

Installation Manual

Multimedia Interface for Audi A8



Specification

Compatibility:

A8/Q8/A6/Etron DUO 10.1" 2020~
A6 DUO 8.8" 2020~
G8/Skoda/A3/A4 10.1" 2021~
Cayenne/Macan/Taycan 12.3" 2018~
Q3 10.1" 2020~
Touareg 15" 2020~

Interface Input / Output specification :

Input:

LVDS In (Car System) *1
LVDS *1
A/V *2
CVBS(Front Camera) *1
CVBS(Rear Camera) *1
HDMI *2 [Optional]

Output:

LVDS Out (Car System) *1
Audio Out *1
Video Out *2

Power Spec:

Input Power:

8VDC ~ 18VDC

Consumption:

5WATT

Switch input mode:

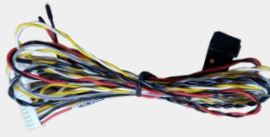
1. External video sources skip function: Able to control input videos on and off via Dip switches
2. Able to switch videos via the remote and button switch
3. Able to detect the rear view camera by CAN or rear lamp cable

*** Support Multi-Touch**

Components



MAIN BOARD
QCPASS1523



POWER CABLE
HPOWER0225



CAN J BY J
HARETC0288



LCD CABLE
HLCDCA0017



AV CABLE
HAVCAB0056



MULTI CABLE
HARETC0240



REAR CABLE
HARETC0002



UART CABLE
HTOUCH0015



IR CABLE
HIRCAB0002



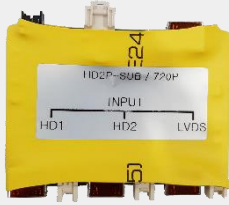
REMOTE CTRL.
REMOTE0001



BUTTON CABLE
HARETC0001

Components with Options

HDMI 720P 2Ports SUB Option



OPTION

HD2P-SUB

QCPASS1547



OPTION

HD2P-SUB CABLE

HARETC0365



OPTION

HDMI CABLE

HARETC0367



OPTION

UART CABLE*2

HTOUCH0015

DIP Switch Settings



*** ON : DOWN / OFF : UP**

Please make sure to disconnect the power cable of the interface and reconnect the power cable again to apply the dip switch changes.

PIN	Dip S/W SELECT
1	OFF : LVDS MODE ON : LVDS MODE SKIP
2	OFF : HD1 Mode ON : HD1 Mode Skip
3	OFF : AV1 MODE ON : AV1 MODE SKIP
4	OFF : AV2 MODE ON : AV2 MODE SKIP
5	OFF : Ext. Front Camera Mode ON : OEM Front Camera Mode
6	OFF : Wake-up for CAN ON : Wake-up for ACC (connect to front wire)
7	OFF : OEM Rear Camera Mode ON : Ext. Rear Camera Mode
8	Please refer to next page for Car Model Settings.
9	
10	

*** HD2 enable is set by OSD menu.** Default setting is NONE (HD2 Mode Skip).

If select other menu on HD2, it will display automatically.

Car Model Settings

DIP8	DIP9	DIP10	OSD CAR MODEL	Car Model
OFF	OFF	OFF	AUDI A8	A8 Duo 10.1"
				A7 Duo 10.1"
				A6 Duo 10.1"
				Q8 Duo 10.1"
				ETRON Duo 10.1"
ON	OFF	OFF	AUDI A6	A6 Duo 8.8"
				Q8 Duo 8.8"
OFF	ON	OFF	SKODA	SKODA OCTAVIA Single 10.1"
			GOLF8	VW CADDY Single 10.1"
				VW ID4 Single 10.1"
				VW CADDY Single 10.1"
				VW GOLF8 Single 10.1"
				SEAT LEON Single 10.1"
			AUDI A3	A3 Single 10.1"
			AUDI A4 TOP	A4 Single 10.1"
				A5 Single 10.1"
OFF	OFF	ON	CAYENNE	CAYENNE Single 12.3"
			MACAN	MACAN Single 12.3"
			TAYCAN	TAYCAN Single 12.3"
ON	ON	OFF	AUDI Q3	Q3 Single 10.1"
ON	OFF	ON	TOUAREG	VW TOUAREG 15"

Remote Control



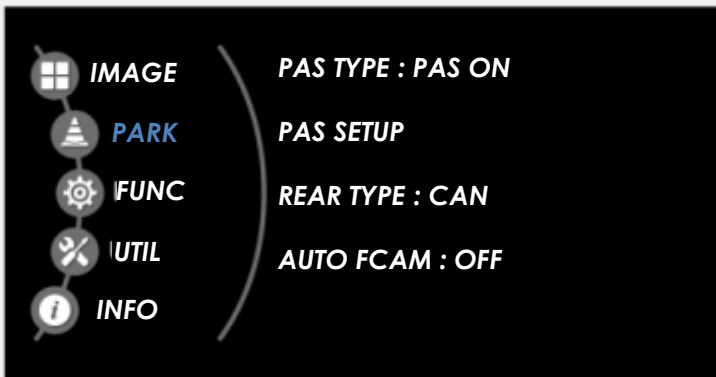
Key	FUNCTION
POWER & PIP	N/C
MENU	Activating OSD menu
OK	Making a selection, changing image display
▲	Moving upward
▼	Moving downward
◀	Moving leftward (If you press this button 2 seconds long, you can access the factory mode)
▶	Moving rightward (If you press this button 2 seconds long, you can reset all the data about user environment)

Factory Settings



IMAGE

Setting for image display



PARK

PAS TYPE:

Select parking line type.

NOT USED: Do not use parking line

PAS ON: No Use

PAS OFF: Use fixed parking line

PAS SETUP:

Move the position of parking line.

REAR TYPE:

Choose rear camera recognition.

CAN: Detecting the rear view camera by CAN signal. (Installer must connect "CAN" cable of the power cable to the "CAN" cable of the car)

LAMP: Detecting the rear view camera via "Grey Rear" wire. (Installer must connect "Rear-C" cable of the power cable to the rear lamp of the car)

AUTO FCAM:

Front Camera Display Setting

Factory Settings



FUNCTION

CAR MODEL: Different dip switch settings show different car models, please refer to page#6.

AUDIO OUT:

Select audio channel transmitted through AUX (Default/AV1/AV2/HD1)

LVDS MODEL:

Car-play, Navigation Model Setting

- QX-1540 : QROIX 1540x720 -> 10.1"
- QX-1920 : QROIX 1920x720 -> 12.3"
- QX-1280 : QROIX 1280x720 -> 8.8"/15"

HD1/HD2 MODEL:

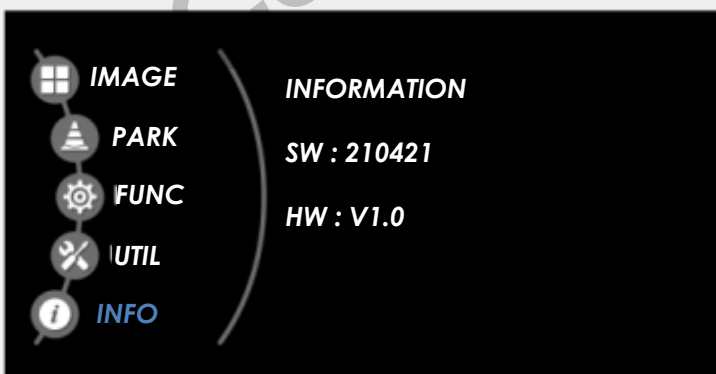
DTV, Navigation Model Setting



UTIL

RESET ALL:

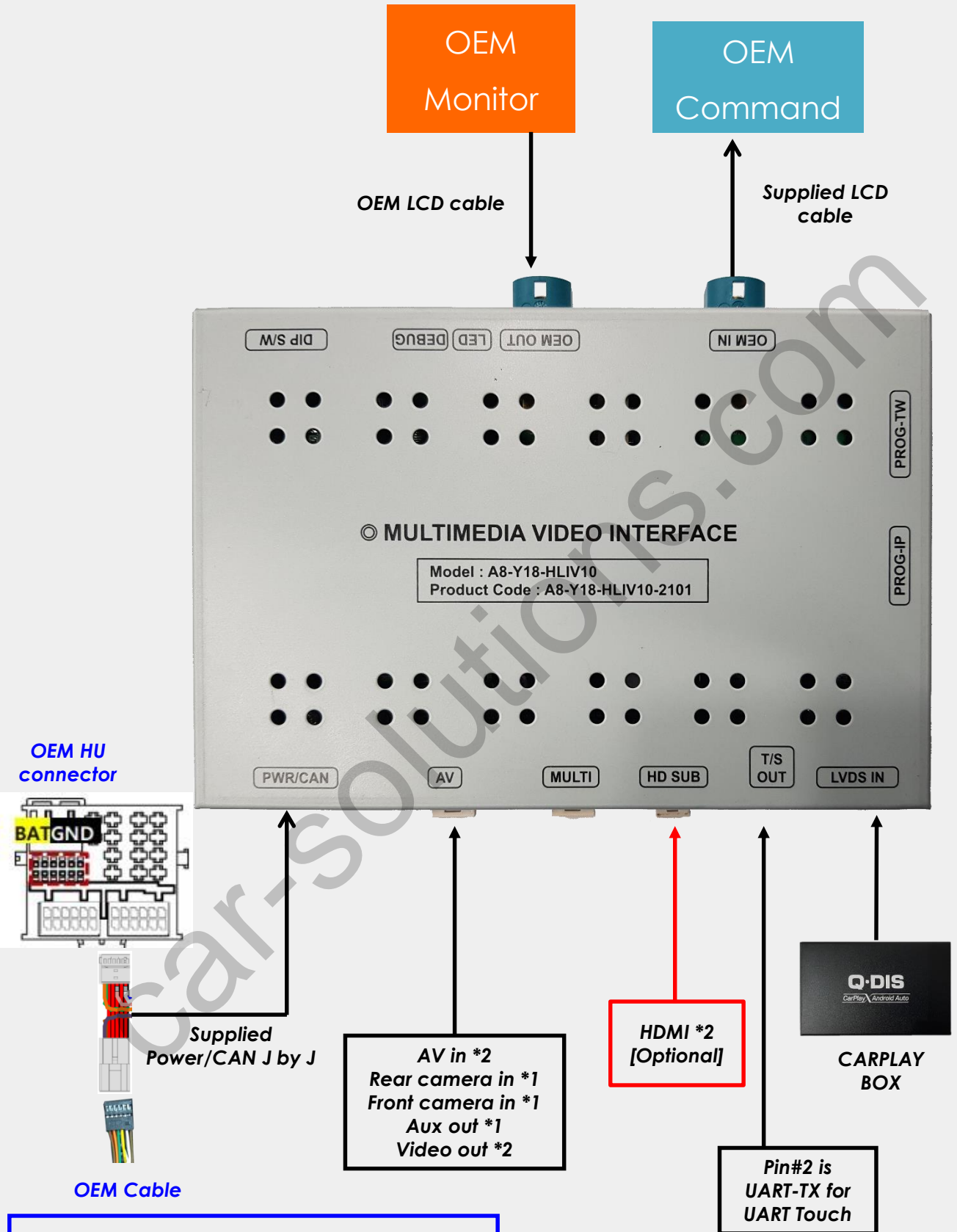
Factory mode reset (YES/NO)



INFO

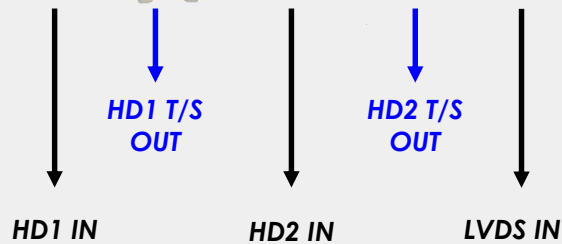
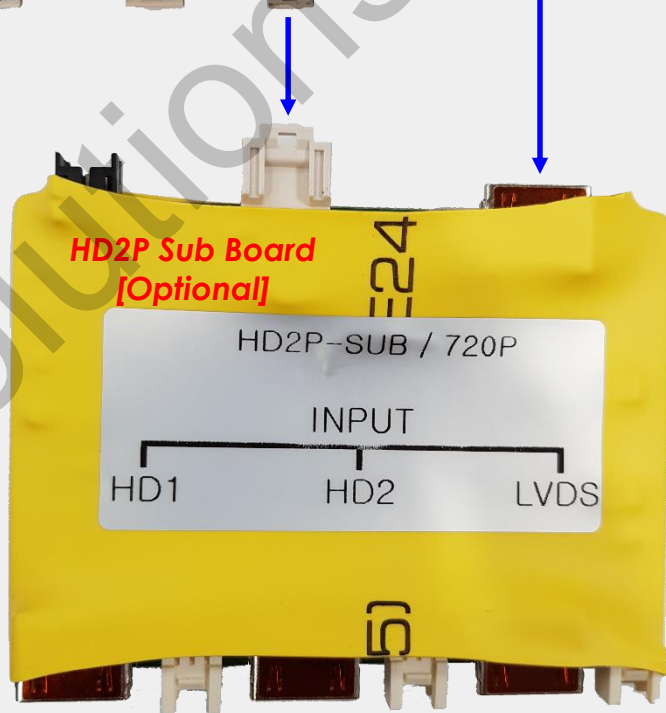
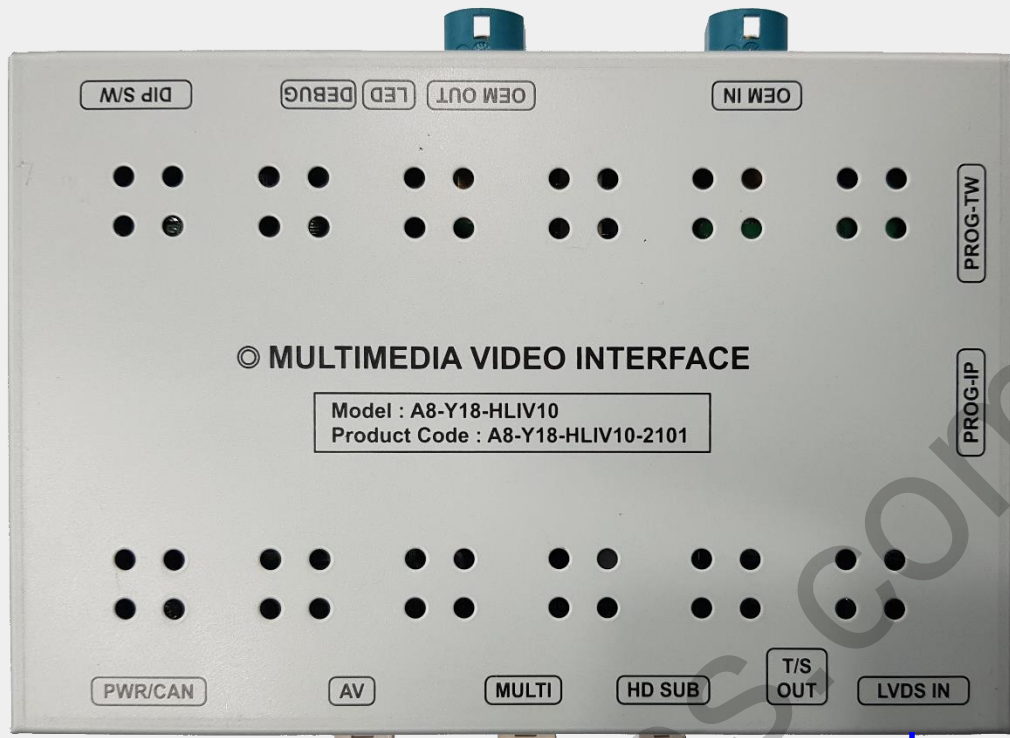
System version information

Installation Diagram



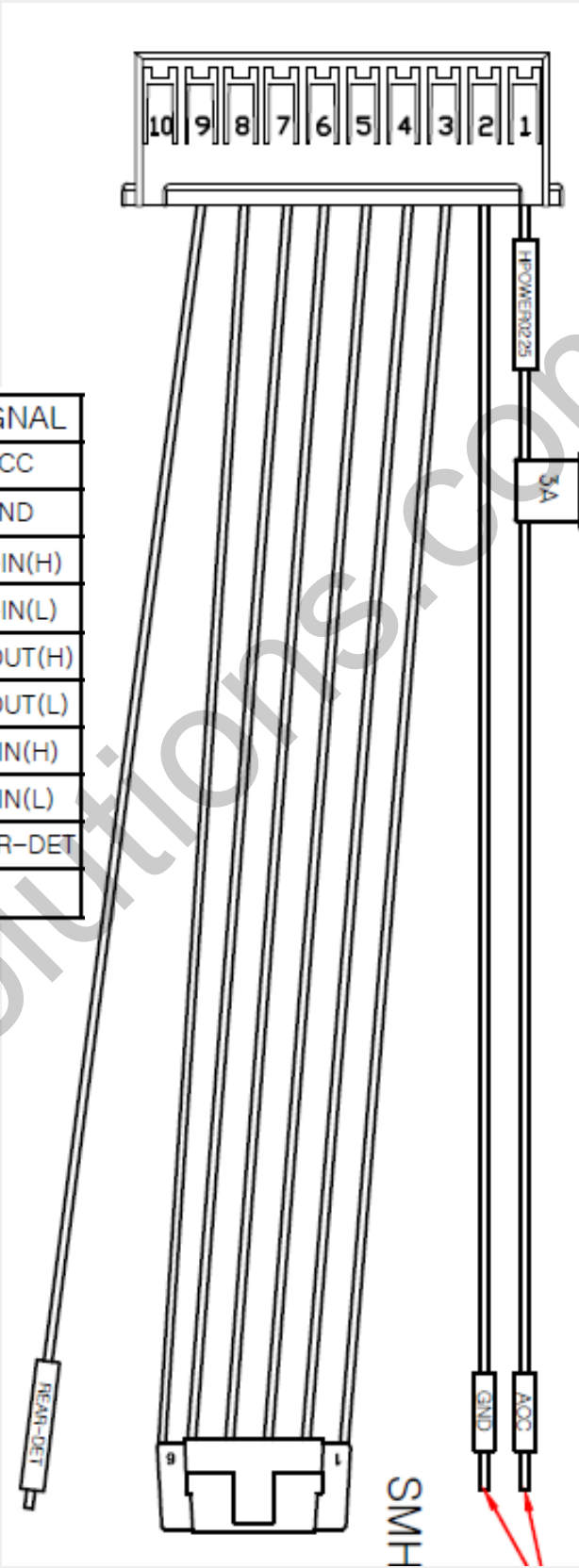
1. Please disconnect OEM connector in red circle on OEM head-unit bunch connector.
2. Connect supplied CAN cable as above.
3. Connect provided power wire pin#1 to car B+

Installation Diagram_ HD2P Sub Board

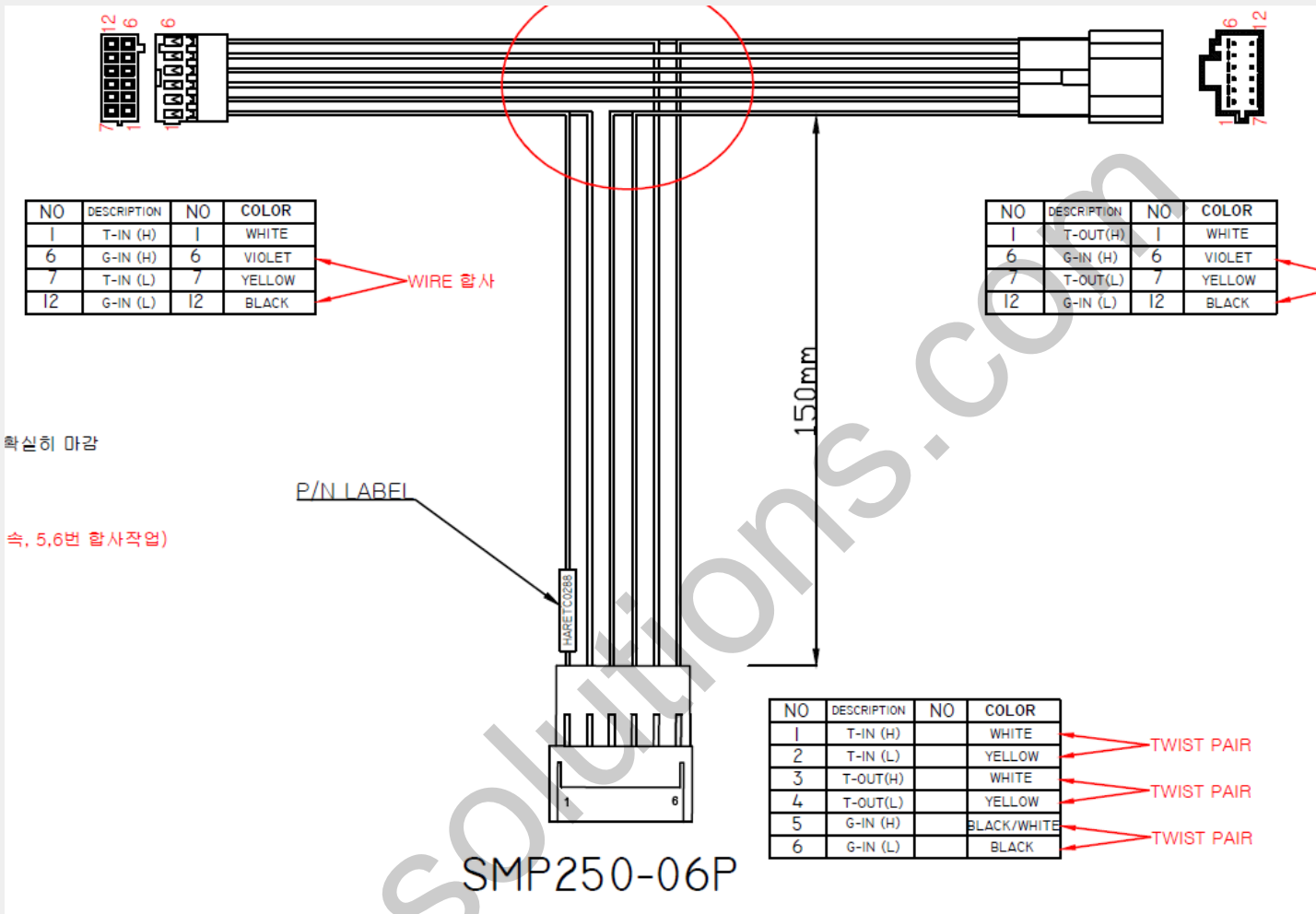


Power Cable Drawing

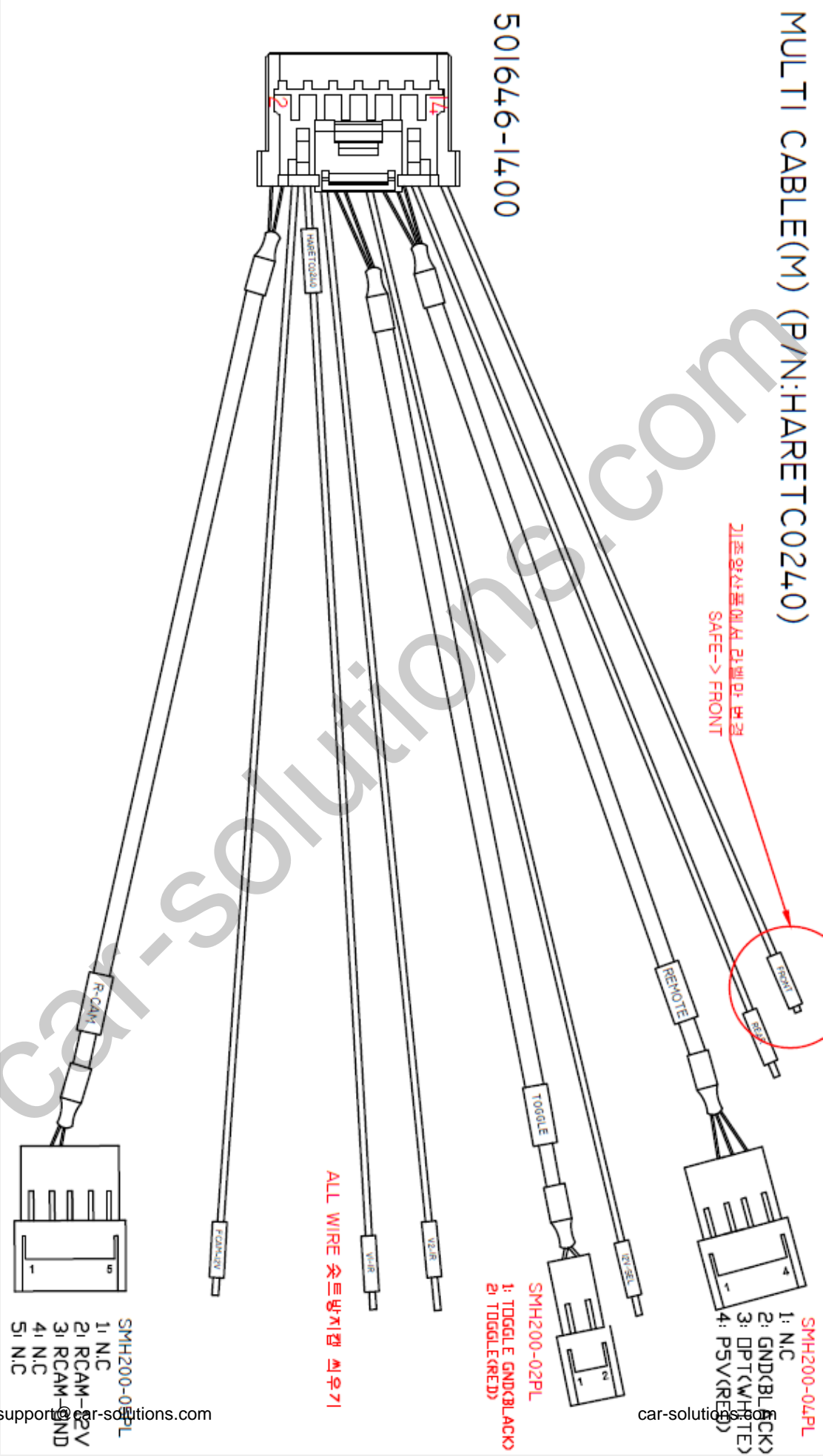
P1	연결	P2	COLOR	SIGNAL
1	X		RED	ACC
2	X		BLACK	GND
3	→	1	WHITE	T-IN(H)
4	→	2	YELLOW	T-IN(L)
5	→	3	WHITE	T-OUT(H)
6	→	4	YELLOW	T-OUT(L)
7	→	5	BLACK/WHITE	G-IN(H)
8	→	6	BLACK	G-IN(L)
9	X		GRAY	REAR-DET
10	X			



CAN J by J Cable Drawing



Multi Cable Drawing



OEM Button Use_ A8/A6/A4

* Press high lighted OEM button for 3 seconds long to mode switch



OEM Button Use_ Skoda Octavia

* Press high lighted OEM button for 3 seconds long to mode switch



OEM Button Use_Touareg

* Press high lighted OEM button for 3 seconds long to mode switch



OEM Button Use_ Cayenne

* Press high lighted OEM button for 3 seconds long to mode switch



OEM Button Use_ Macan

* Press high lighted OEM button for 3 seconds long to mode switch

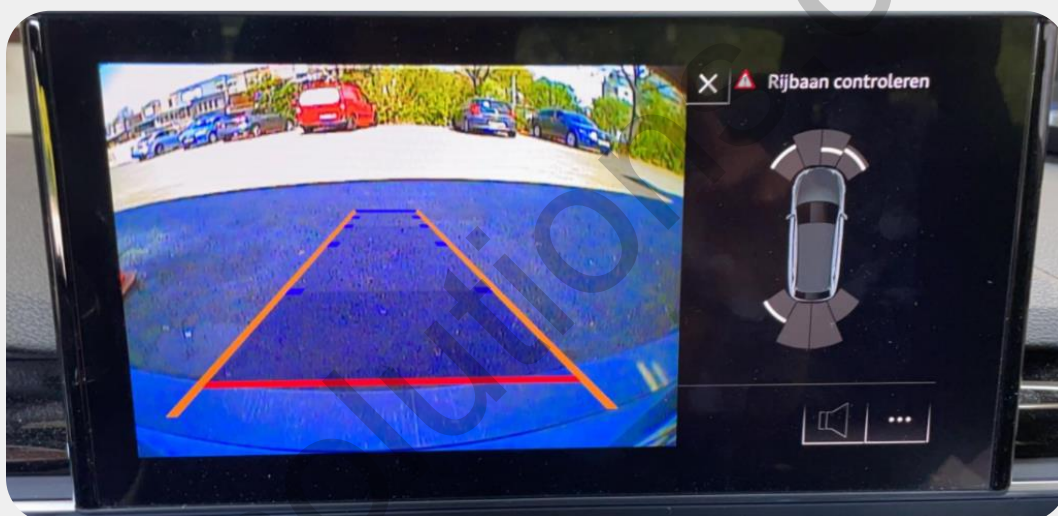


Split Screen on Rear Camera Mode_ A8/A6/A4

Please press high lighted button for 3secs long or short press PIP button on the remote control to change screen display ratio.



Split screen display on Rear Camera Mode



Full screen display on Rear Camera Mode -> OEM or Rear Camera

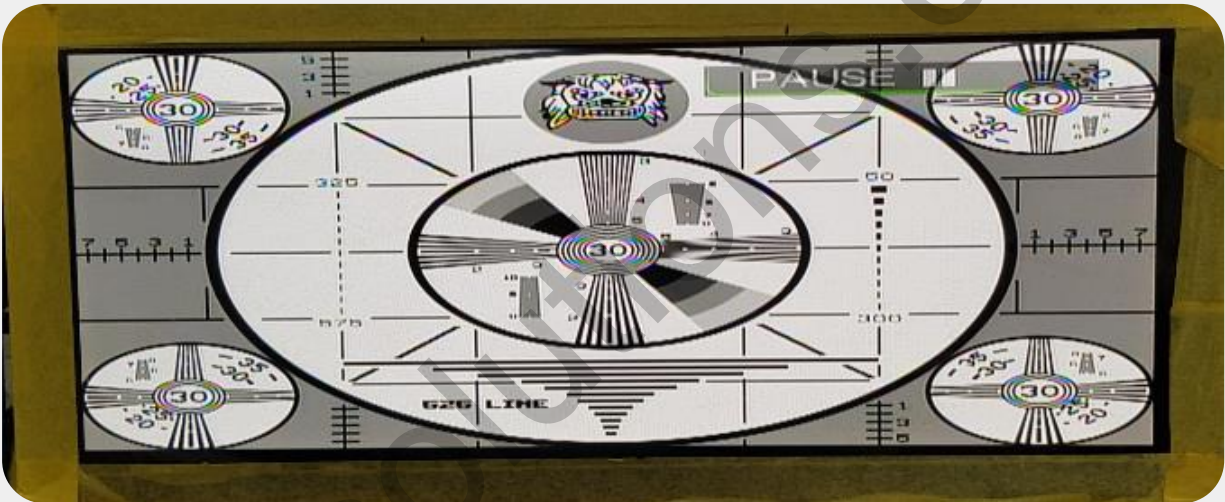


Screen Ratio Change on HDMI/AV Mode_PCM5.0

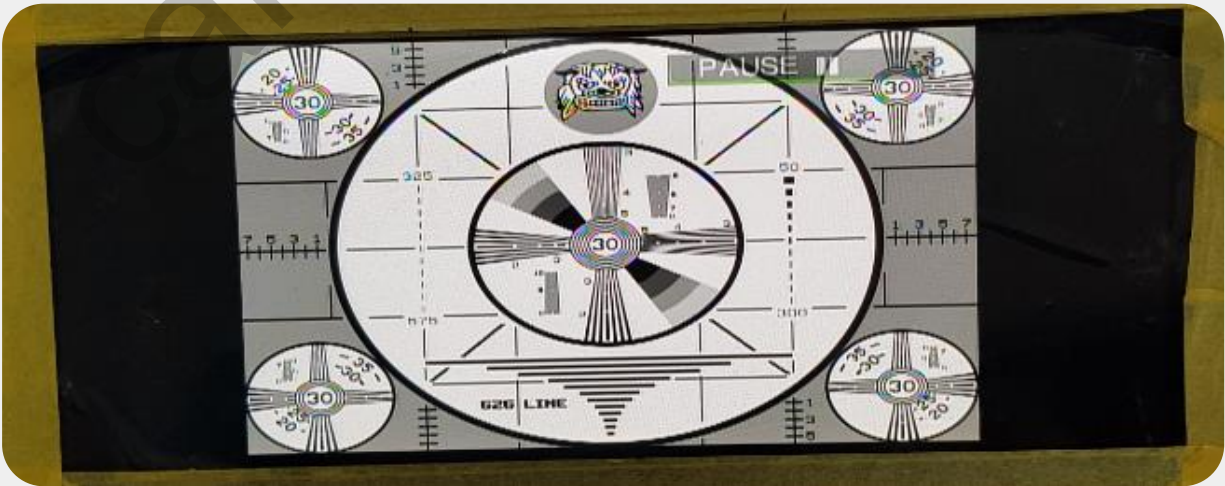
Please press high lighted button for 3secs long or short press PIP button on the remote control to change screen display ratio.



Full screen display on HDMI/AV Mode



4:3 ratio screen display on HDMI/AV Mode



Split Screen on Rear Camera Mode_PCM5.0

Please press high lighted button for 3secs long or short press PIP button on the remote control to change screen display ratio.



Split screen display on Rear Camera Mode



Full screen display on Rear Camera Mode -> OEM or Rear Camera



Cautions Before Installation

1. Ignition key should be taken off before starting installation, interface power connection must be the last step in installation.
2. Power cable should be separated when connecting interface.
3. Should be no any electronic devices or magnetic pole around installation place.
4. All steps of installation should be done by well-trained specialist.
5. Dismantling without manufacturer's permission can not be guaranteed, (No permission to break attached label on the board.)
6. Kindly check all parts are in the box, when receiving the product, if anything missing, inform to the supplier or manufacturer.
7. According to our sales policy, any problems caused by user's mistake, careless can not be guaranteed.

Trouble Shooting

Q. I cannot change mode

A. Check connection of Ground cable and IR Cable. Check LED lamp is on, if not check connection of POWER cable.

Q. All I got on the screen is black.

A. Check second LED lamp of the interface is on, if not, check A/V sources connected are working well. (Second lamp indicates AV sources connected works well) Check interface connection has been done well.

Q. Displayed image color is not proper (too dark or unsuitable color)

A. Press ► button on the remote control for 2 seconds and check how it goes, if it does not work, inform to manufacturer.

Q. I cannot watch the rear camera on the screen

A. Set the DIP switch #7 as state "ON".

Q. Set mode not appear

A. Check DIP Switch.

Q. OEM image is not displayed.

A. Check interface's LCD In/Out cable connection. If the status keeps on, inform to manufacturer.

Q. Screen only displays white color.

A. Check LCD out cable is connected well, if this status keeps, inform to manufacturer.

Q. If no image is shown on screen after connecting CAN wire with Park gear.

A. Go on the "FACTORY MODE", check "UTIL-Rear Select". If "LAMP", change the setting as "CAN" with the remote control. (* when connecting Rear-C wire of LAMP power cable to Backup lights, Setting should be like this / CAN : if controlling rear camera with CAN wire)