...connecting to the aftermarket

CAM-FT2-AD

Interface for Activation of Factory Rear-View Camera Input and Video in Motion

Application:

Fiat 500/L/X/e 2013 - 2016
Fiat 500 Cabrio 2013 - 2016
Fiat 500 Abarth 2013 - 2016

For Vehicles with Uconnect 5.0" or 8.4" Systems and Grey 52 Way OEM Connector. For NTSC Cameras Only.

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CAM-FT2-AD

Reverse Camera Add On Interface for Uconnect 5" or 8,4" system with 52 pin connector. Provides video input to connect a rear-view camera. Includes video in motion functionality. Add on camera interface designed to allow the addition of an aftermarket reverse camera to the OEM screen. Designed for vehicles with the grey 52 way connector, for NTSC cameras only.

Prior to Installation

Read the manual prior to installation. Technical knowledge is necessary for installation. The place of installation must be free of moisture and away from heat sources. 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.

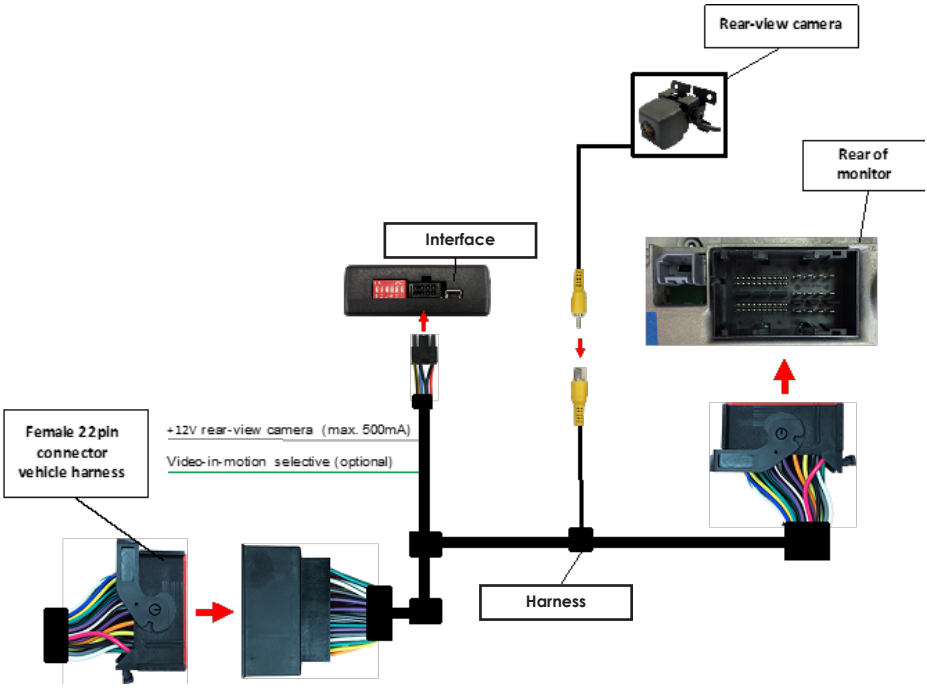
Technical Support

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

Subscribe to our YouTube Channel for installation guides and tips... **www.youtube.com/connects2**

Connection Diagram



Interface Dipswitches

Vehicle/ navigation	Dip 1	Dip 2	Dip 3	Dip 4	Dip 5	Dip 6
Video-in-motion permanent	ON	ON	OFF	OFF	OFF	OFF
Video-in-motion selective*	OFF	ON	OFF	OFF	OFF	OFF

* With Dip1 set to "OFF", the included green cable is used to activate the video-in-motion function.

Dipswitch Functions:
Dip 1 – Activates video in motion
Dip 2 – Rear-view camera coding
Dip 3 – No function
Dip 4 – No function
Dip 5 – CAN-bus termination resistor on the vehicle side

Interface Pin Configuration

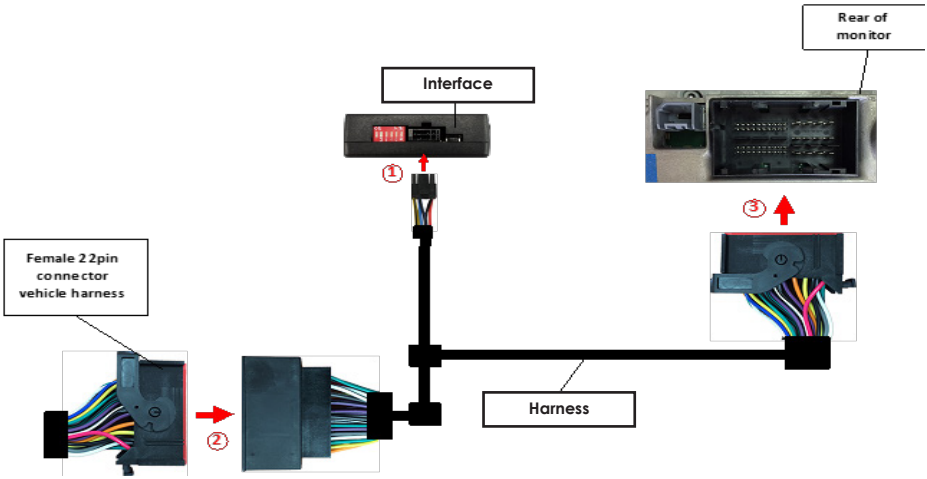
Cable Colour	Pin-No.	Assignment
Yellow	Pin 4	CAN-HIGH – connection to the head-unit
Blue	Pin 3	CAN-LOW – connection to the head-unit
Yellow/Black	Pin 8	CAN-HIGH – connection to the vehicle
Blue/Black	Pin 7	CAN-LOW – connection to the vehicle
Red	Pin 1	+12V Permanent
Black	Pin 5	Ground
Green	Pin 6	Activation of video-in-motion function (+12V = TV-free activated, only if Dip1=OFF)
White	Pin 2	Trigger output (+12V DC 500mA) (only if Dip2=ON and reverse gear engaged!)

Installation

NB: Before installation, switch off ignition, disconnect the vehicle battery and remove the vehicle's head unit.

The interface is installed behind the vehicle's head unit. The RCA connectors provide the factory aux signal and must remain connected.

Connecting Interface, Harness and Factory Navigation Unit

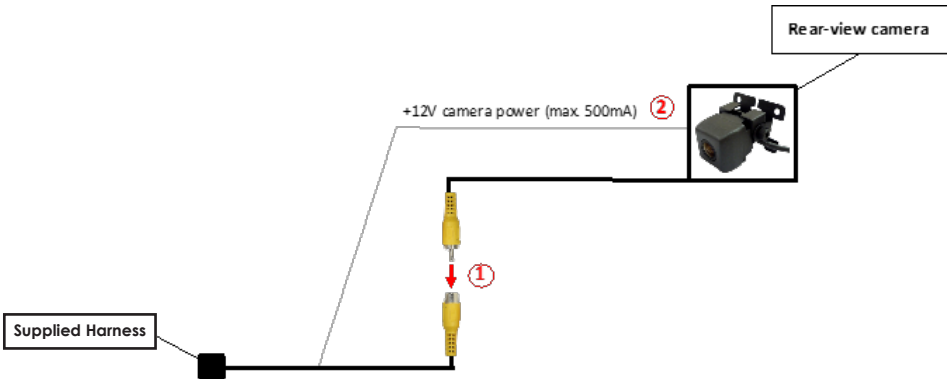


1. Connect the female 8pin Molex connector of the harness to the male 8pin Molex connector of the interface.

2. Transfer the female 52pin connector of the vehicle harness from the rear of the head-unit into the male 52pin connector of the harness.

3. Plug the female 52pin connector of the harness into the male 52pin connector on the rear of the head-unit.

Connection to the Rear-View Camera



Connect the video RCA of the rear-view camera to the female RCA connector of the supplied harness.

Connect the white cable of the supplied harness to the camera power supply (+12V max 500mA). The white cable receives power when reverse gear is engaged.

Rear-View Camera Coding

1. Set DIP switch “2” to “OFF” position
2. Turn on ignition
3. Wait until the head-unit has booted up
4. Set DIP switch “2” to “ON” position
5. Reset the system to complete the coding operation

Activating the Rear View Camera

The rear-view camera will turn on automatically whenever the reverse gear is engaged.

Activating Video in Motion Functionality

The video-in-motion can be activated by Dipswitch 1 or alternatively through the use of the green cable (supplied)

Video-in-motion permanent
With Dip1 set to "ON", the video-in-motion function is activated

Video-in-motion selective
With Dip1 set to "OFF", the included green cable is used to activate the video-in-motion function.

Connect a switch to the green cable and connect the green cable to +12V ACC.
+12V = TV-Free is activated
0V = TV-Free is not activated

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