Camera Positioning

*Please make sure Light sensor on side of the camera is not blocked from light Please check the following before placement of the internal facing camera:

- Inspect the windscreen for any cracks or chips before installation
- Check that the camera placement legal and will not obstruct the driver's view
- Ensure the camera captures the maximum possible field of vision
- Is this placed away from area where the sun visor when down will block the camera vision
- Make sure the light sensor on the side of the camera is not blocked



Cable Routing

Check the following before routing the cable:

- Check for the presence of any airbags (roof-mounted or side airbags) in the installation area
- Assess how much excess cable may be visible after installation



Mounting the internal facing camera to the windscreen

Please follow the procedure below:

- 1. Remove the protective film from the front of the camera
- 2. Clean the installation area on the windscreen using an alcohol wipe
- 3. If weather conditions are cold or freezing, gently warm the windscreen before installation
- 4. Adjust the camera to the appropriate angle and secure it using a Philips head screwdriver by tightening the screw at the front of the camera
- 5. Attach the camera to the windscreen using the pre-applied 3M adhesive
- 6. Apply firm pressure to ensure the bracket is fully secured to the windscreen



Connecting the internal camera

Use the following method when connecting additional camera:

- Locate secondary camera plug on main loom (labelled CAM)
- Match the arrows and connect



Final checks:

Please check over the installation visually and with our commissioning team by calling the number in page 2