

INFINITI GVIF PAS (VIDEO Interface)



MODEL	GVIF-PAS-150901
DATE	2015.11.27

Main Spec.

1. Input Spec. (MULTI VIDEO INTERFACE)

- 2 x A/V Input (External video source).
- 2 x Analog RGB Input (Navigation & MHL System)

2. Output Spec.

- 2 x CVBS Output (Video out for Installing Headrest Monitor)
- 1 x Audio L/R Output.
- 1 x LVDS Output (LCD Operation)

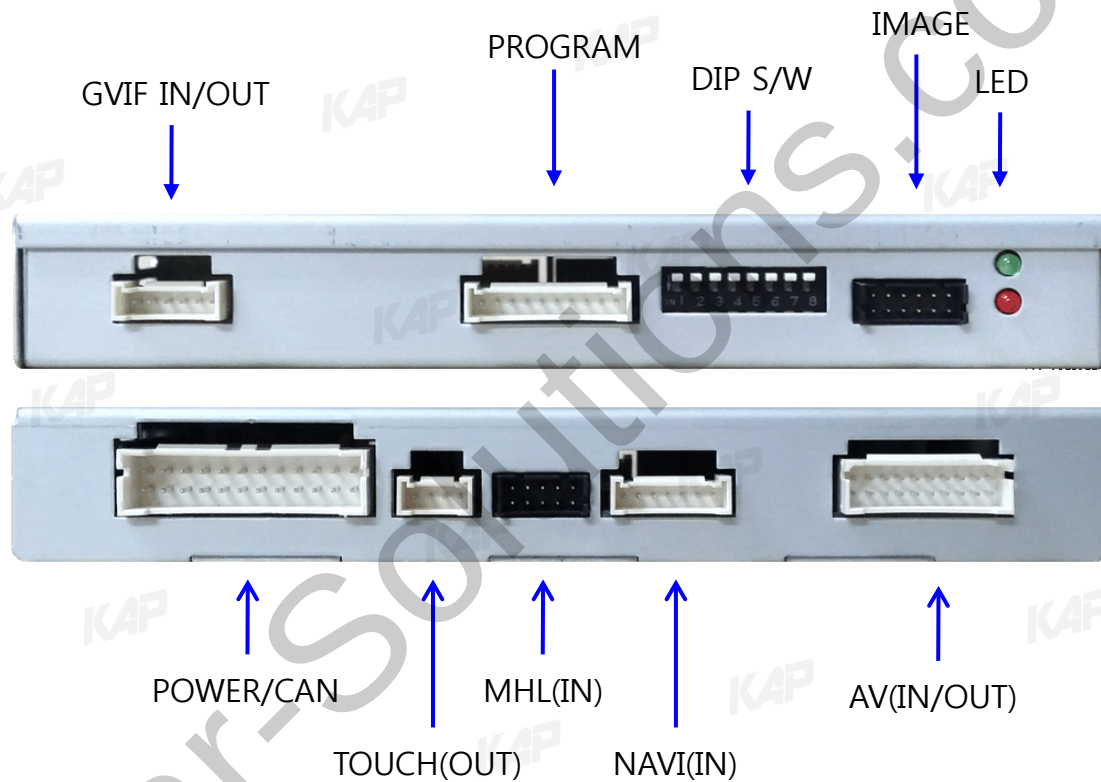
3. Power Spec.

- Input Power : 8VDC ~ 24VDC
- Consumption Power : 12Watt, Max

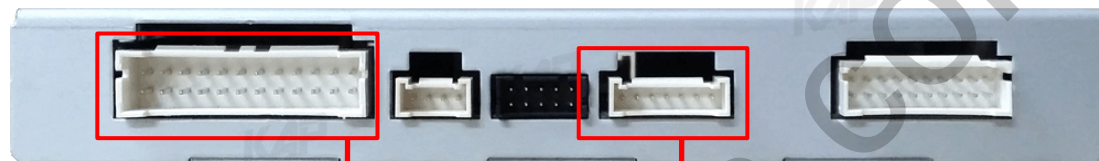
4. Switch Input mode

- Possible to select CAR model while switching mode by DIP S/W

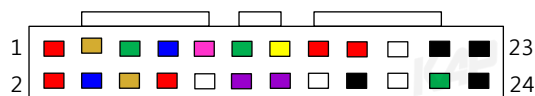
External Appearance



Connector Pin Assignment

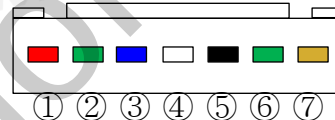


*POWER Connect



- | | |
|---------------------|----------------------|
| 1. ACC (Red) | 13. BATTERY (Yellow) |
| 2. ACC (Red) | 14. BCAN-H (Purple) |
| 3. REAR-DET (Brown) | 15. REAR-VCC (RED) |
| 4. FRONT-DET (Blue) | 16. BCAN-L (White) |
| 5. CAN-L (Green) | 17. FRONT-VCC (RED) |
| 6. CAN-H (Orange) | 18. GND (Black) |
| 7. MON-TX (Blue) | 19. NC |
| 8. HD-TX (Red) | 20. NC |
| 9. HD-RX (Pink) | 21. GND (Black) |
| 10. NC | 22. MODE (Green) |
| 11. ADC1 (Green) | 23. GND (Black) |
| 12. ADC2 (Purple) | 24. GND (Black) |

*NAVI Connect



- | |
|-------------------|
| ① R DATA (Red) |
| ② G DATA (Green) |
| ③ B DATA (Blue) |
| ④ SYNC (White) |
| ⑤ GND (Black) |
| ⑥ DMB IR (Green) |
| ⑦ DVD IR (Orange) |

Product Composition



Interface 1 EA



OSD Board 1 EA



LVDS Cable(M-M) 1 EA



Power Cable 1 EA



RGB Navi Cable(7pin) 1 EA



A/V Cable(20pin) 1 EA



Touch Cable converter (for KD-900) 1 EA

Product Composition Option



Option : Sub Board 1 EA



Option : RGB Cable 1 EA



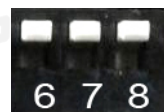
Not for sale : HDMI Cable 1 EA

DIP S/W Setting

* ON : DOWN , OFF : UP

PIN	FUNCTION	DIP S/W Selection
1	RGB(=NAVI) MUTE	ON : Skipping RGB Mode OFF : RGB Display
2	AV1(=DVB-T) MUTE	ON : Skipping AV1 OFF : AV1 Display
3	AV2(=DVD) MUTE	ON : Skipping AV2 OFF : AV2 Display
4	RGB(=MHL) MUTE	ON : Skipping MHL Mode OFF : MHL Display
5	NC	
6	CAR SEL	Right Picture.
7		
8		

* DIP S/W Example



Infiniti(800x480)

Mode Change

I-Drive Control : MODE Change



Touch Control

Touch calibration



Push 7sec on the NAVI / AV1 / AV2 screen (just 1 screen)

Press+

Touch Control

DVB-T/DVD Control

DVB-T

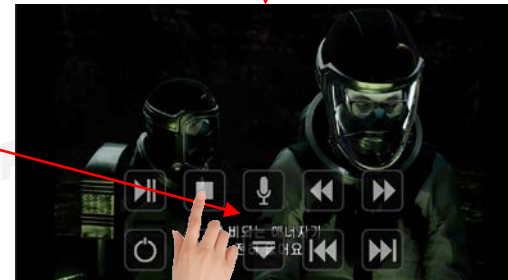
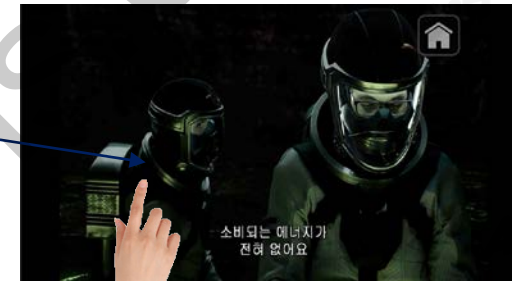


Press Touch(Anywhere)



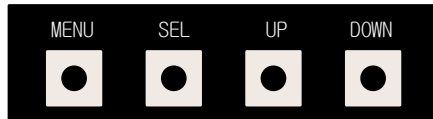
Press Icon

DVD



OSD(On Screen Display) Control

OSD Control Board



MENU	Push -> OSD menu On/Off
SEL	Item Selection, Value Selection
UP	Item up Increase selected value
DOWN	Item down Decrease selected value

Mode State		
MENU	Config	NAVI
Config	NAVI-RGB	KD900(WVGA)
Option	NAVI-AV	Default
Image	DVD	ELT-980XU Slim
Screen	DVB-T(IMB)	ELT-DVBT20
Parking	BlackBox	Default
First Menu	Second Menu	Third Menu

OSD(On Screen Display) Control

First Menu	Second Menu	Third Menu	Action
Option	RearCam-Type	OEM	Original Camera
		ExtDevice	Use aftermarket Rear camera
	RearCam-Power	ON	Rear camera get +12V consistently
		AUTO	Rear camera get +12V when reverse gear on
		OFF	Shut out the power supply.
	FrontCam-Type	OEM	Original Camera
		ExtDevice	Use aftermarket Front camera
	FrontCam-Power	ON	Front camera get +12V consistently
		AUTO	Front camera get +12V when reverse gear on
		OFF	Shut out the power supply.
	RearCam-RcvOpt	ON	Show Frontcam 25sec after rear mode.
		OFF	Default
	Reset	Excute	Option Menu all Reset

OSD(On Screen Display) Control

NAVI-RGB menu

First Menu	Second Menu	Third Menu	Action
Image	Brightness		Adjust the value of brightness
	Contrast		Adjust the value of contrast
	Color-RED		Adjust the value of RED
	Color-GREEN		Adjust the value of GREEN
	Color-BLUE		Adjust the value of BLUE
	Reset	Excute	Option Menu all Reset

DVD,DVB-T(DMB),NAVI-AV,REAR,FRONT menu

First Menu	Second Menu	Third Menu	Action
Image	Brightness		Adjust the value of brightness
	Contrast		Adjust the value of contrast
	Saturation		Adjust the value of Saturation
	Hue		Adjust the value of Hue
	Sharpness		Adjust the value of Sharpness
	Reset	Excute	Option Menu all Reset



<< Brightness >>



<< Saturation >>



<< Contrast >>

OSD(On Screen Display) Control

OSD Setting - Screen mode

- Horizontal
- Vertical
- Scaler X Up
- Scaler X Down
- Scaler Y Up
- Scaler Y Down

MENU	Screen	NAVI
Config	Horizontal	50
Option	Vertical	50
Image	Scale X Up	50
Screen	Scale X Down	50
Parking	Scale Y Up	50

OSD(On Screen Display) Control

OSD Setting - Utility Mode

MENU	Utility / Factory Reset	REAR
OSD	Factory Reset	Execute Cancel
Utility	Version	BEPP06SGX-130950

- Factory Reset : Execute - Reset All (Setting Default)
- Version : FW Version

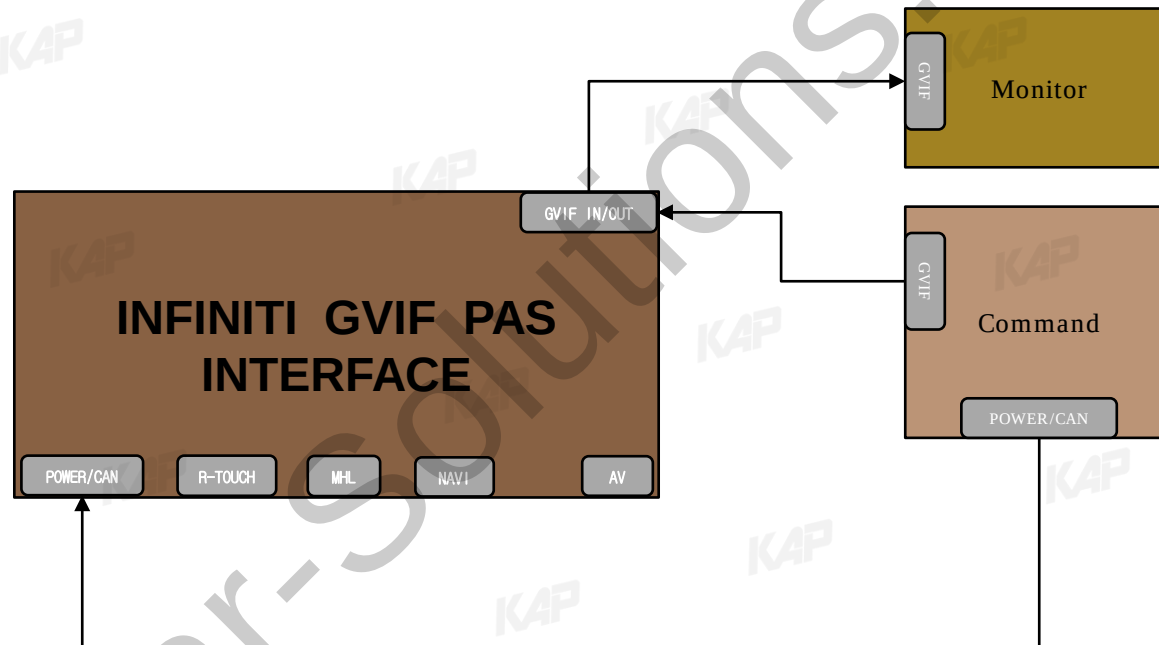
Finish update FW, check the FW version

Last Source : BEPP06SGX-130950



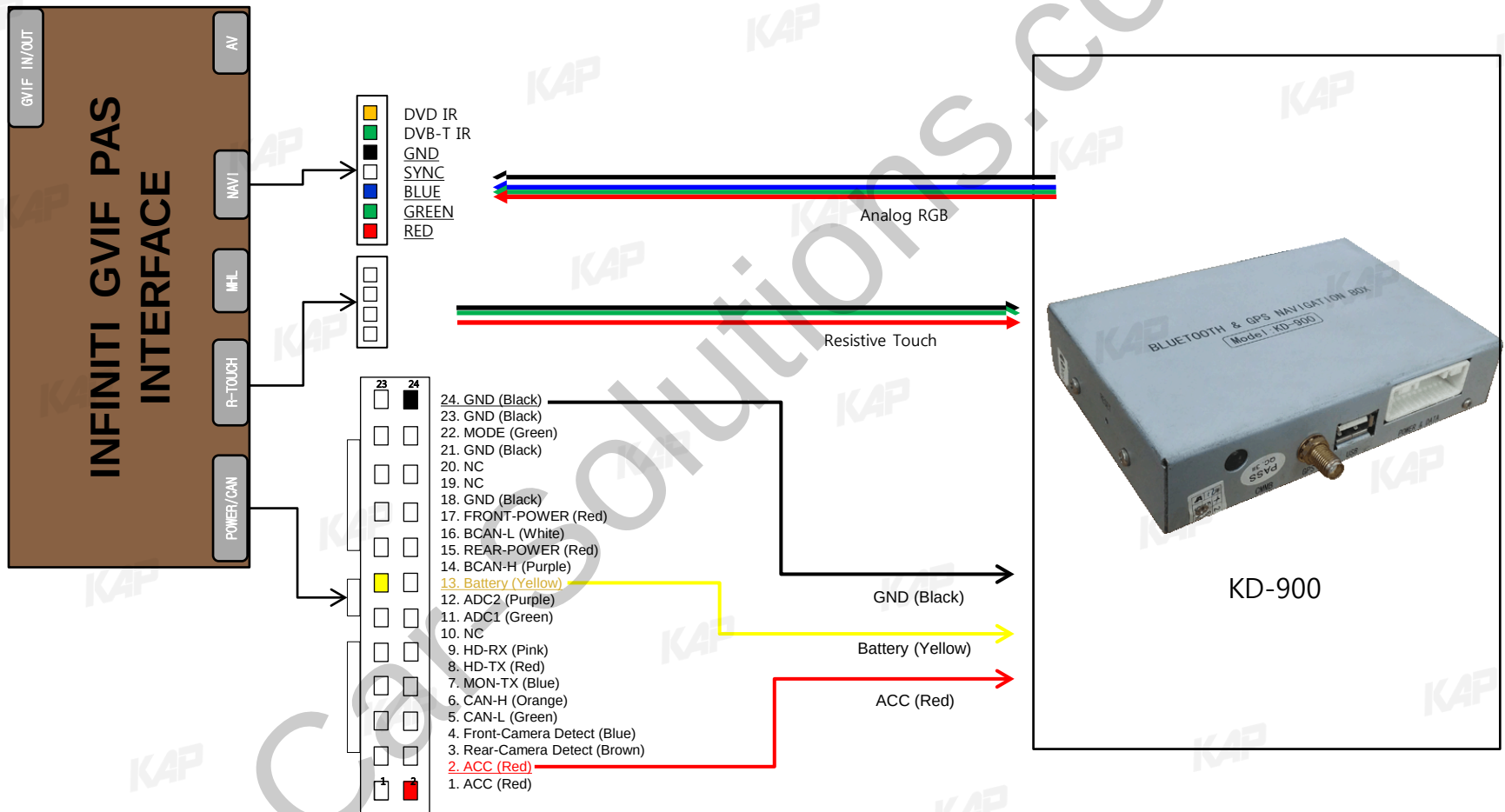
Install Manual

1. Installation Diagram



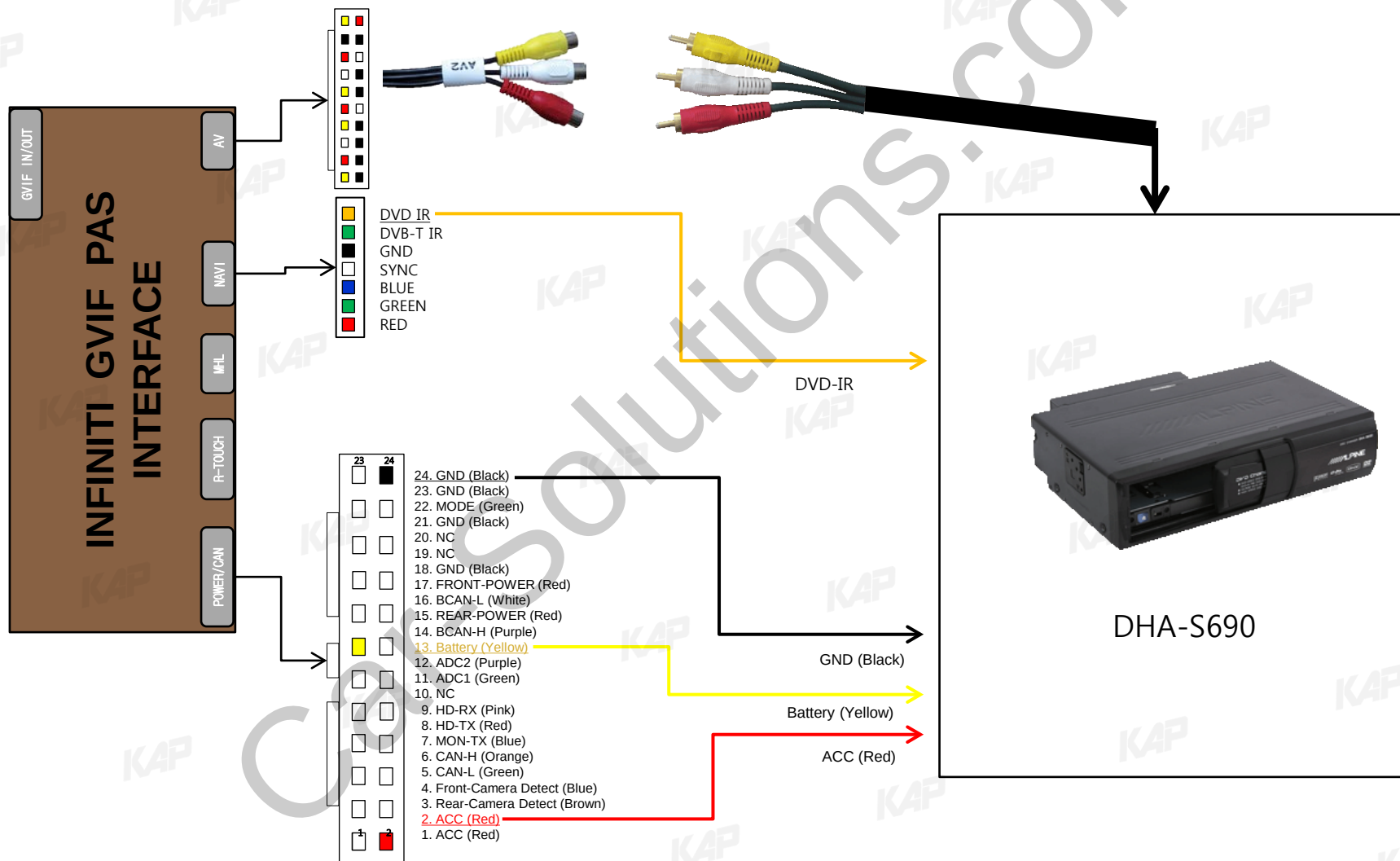
Install Manual

2. Installation Navigation Connection



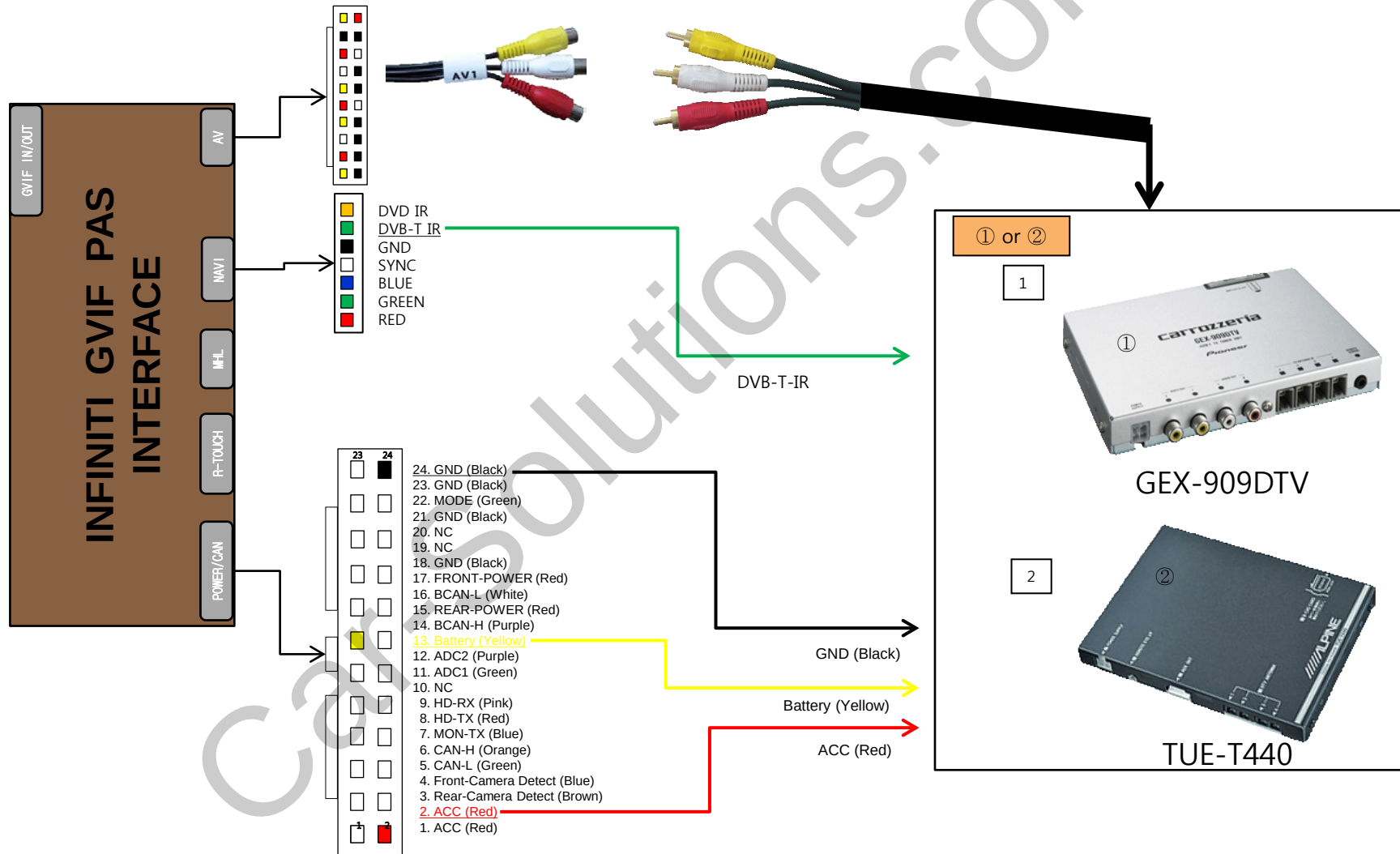
Install Manual

3. Installation DVD Remote Control Connection



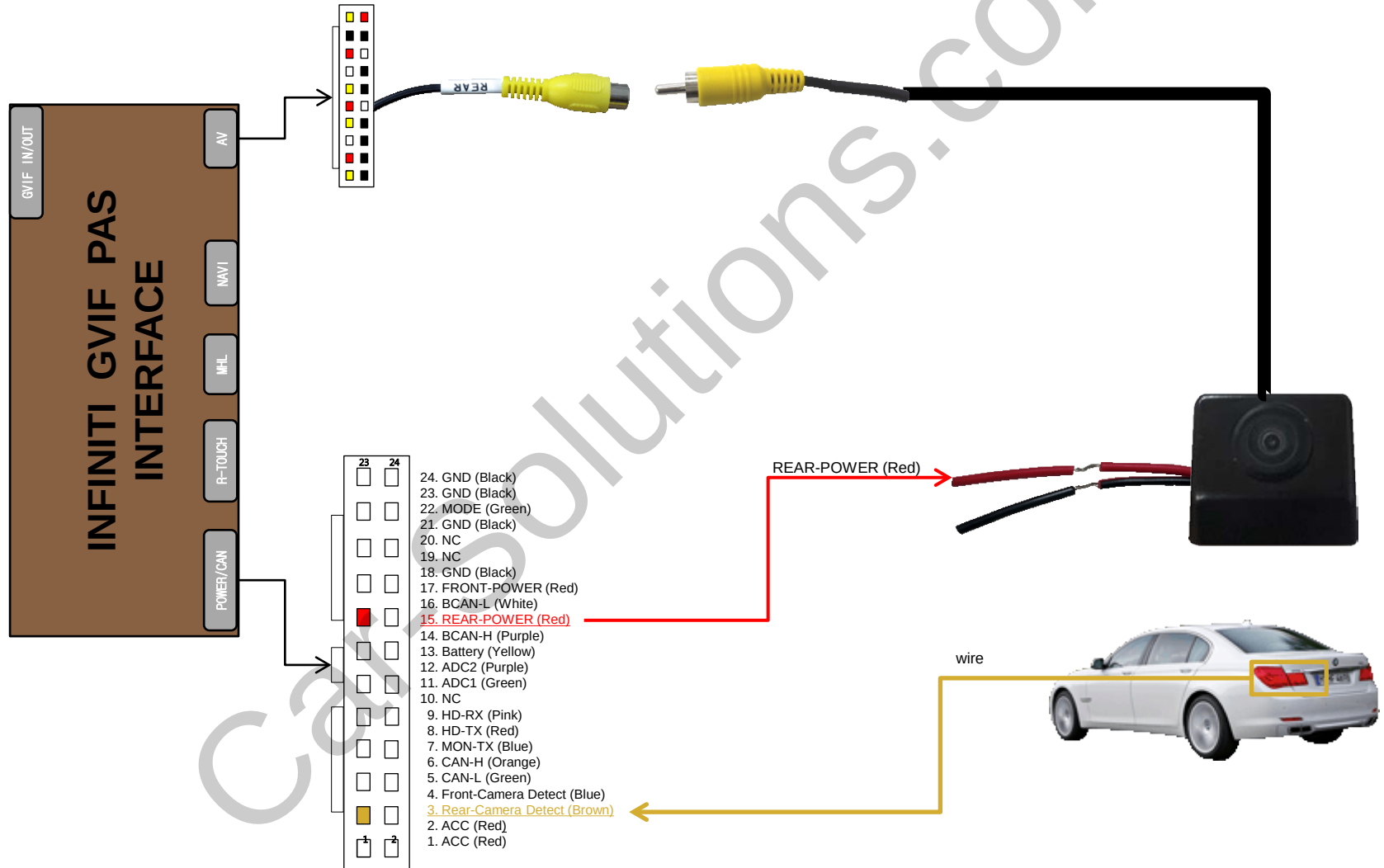
Install Manual

4. Installation DVB-T Remote Control Connection



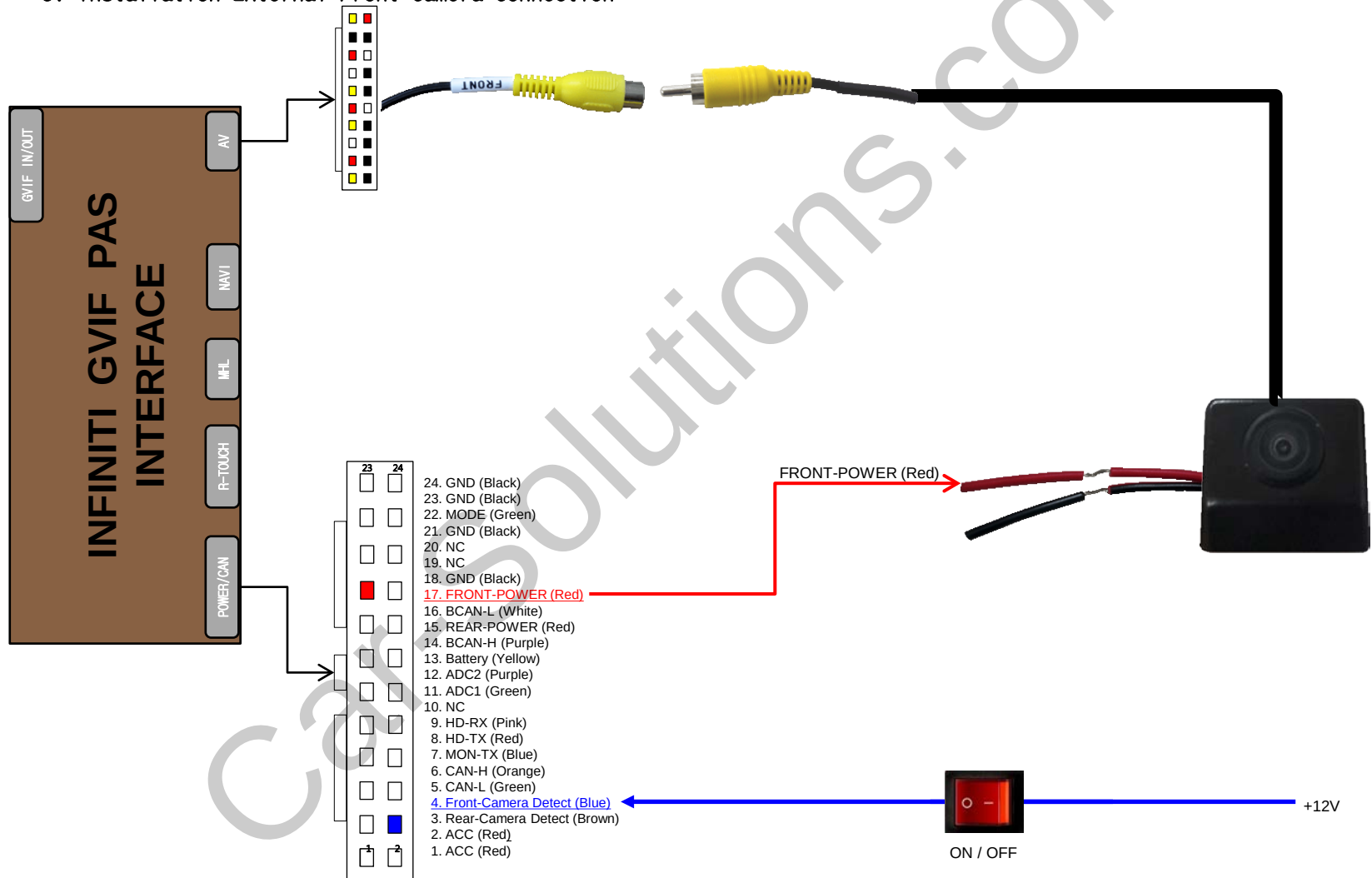
Install Manual

5. Installation External Reverse(Rear) Camera Connection : OSD Screen selection wire



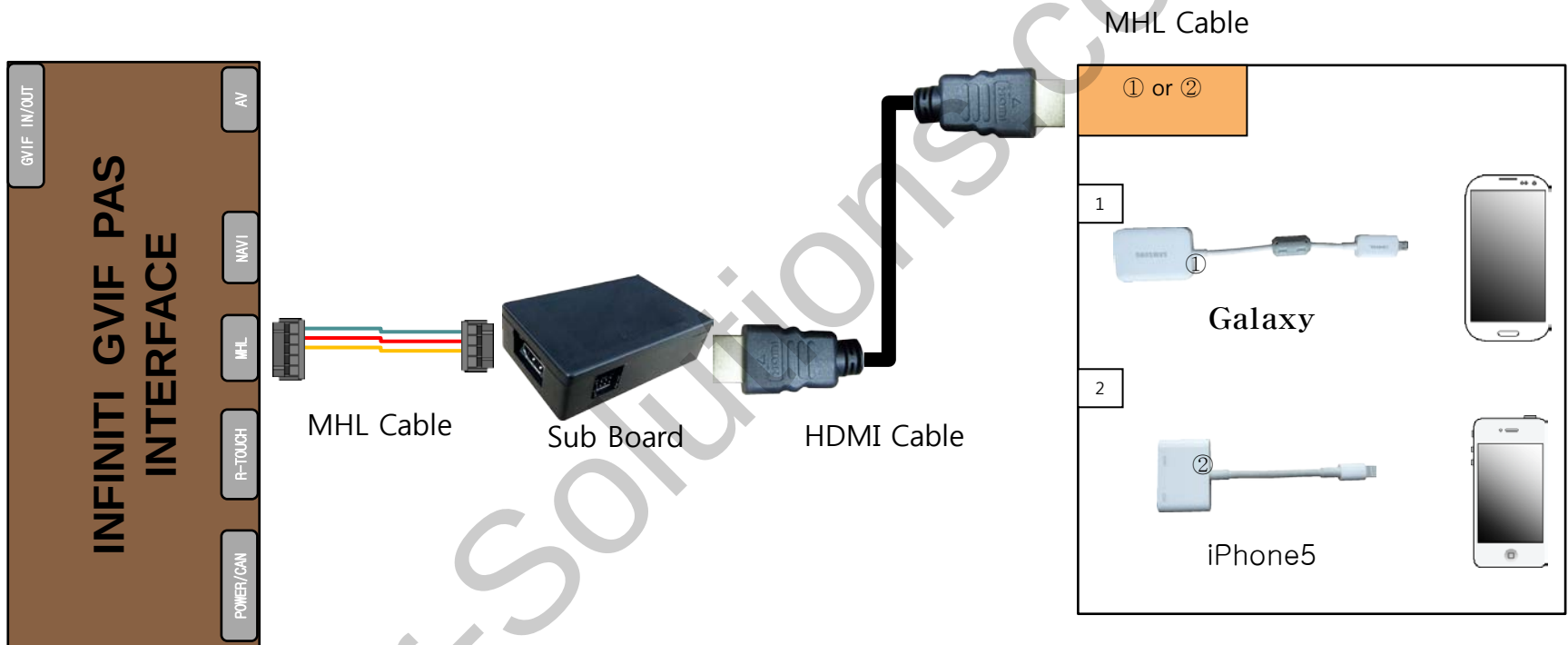
Install Manual

6. Installation External Front Camera Connection



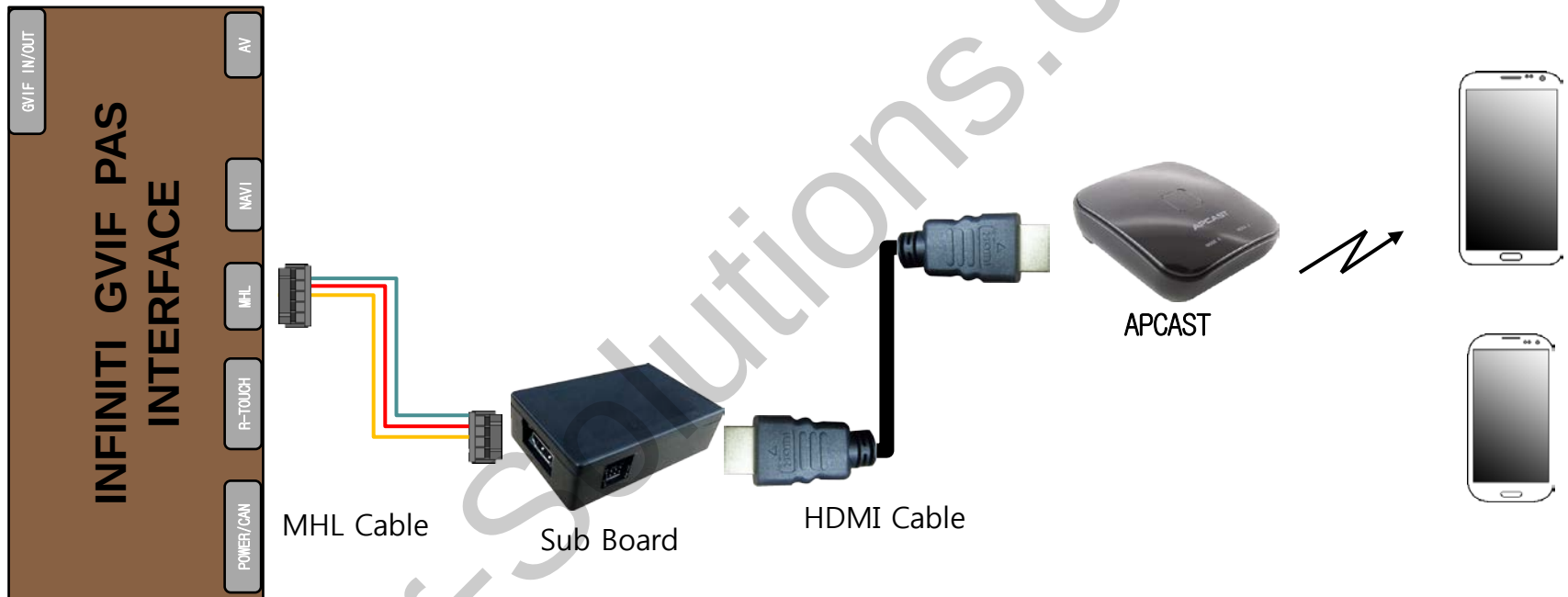
Install Manual

7. Installation External MHL cable



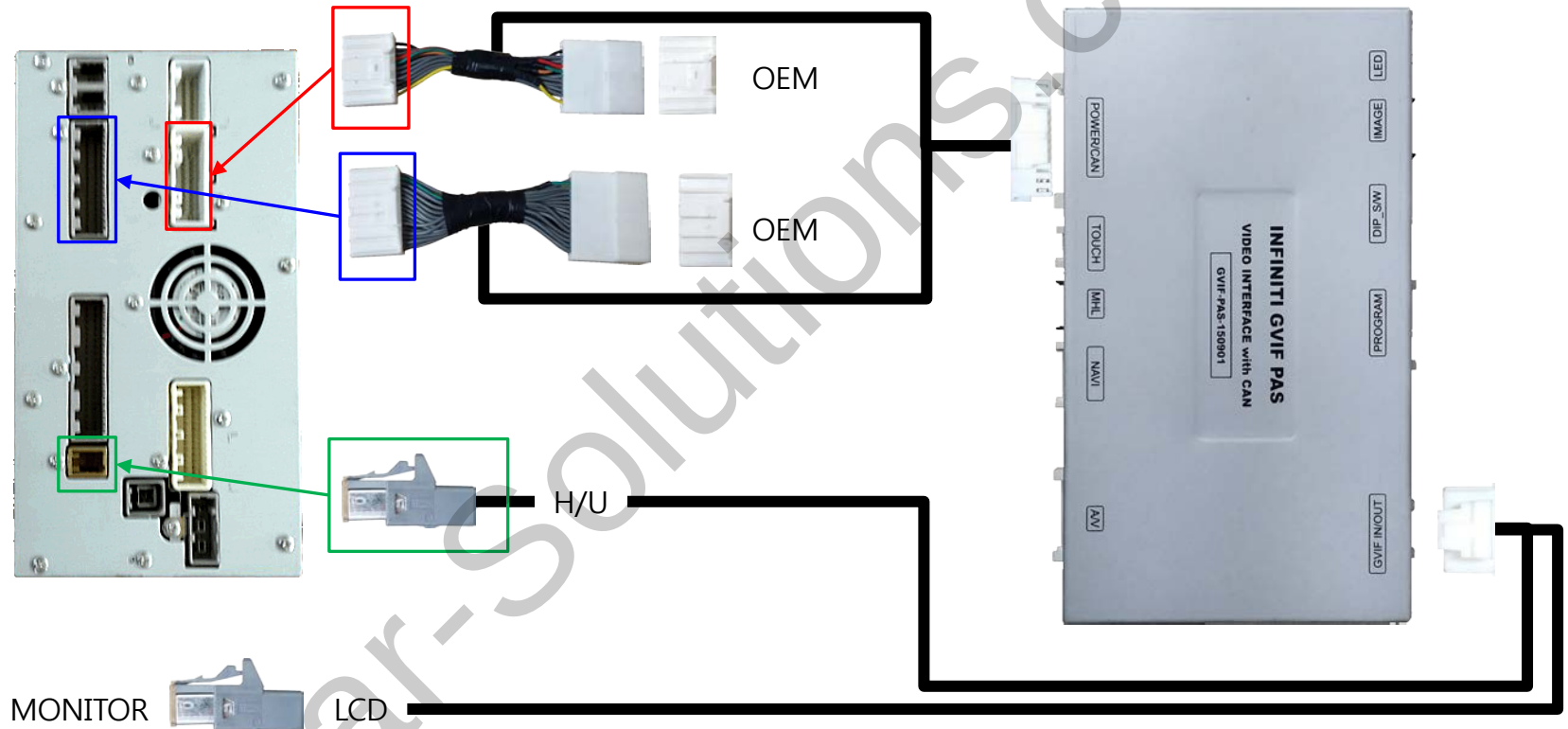
Install Manual

8. Installation External MHL wireless



Install Manual

9. Installation LVDS connection



Install Manual

10. Install

①



②



③



④



Install Manual

10. Install

⑤



⑥



⑦



⑧



Q & A



1. If Interface has a problem, Please check LED.

- ACC on (12v), If Interface does not have a problem; GREEN LED is blinking every 1 sec..
- RED LED is turn on (not blinking), Interface has a problem.
- RED LED is turn off every 1 sec, there is no input.
- RED LED and GREEN LED both are not turn on, check the CAN or ACC connection.

2. Q : LCD screen black

A : LVDS Cable problem or, connection problem.

3. When DTV or DVD mode, cannot control with I-Drive

- Check IR cable, and DTV or DVD device' s ground cable and Interface ground cable join together with using extra cable.
- Check device in OSD menu