



# Connects2 Vision

## User Manual

### CAM-FD13

Dual Lens Brake Light Camera  
Ford Transit Custom 2012 - UP

#### PRODUCT FEATURES:

	Reversing Camera	Driving Camera
• Image Sensor:	Colour 1/3" CMOS	Colour 1/3" CMOS
• TV Lines:	580	580
• Resolution:	648 x 488 pixels	648 x 488 pixels
• Min. Illumination:	0.1 Lux (0 Lux when LED's on)	0.1 Lux
• Lens size:	1.8mm	3.6mm
• Night Vision Distance:	35ft	-
• Waterproof Rating:	IP68	IP68
• Viewing Angle:	Vertical: 80° Horizontal: 145° Diagonal: 175°	Vertical: 55° Horizontal: 80° Diagonal: 110°
• Lens Adjust:	20° (Vertical movement only)	30° (Vertical movement only)
• Video Output:	1.0 Vp-p/75 Ohm	1.0 Vp-p/75 Ohm
• Parking Guides:	Yes (Removable)	-
• Power Rating:	12V	12V

#### DISCLAIMER:

##### Prior to Installation

Read the manual prior to installation. Technical knowledge is necessary for installation. Please ensure you use the correct tools to avoid damage to the vehicle or product.

***Connects2 can not be held responsible for the installation of this product.***

##### Technical Support

Connects2 want to provide a fast and suitable resolution should you encounter any technical issues. With this in mind, when contacting Connects2, try to provide as much information as possible. This will speed up the process and help us to help you.

**Please use our dedicated online technical support centre: [support.connects2.com](http://support.connects2.com)**

- Camera with Male 7pin camera connector
- 10m Female 7pin to Male 7pin extension cable
- 7pin Male aviation connector to 2x Female 4pin connectors (1x Yellow, 1x Black)
- 2x 4pin Male aviation connectors to 2x Female RCA's (1x Yellow, 1x Black)
- 2x DC power cables with Male DC connector to bare wires
- 2x Male to Male RCA adapters
- 3M camera shaped foam pad
- Instructions

## INSTALLATION

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1. Remove the third brake light from the vehicle and unplug the connection cable.
2. Refit the CAM-FD13 (if needed, with the use of the 3M foam pad) to the vehicle, taking care not to trap any cables.
3. Connect the 7pin of the extension cable to the camera and thread through the vehicle
4. Attach the Female 7pin connector from the extension to the 7pin to dual 4pin adapter.
5. Take the 2x 4pin connections and attach both the 4pin connectors found on the RCA/DC split wire.
6. Use both the DC power cables to plug into the black connector and proceed to wire the red to a source of 12V and black to a source of ground.
7. Use the RCA adapter to plug into the yellow RCA on the harness, and proceed to plug this into the aftermarket accessory's video input(s).
8. Test the camera connection by turning on the ignition. The rear camera feed should now be visible on screen. Put the vehicle into reverse and the reverse camera feed will automatically populate on screen.  
If camera feed is unresponsive, please uninstall the wiring and reinstall carefully in accordance with the above steps.
9. The camera will be default with parking guidelines. To remove this, simply cut the black loop wire found on the camera's connector.

**For further help and support, please contact us directly at [support.connects2.com/tickets/technical](http://support.connects2.com/tickets/technical) and fill out a support ticket with the full details of your issue.**



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