

16661



CAM-PSA



Overview

This interface will allow you to fit front & rear cameras onto the factory OEM screen. This is compatible with Citroen / Peugeot / Toyota & Opel vehicles fitted with the 2017MY onwards with 7" / 9" / 10" / 11" Screen

Kit Contents



Interface



Infrared Receiver

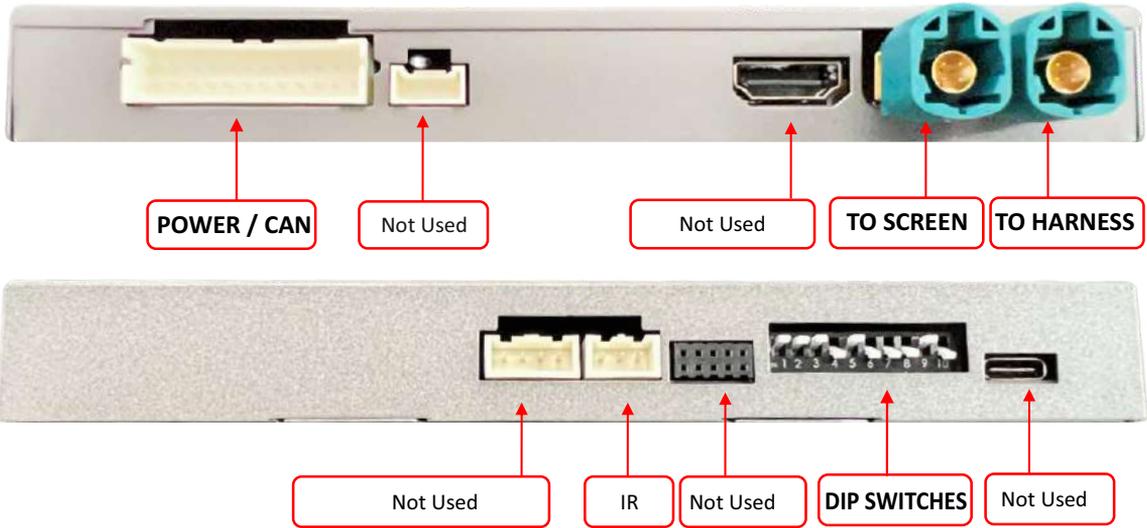


OSD Menu Remote



Power/CAN Harness

Interface

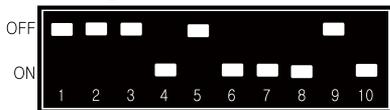


Dip Switch Settings

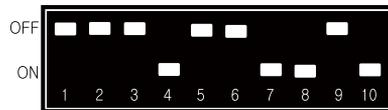
Dip SW:	1	2	3	4	5	6	7	8	9	10
UP	MENU OFF	VEH	VEH	OEM CAM	VEH	VEH	SCREEN BRIGHTNESS	VEH	VEH	
DOWN	MENU ON	SETTING	SETTING	AFTERMARKET CAM	SETTING	SETTING	SETTING	SETTING	SETTING	KEEP DOWN

9" / 10" / 11" SCREEN

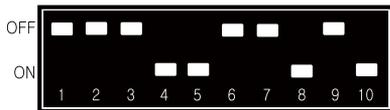
**2008 / 208 / DS3 / C3 Aircross (AUTO)
MOKKA 2025 / Toyota Proace Electric City 2025**



2008 / 208 (MANUAL)

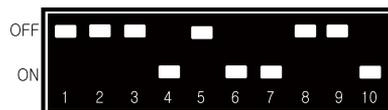


**2008 - MY2024 11" (AUTO)
Citroen Dispatch MY2024***



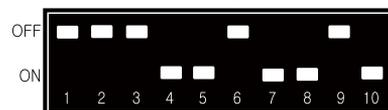
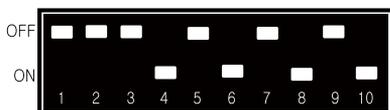
*Need to use green wire for
DISPATCH & MANUAL 2008*

4008 (AUTO)



**Citroen Berlingo / Peugeot Partner /
Opel Combo /
Toyota Proace City (ALL MY2024)**

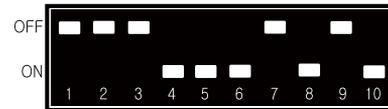
308 (AUTO) / DS3 (2023) *



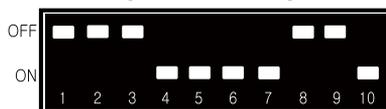
**MY2024 - 208 (AUTO) 10.25"
MY2024 - C3 Aircross (AUTO) 10.25"**



**MY2024 - 208 Electric (AUTO)
10.25" screen**



**C3 Aircross MY2023> 9.2"
(MANUAL)**



***Note: Remove power to the unit prior to making adjustments to the dip switches.**

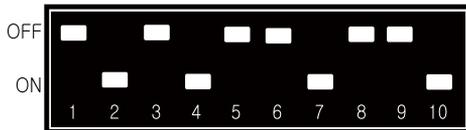
7" screen setting on the next page

Dip Switch Settings

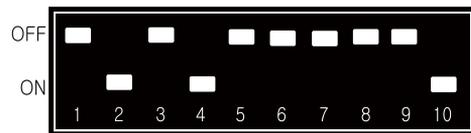
Dip SW:	1	2	3	4	5	6	7	8	9	10
UP	MENU OFF	10" SCREEN	VEH	OEM CAM	VEH	VEH	SCREEN BRIGHTNESS SETTING	VEH	VEH	
DOWN	MENU ON	7" SCREEN	SETTING	AFTERMARKET CAM	SETTING	SETTING	SETTING	SETTING	SETTING	KEEP DOWN

7" SCREEN

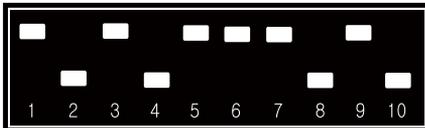
**Citroen Berlingo /
Peugeot Partner /
Opel Combo**



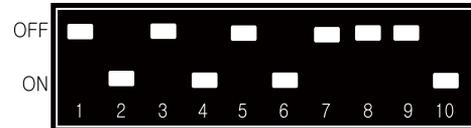
**Citroen E-Berlingo
Peugeot 3008
Citroen C3 / C4 / MOKKA /
208 (AUTO)**



308 (AUTO)

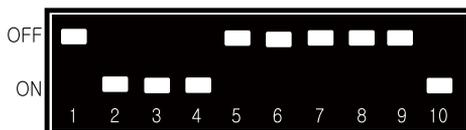


3008 (AUTO) VER 2



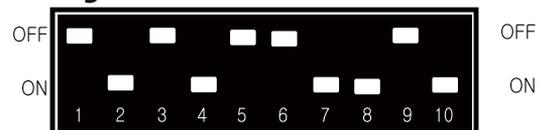
AUTO

**Opel Vivaro / Corsa
Citroen Jumpy / 2008
Peugeot Expert /
Toyota Proace / DS3**



MANUAL

**Opel Vivaro / Corsa
Citroen Jumpy / 2008
Peugeot Expert /
Toyota Proace / DS3**



***Note: Remove power to the unit prior to making adjustments to the dip switches.**

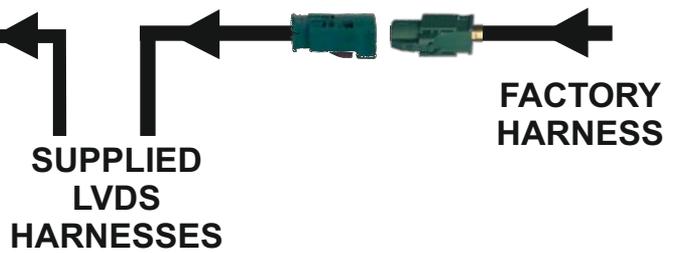
FOR CERTAIN CARS YOU WILL HAVE TO TRIGGER THE REVERSE VIA THE GREEN WIRE TO THE REAR REVERSE LAMP (IN CERTAIN CASE THIS MAY ALSO REQUIRE A RELAY)

LVDS (VIDEO CABLE) CONNECTIONS

PLEASE ENSURE YOU CONNECT THE LVDS CABLE AT THE SCREEN NOT THE RADIO



REAR OF FACTORY SCREEN



IR REMOTE



WIRE FUNCTIONS

- RED (12v+ INPUT)
- BLACK (GND INPUT)
- BLUE (CAN HIGH)
- WHITE (CAN LOW)
- PURPLE (12v+ OUTPUT)
- GREEN (12v+ REVERSE LAMP) *
- CONNECT IF IT WILL NOT SWITCH VIA CAN*
- RCA (REAR CAMERA IN)
- RCA (FRONT CAMERA IN)

* NOTE: If a relay is required for the green wire, please see diagram on the rear page.

The installation takes place at the rear of the factory SCREEN and RADIO. Certain trims and fixings will have to be removed in order to gain access to the Screen and Radio.

There are certain exception, that will be listed in the coming pages



PLEASE ENSURE YOU CONNECT THE LVDS CABLE AT THE SCREEN NOT THE RADIO

There are 2 exceptions:

Opel GRANDLAND and Peugeot 3008; The LVDS is connected at the media unit. This is located in the centre tunnel of the car (please see photos below):

PLEASE ENSURE PLEASE ENSURE YOU CONNECT THE LYOU CONNECT THE LVDSVDS CABLE CABLE AAT THE RADIO NOT THE SCREENT THE RADIO NOT THE SCREEN

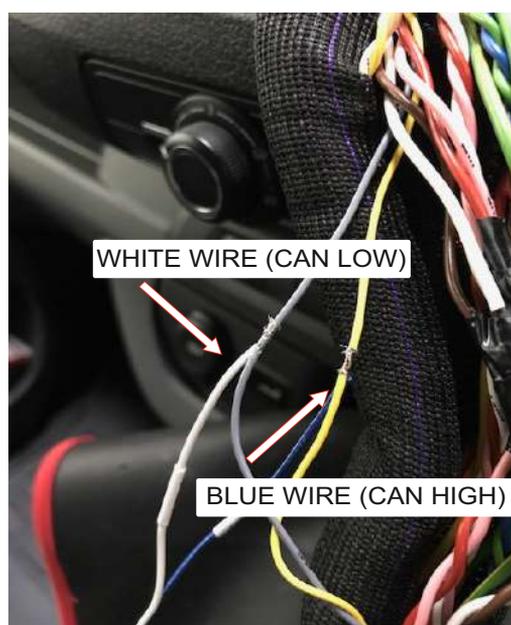
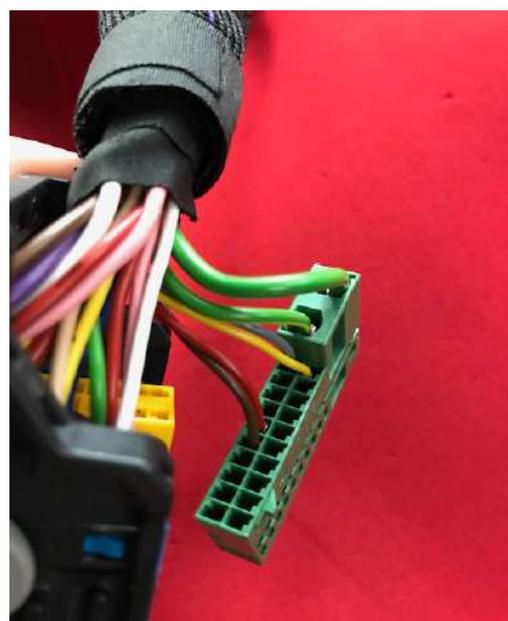


THE LVDS CONNECTOR ON THE GRANDLAND AND THE 3008 IS THE BLACK PLUG

TYPE 1 Once you have gained access to the rear of the Screen and Radio, unplug the main power / CAN harness at the radio and locate the CAN and Power wires listed below.

Connect the Power and CAN wire on from the supplied harness for the interface to the Factory harness (connection details below)

POWER / CAN CONNECTIONS (at the rear of the radio)



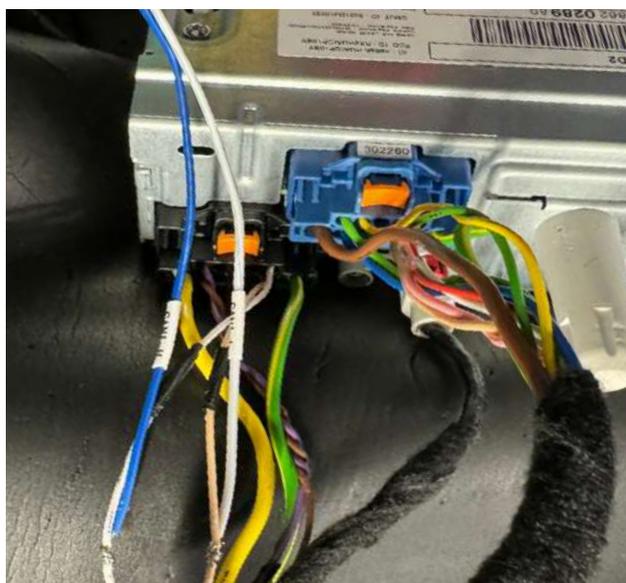
<u>INTERFACE</u>	<u>VEHICLE</u>
WHITE WIRE	- GREY (CAN LOW) - PIN 21 in the GREEN PLUG
BLUE WIRE	- YELLOW (CAN HIGH) - PIN 10 in the GREEN PLUG

***THE VEHICLE COLOURS CAN VARY, HOWEVER
PIN LOCATIONS WILL ALWAYS BE CORRECT***

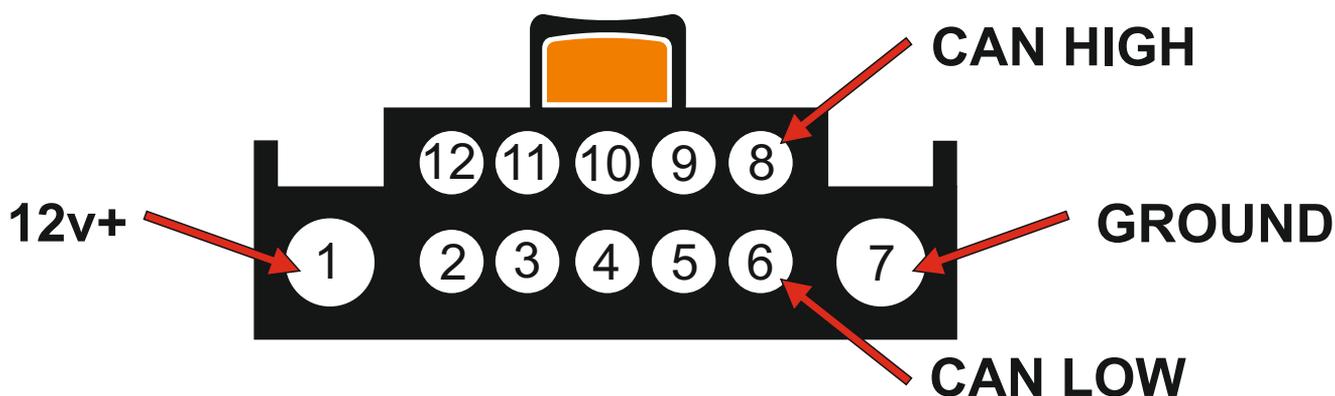
TYPE 2 Once you have gained access to the rear of the Screen and Radio, unplug the main power / CAN harness at the radio and locate the CAN and Power wires listed below.

Connect the Power and CAN wire on from the supplied harness for the interface to the Factory harness (connection details below)

POWER / CAN CONNECTIONS (at the rear of the radio)



REAR OF PLUG (BLACK)



INTERFACE

**VEHICLES - PEUGEOT 2008 / CITROEN DS3 /
CITROEN DISPATCH MY2024**

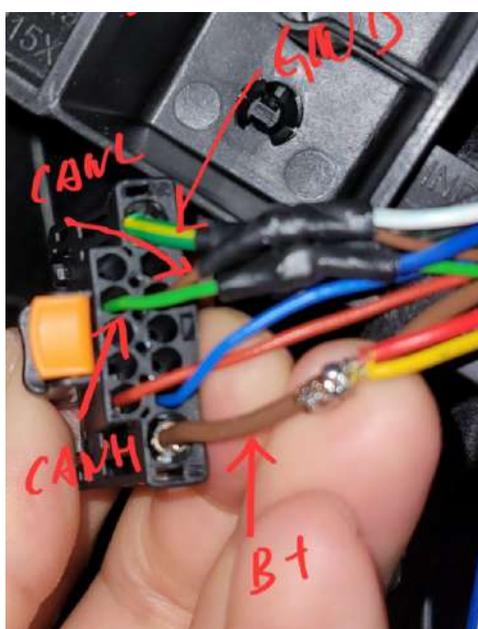
WHITE WIRE - BIEGE (CAN LOW) - PIN 6 in the BLACK PLUG
BLUE WIRE - WHITE (CAN HIGH) - PIN 8 in the BLACK PLUG

***THE VEHICLE COLOURS CAN VARY, HOWEVER
PIN LOCATIONS WILL ALWAYS BE CORRECT***

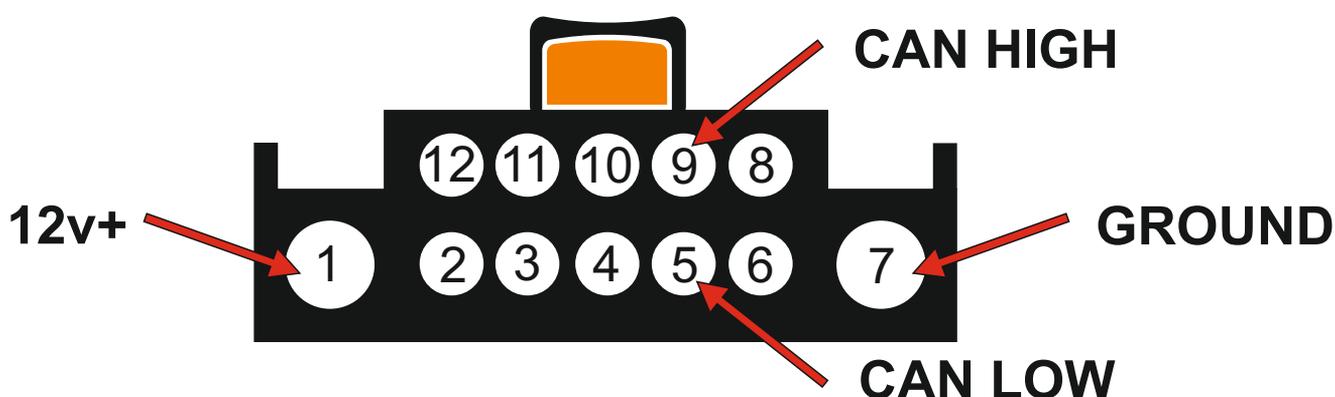
TYPE 3 Once you have gained access to the rear of the Screen and Radio, unplug the main power / CAN harness at the radio and locate the CAN and Power wires listed below.

Connect the Power and CAN wire on from the supplied harness for the interface to the Factory harness (connection details below)

POWER / CAN CONNECTIONS (at the rear of the radio)



REAR OF PLUG (BLACK)

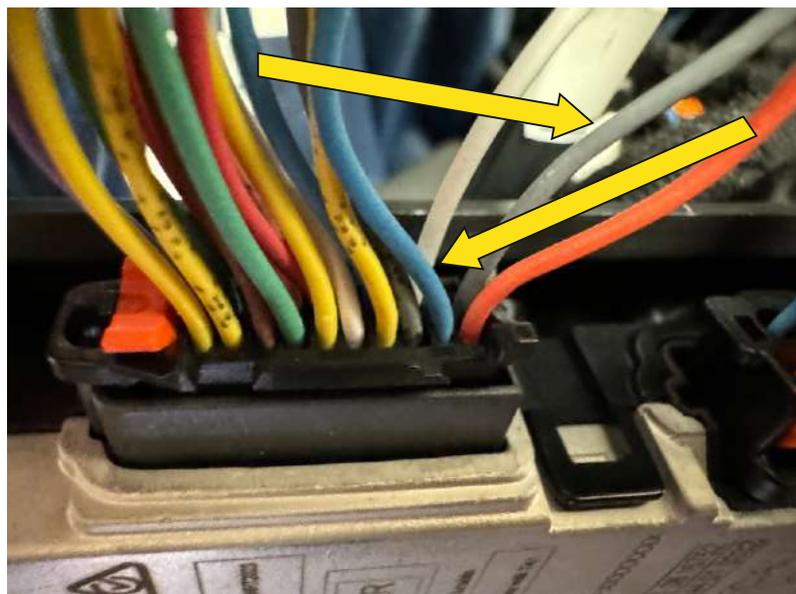


<u>INTERFACE</u>	<u>VEHICLE - PEUGEOT 308</u>
WHITE WIRE	- BROWN (CAN LOW) - PIN 5 in the BLACK PLUG
BLUE WIRE	- GREEN (CAN HIGH) - PIN 9 in the BLACK PLUG

***THE VEHICLE COLOURS CAN VARY, HOWEVER
PIN LOCATIONS WILL ALWAYS BE CORRECT***

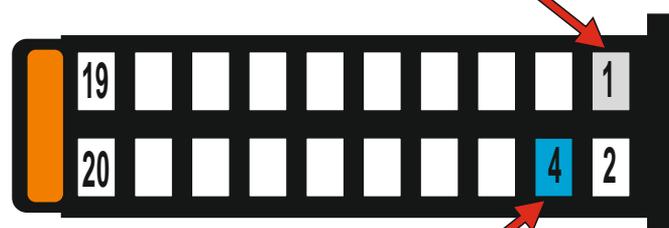
TYPE 4 - Once you have gained access to the rear of the Plug, Connect the Power and CAN wire on from the supplied harness for the interface to the Factory harness.

CAN CONNECTIONS (at loom behind the govebox, see next page)



REAR OF PLUG (BLACK)

CAN HIGH



CAN LOW

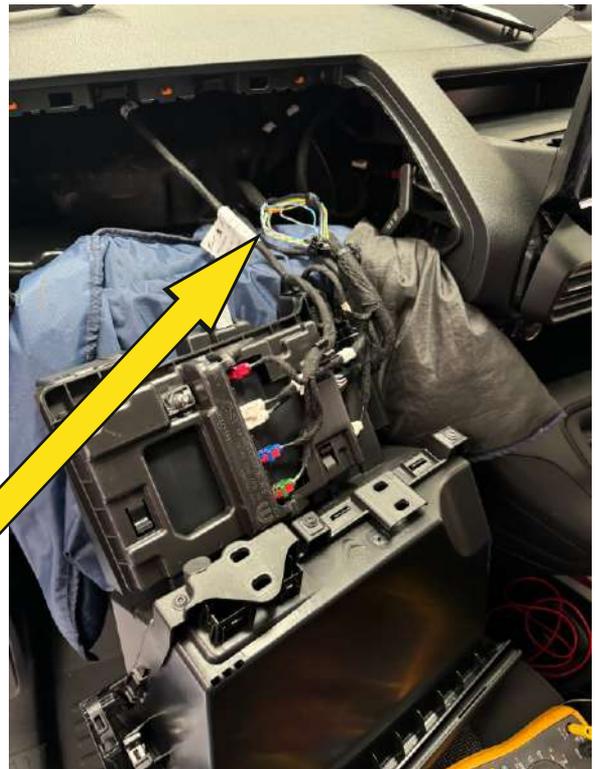
<u>INTERFACE</u>	<u>VEHICLE -</u>	Citroen Berlingo / Peugeot Partner / Opel Combo
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WHITE WIRE	- BLUE	(CAN LOW) - PIN 4 in the BLACK PLUG
BLUE WIRE	- GREY	(CAN HIGH) - PIN 1 in the BLACK PLUG

THE VEHICLE COLOURS CAN VARY, HOWEVER PIN LOCATIONS WILL ALWAYS BE CORRECT

Citroen Berlingo / Peugeot Partner / Opel Combo / Toyota Proace City - ALL MY2024 (CAN TYPE 4)

**PICK UP THE CAN AT
THE MODULE MOUNTED
TO THE GLOVEBOX**



INTERFACE

WHITE WIRE
BLUE WIRE

VEHICLE

- BLUE (CAN LOW)
- GREY (CAN HIGH)

**Manual - switches via CAN, PDC and FPG
Auto - Use green wire to switch reverse, PDC and FPG**

CITROEN DISPATCH MY2024 (CAN TYPE 2)



**PICK UP THE CAN AT THE RADIO MODULE
BEHIND THE SCREEN**



POWER / CAN CONNECTIONS (at the rear of the radio)



***THE VEHICLE COLOURS CAN VARY,
HOWEVER PIN LOCATIONS WILL
ALWAYS BE CORRECT***

INTERFACE

VEHICLE

WHITE WIRE - WHITE (CAN LOW) - PIN 6 in the BLACK PLUG
BLUE WIRE - BLUE (CAN HIGH) - PIN 8 in the BLACK PLUG

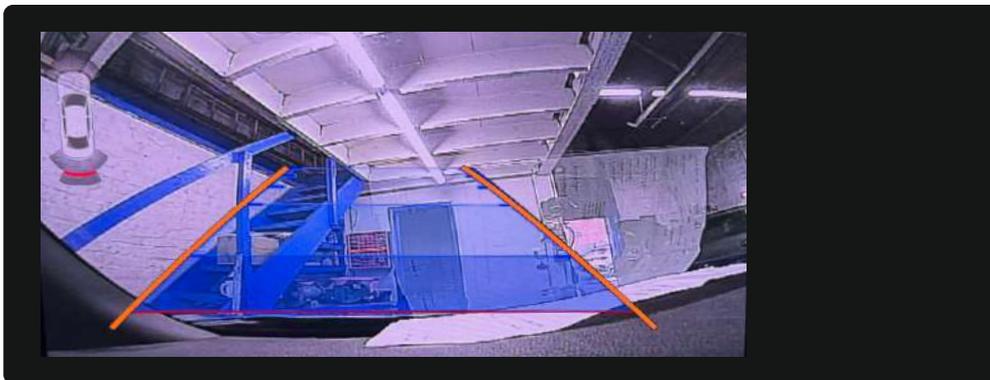
Use green wire to switch reverse, PDC and FPG

THE 10" & 11" SCREENS HAVE 2 DISPLAY MODES (SEE BELOW)

PRESS AND HOLD THE
“**SRC**” or “**OK**” BUTTON ON THE
STEERING WHEEL FOR **3 SECS**
TO SWITCH THE SCREEN VIEW
WHEN IN REVERSE. IF THE
STEERING WHEEL BUTTON
DOES NOT WORK, PLEASE
USE THE SUPPLIED BUTTON
TO SWITCH MODES



PDC & MOVING GUIDELINES DISPLAYS ON 85% SCREEN



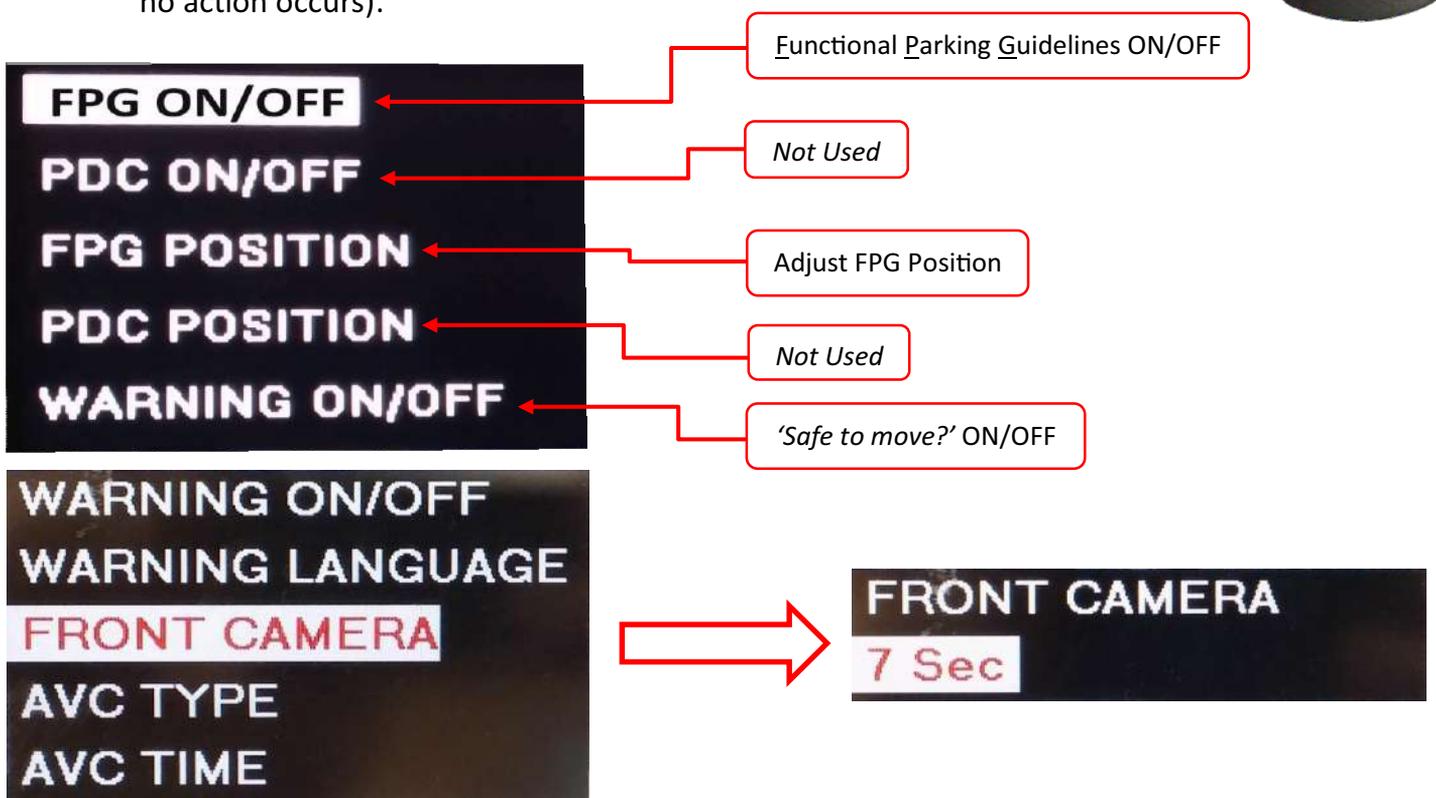
PDC (NO GUIDELINES) DISPLAYS ON FULL SCREEN



MENU

Before you start:

- The IR-Eye must be connected
- Make sure the car's ignition is on and radio is on
- You must be in **Reverse Camera** mode (place vehicle in reverse)
- Press the **OK BUTTON** 4 times (numbers will display per press), then press **POWER**.
- The **OSD Menu** will appear on screen (auto-time out in about 5 seconds if no action occurs).



To activate **Front Camera timer**, scroll down using the remote arrow keys when in the menu to **FRONT CAMERA**. Once in this setting, press OK and choose (up/down) between 5, 7, 9 or 11 seconds for **auto-front switching timeout** (once the vehicle leaves reverse gear, the front camera input will stay active for pre-defined amount of time).

NOTE: ENSURE "DIP SWITCH 1" IS IN THE DOWN POSITION

NOTE: Once you have finished adjusting your settings, you must press the "POWER" button to save your settings.

Q. I have completed the install and when I select reverse the screen switches, however I have no image or guidelines on the screen.

A. Ensure the IN and OUT is correct on the LVDS cables, switch them at the interface the interface unit.

Q. I have installed the interface and select reverse and nothing happens.

A. 1. Ensure there is a RED LED when you look down the side of the interface, If no LED, please check your connections of the 12V+ ACC/IGN wire and check the fuses.

2. Certain models will NOT switch via CAN, so you will have to trigger using the GREEN wire to the reverse lamp trigger, we advise using a relay to ensure a clean signal from the reverse lamps. Please see below "how to wire a relay"

EXTRA NOTE - HOW TO WIRE A RELAY

