

# Mercedes-Benz

## NTG 4.5

### Camera Video interface

Compatible with cars with **NTG 4.5** like:

A-klasse (W176) 07/2012 - 2015

B-klasse (W246) 11/2011 - 2014

C-klasse (W204) from 03/2011

C-klasse Coupe (C204) from 06/2011

CLA-Coupe (C117) 01/2013 - 09/2014

CLS-Coupe (C218) from 06/2011

E-klasse (S/W212) 06/2011 - 10/2014

E-klasse Coupe (C207) from 06/2011

G-klasse (G463) from 07/2012

GL-klasse (X166) from 11/2012

GLA-klasse (X156) from 09/2013

GLK-klasse (X204) from 07/2012

ML-klasse (W166) from 11/2011

SLK-klasse (R172) from 03/2011

SL-klasse (R231) from 2012



Active needed video inputs like following:

- **CAM: DIP switch 5 down**
- AV1: DIP switch 2 down
- AV2: DIP switch 3 down
- \* DIP switch 1 and 4 must set up (not used).



**Display size:**

- 7 inch -> DIP7 = UP + DIP8 = UP
- 5.8 inch -> DIP7 = UP + DIP8 = DOWN
- 5 inch -> DIP7 = DOWN + DIP8 = UP

The interface 4p image Y-cable should be installed behind **LCD** in between.  
And the plug&play quadlock cable behind head unit.

After installing the image Y-cable in between the OEM screen should be there directly.

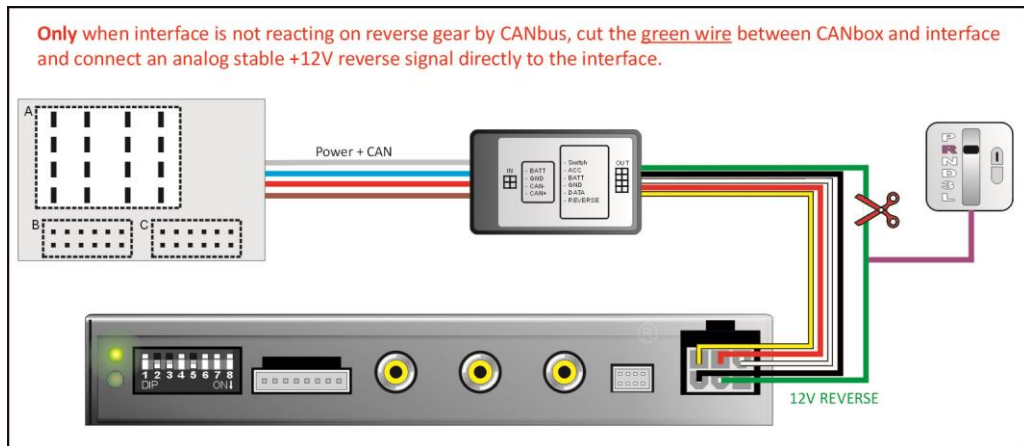
Switching from OEM screen to external sources:

- AV1/2: User may use the **PULL BACK** key or **C** key to switch from OEM screen to AV1/2
- CAM: when put gear in Reverse the interface switches automatically to camera input, usually detected by CANbus system of the car.

Camera / Video inputs:



Unfortunately sometimes reverse it's not reacting by CANbus because the car can have different CAN protocol/codes. Also the guide lines can not be guaranteed. In this case the reverse trigger wire of the interface should be connected with the analog reverse light signal like shown below:



### Interface menu settings:

Installer may use the 3 keys MENU, DOWN, UP on the ( bottom or side) interface box to change external (camera) image settings if needed.



The UI-CONTROL option: set the PDC picture display on/off . It's another function is to toggle the Chinese Caption ON/OFF on screen.

- 1.PDCON: only the PDC picture displayed.
- 2.RETON: Only the Chinese caption displayed.
- 3.ALLON: both the PDC and Chinese caption displayed.
- 4.ALLOFF: Both the PDC and Chinese caption off.

The Guide-CNTRL : guide lines ON/OFF on external camera image (only works when CANbus is compatible)



The Guide-L option: set the left guide line's offset on screen, when the value changes, the guide Line location moves on screen.