# Peugeot / Citroën / Opel / Toyota NAC

# Camera - Video interface

Compatible with new car systems like:

- 7" PSA Connect 3D
- 7" Toyota ProAce Pro Touch
- 7" Peugeot Expert Connect Nav
- 7" Citroën Jumpy Connect Nav
- 7" DS Connect Nav
- 8" Opel NAVI 5.0 IntelliLink

# Interface parts:



Interface box

Push button

Image cable

Power / Video cable

Active needed video inputs like following:

- **CAMERA**: **DIP switch 5 down**
- VIDEO1: DIP switch 2 down
- VIDEO2: DIP switch 3 down

* DIP switch 1, 4, 6 and 7 must set UP (unused).
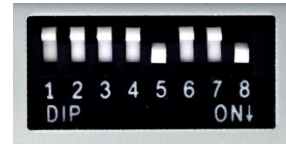
Image setting:

**DIP8:** usually **DOWN (ON)**

If external image is not OK, change DIP8.

Interface installation place: **behind the radio / navi head unit**

**Installation example Toyota ProAce:**

**Remove cover (only use plastic tool)**



**Remove monitor part (4x torx)**

**Take out the headunit (2x torx)**

**Take out the OEM <u>black</u> LVDS cable from the headunit. The position of this cable can be different.**
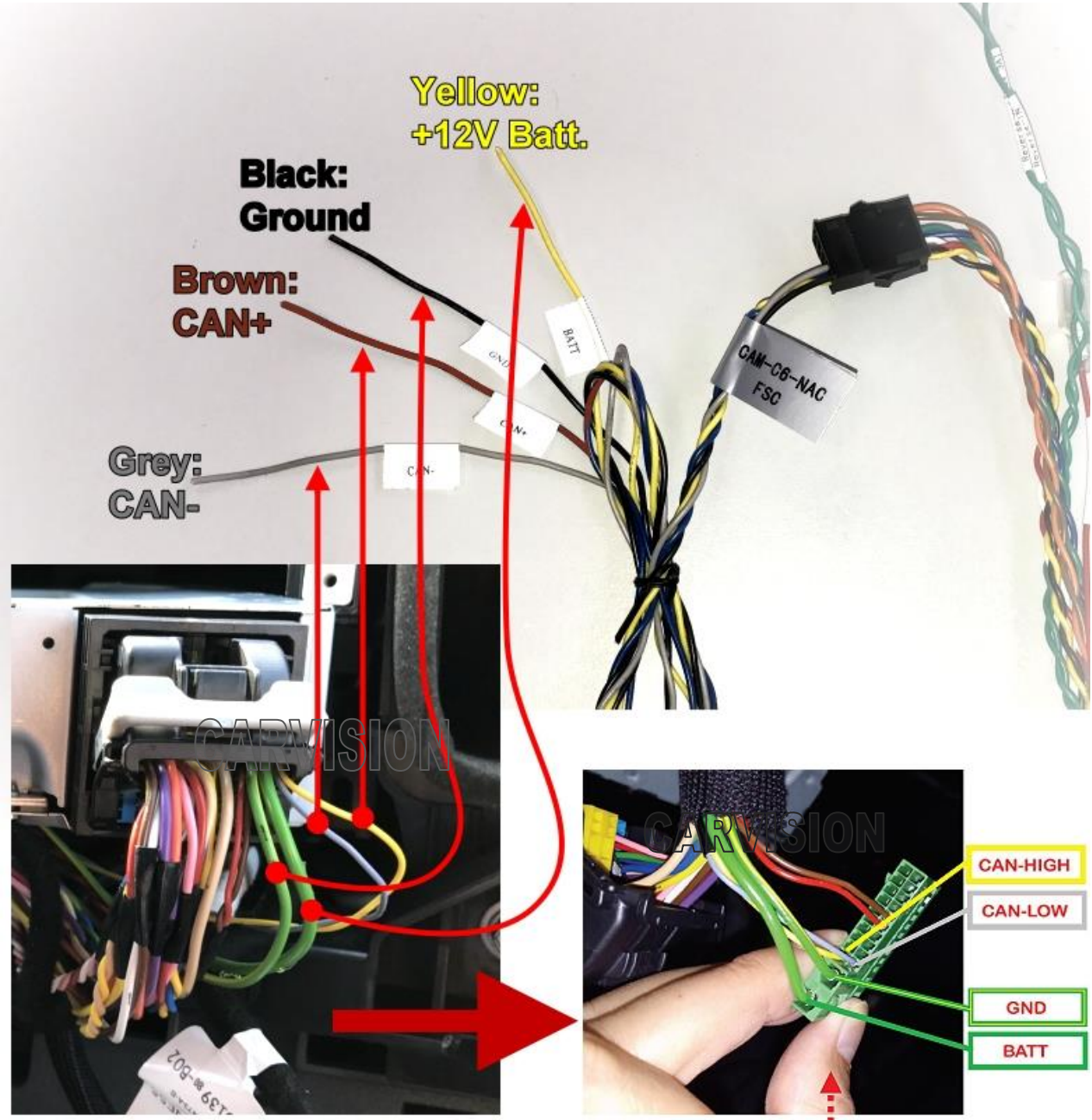
**Insert the blue image connector of the interface Y-cable in the headunit, and insert the OEM LVDS cable in the female connector left side (install in between)**



**Connect the 4+2P connector to the interface box**

**Connect power and CAN as below. Check power signals of the headunit first to avoid short circuits**



**Yellow: +12V Batt.**

**Black: Ground**

**Brown: CAN+**

**Grey: CAN-**

CAN-HIGH
CAN-LOW
GND
BATT

CAM-C6-NAC FSC

**\* Wiring colors can be different. Please keep same positions.**

\* Optional **ACC wire (PURPLE)**: connect to 12V ACC ONLY when CANbus is <u>not</u> connected!

**Connect external video sources**



We recommend to **power the rear camera by using the RED(12V) + BLACK(GND) wires of the interface** instead of backlights to avoid distortion in camera image, especially when the engine is running!

Switching from OEM screen to external sources like Rear CAM, Front CAM, TV, DVD etc.:

- Video 1/2:   User may use the included push button to switch from OEM to VIDEO 1 / 2.

- Rear CAM:   when put gear in Reverse the interface switches automatically to camera input, usually detected by CANbus system of the car*.

*Unfortunately sometimes reverse is not reacting by CANbus because cars can have different CAN protocol/codes. Also the guide lines can not be guaranteed.

**When Reverse is not reacting by CANbus**:
The (**BLUE**) Reverse-IN trigger wire of the interface should be connected to the analog 12V reverse licht signal. Disconnect the interface **GREEN**+**BLUE** wire circuit and connect **BLUE** Reverse-IN with the reverse signal of the car.

**Interface menu settings:**

Installer may use the 3 keys MENU, DOWN, UP on the interface box to change image settings if needed.



UI-CNTRL option: set guide lines and PDC on/off

1. ALLOFF: Both the PDC and Guide Lines off.
2. ALLON: both the PDC and Guide Lines displayed.
3. GUIDE-ONLY: Only the Guide Lines displayed*.
4. PDCON: only the PDC picture displayed*.

* Active Guide Lines and eventual PDC only work when CANbus is compatible. This can not be guaranteed!

The Guide-L:  limited option to move the guide lines.