



...connecting to the aftermarket

# Connects2 Vision

## User Manual

### CAM-FD13

### Dual Lens Brake Light Camera

Ford Transit Custom 2012 - UP



#### PRODUCT FEATURES:

	Reversing Camera	Driving Camera
• Resolution:	580 TV Lines	580 TV Lines
• Total Pixels:	648 x 488 pixels	648 x 488 pixels
• Lens size:	1.8mm	3.6mm
• Image Sensor:	Colour 1/3" CMOS	Colour 1/3" CMOS
• 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
• Power Rating:	12V	12V

#### DISCLAIMER

*The information provided in this document is subject to change without notice due to manufacturer changes and/or improvements to the product/s. This instruction manual is based on documented data and research. The manufacturer of this product cannot be held responsible for any changes made to the vehicle by the manufacturer or damages that may occur through the installation of this product in accordance with the steps outlined herein.*

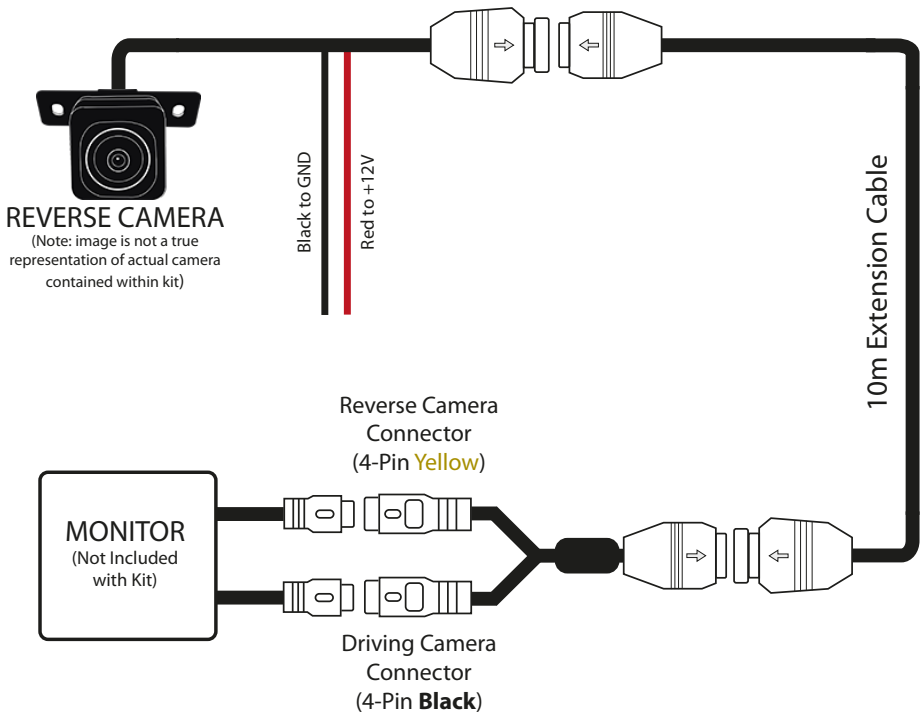
**CAM-FD13**

The CAM-FD13 is a dual lens reverse/driving camera solution for vehicles with solid rear doors/bulkheads. With the addition of this dual camera, the driver can view the rear of the vehicle via a live stream, and can additionally reverse in comfort with the aid of a reverse camera feed.

This product includes the following:

- 1x Dual Lens Reverse/Driving Camera
- 1x 10m 7-pin Extension Cable
- 1x 4-pin to 7-pin Cable Splitter

**WIRING DIAGRAM**



**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/tickets/technical/](http://support.connects2.com/tickets/technical/)

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.**

## INSTALLATION

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1. Begin to remove the pre-existing rear brake light. Once removed, disconnect all the wiring/light elements from the plastic housing.
2. With the appropriate monitor and placing in mind, begin to thread the 10-metre Extension Cable from the opening of the brake light, through the vehicle, all the way to the dashboard.
3. Connect the Dual Lens Camera 7-pin connector to the corresponding 7-pin connector on the Extension Cable. Connect the **Black** (Ground) & **Red** (Switched +12V) flying wires to their relevant source.
4. Attach the Cable Splitter to the opposite end of the Extension Cable.
5. Attach the **Yellow** 4-pin connector from the Cable Splitter to a Reverse Camera Input source. Then connect the **Black** 4-pin connector to a relevant Video Input source.
6. To test the camera connection, turn 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

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

