

## Porsche PCM 4.1/ 5.0 Camera/ Video interface



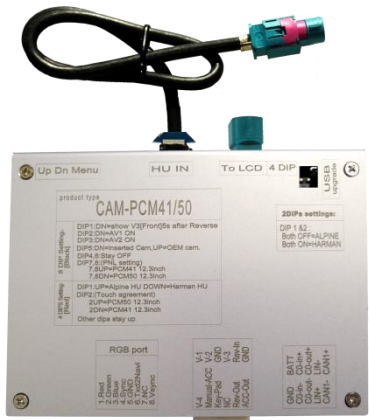
**For cars:** Compatible with all Porsche PCM41/50 which started in 2018 【Macan、Cayenne、Cayman、911 etc.】 , this head unit uses 12.3 touch display.

**Compatible with both Alpine and Harman head unit.** The installer just needs to set the top 2-DIPs and re-insert the power-plug of this box, then it fits Alpine or Harman head units.

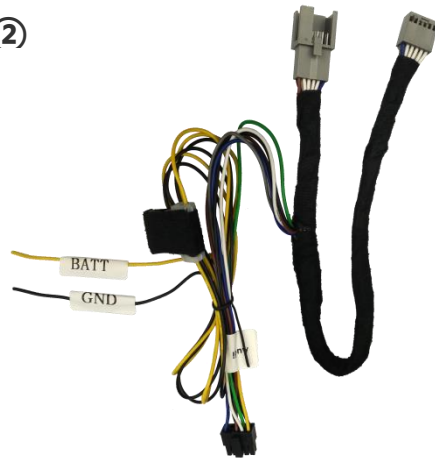
Art. 300 282

# 1. Product accessories

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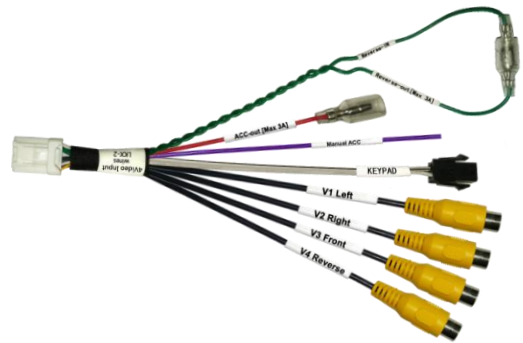
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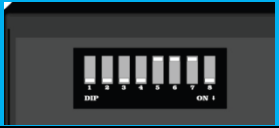
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Interface Accessories					
#	Name	quantity	#	Name	quantity
1	main unit	1	3	external keypad	1
2	power harness	1	4	video input harness	1

## 2、DIP-8 Settings

For : CAM\_PCM4.1 FAN\_PCM4.1:

DIP UP=Off    DIP DOWN =ON			
DIP	ON	OFF	default
1	Front camera will be shown when Back out of reverse gear	Front camera will not be shown when Back out of reverse gear	off
2	AV1 enabled	AV1disabled	off
3	AV2 enabled	AV2disabled	off
4	Not used		off
5	Rear CAM when reverse	OEM display when reverse	ON
6	Not used		off
7	7, 8 Down=12.3 Inch 【PCM50】	7, 8 Up=12.3 Inch 【PCM41】	

## DIP-4 Settings

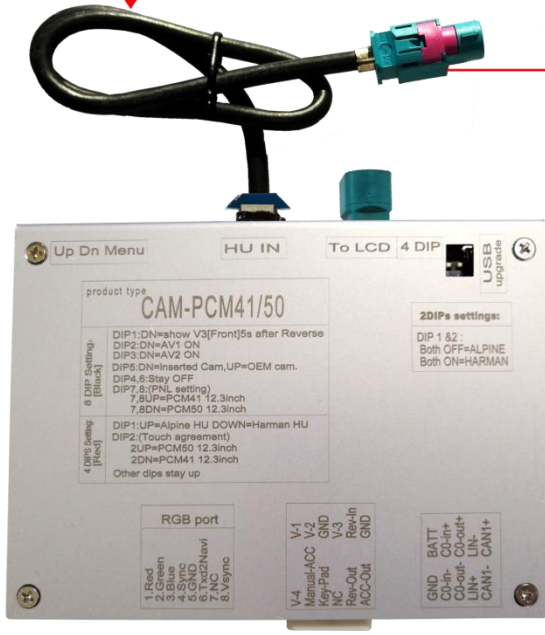
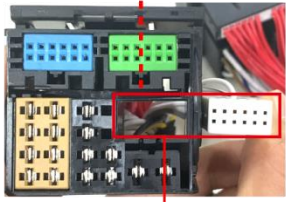
DIP UP=Off    DIP DOWN =ON			
DIP	ON	OFF	default
1	Harman HU	Alpine HU	
2	Not used		off
3	Not used		off
4	Must stay Off, otherwise factory USB update happens.		off

## DIP-2 Settings

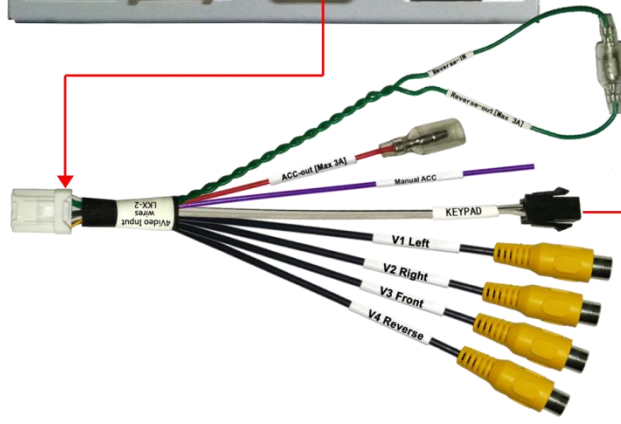
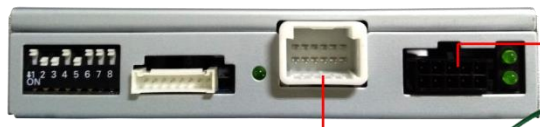
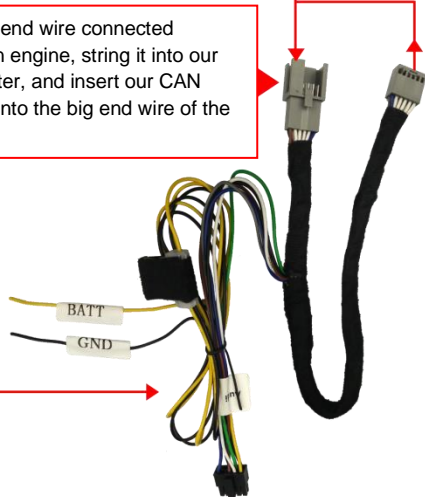
DIP UP=ON    DIP DOWN =OFF			
DIP	ON	OFF	default
1/2	Harman HU	Alpine HU	

### 3、Wiring diagram:

Unplug the LVDS cable connected To the host, string it into the To LCD connector, and string our LVDS cable from the HU IN plug back To the original host.

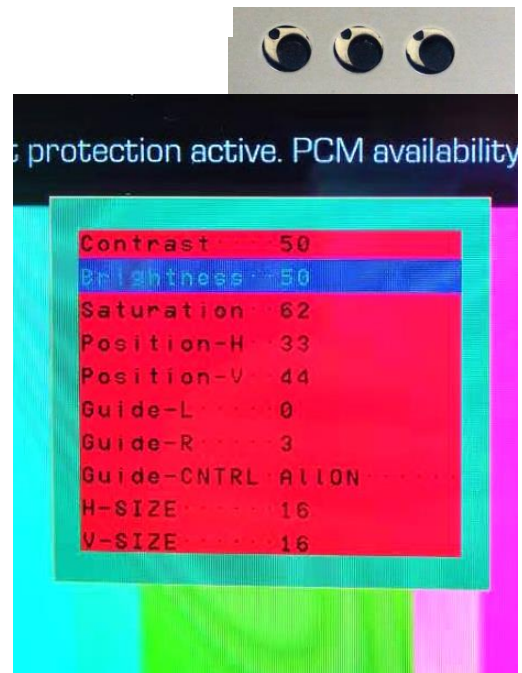


Pull out the big wire connected behind the main engine, string it into our CAN wire adapter, and insert our CAN wire plug back into the big end wire of the original car.



## 6、 Three side buttons (OSD buttons):

The interface has three side buttons, with which the installer can adjust picture display, and set the touch control function. The buttons are "menu" "+" and "-". To bring up the OSD menu press the "menu" button. To toggle between option use "+" and "-".



## 7、 Parameters:

#	Name	Parameters
1	Video input amplitude	0.7Vpp ,75 Ω
2	Sync amplitude	3~5Vpp,5K ,negative pulse
3	Reverse-out:	12V, 3A[max]
4	Reverse-IN:	threshold: 3V
5	Av1 , cam video ampl.	0.7Vpp,75 Ω
6	Av1 , cam format	NTSC/PAL/SECAM automatic
7	Power consumption	3.6W [0.3A @12V]
8	Standby current	< 10uA
9	RGB input format	RGB+HVsync, VGA format, 720P resoltion
10	Temperature	-40 ~ +85C
11	size	15.22cm * 9cm * 2.1cm
13	USB	Max 1A output, OTG