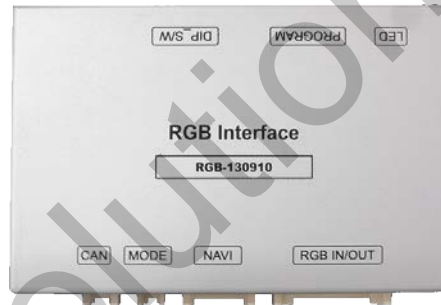


NISSAN/INFINITI RGB (VIDEO Interface)



MODEL	RGB-130910
DATE	2014.02.17

Main Spec.

1. Input Spec. (MULTI VIDEO INTERFACE)

- 1 x Analog RGB Input (Navigation System output)
- 1 x Analog RGB Input (Car Command System)

2. Output Spec.

- 1 x Analog RGB Output (Car Monitor System)

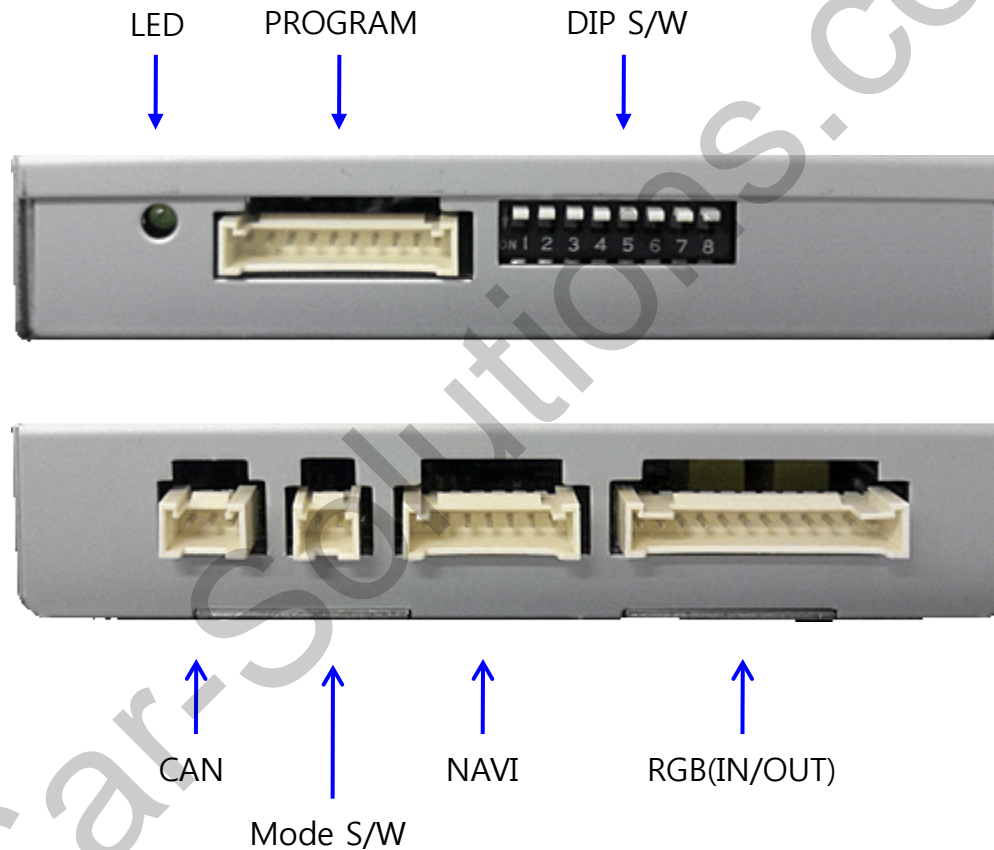
3. Power Spec.

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

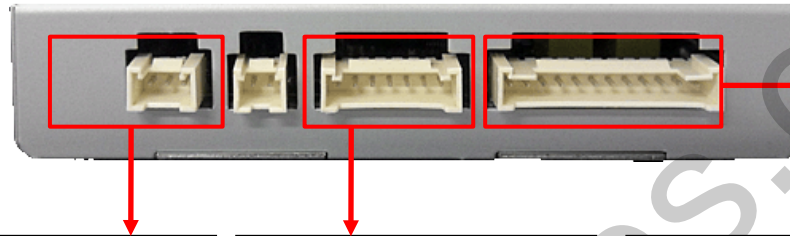
4. Switch Input mode

- Possible to select CAR model while switching mode by DIP S/W
- By button on the Commander in the car via CAN

External Appearance



Connector Pin Assignment



*POWER Connect



① ② ③

- ① CAN-L (Green)
- ② CAN-H (Orange)
- ③ REAR-CAM DETECT (Brown)

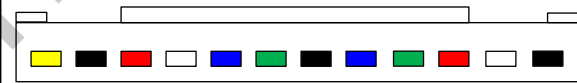
*NAVI Connect



① ② ③ ④ ⑤ ⑥ ⑦

- ① R DATA (Red)
- ② G DATA (Green)
- ③ B DATA (Blue)
- ④ SYNC (White)
- ⑤ GND (Black)
- ⑥ NC
- ⑦ NC

*RGB- Connect



① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

- ① Battery(Yellow)
- ② GND (Black)
- ③ R-OEM (Red)
- ④ Sync-OEM (White)
- ⑤ B-OEM (Blue)
- ⑥ G-OEM (Green)
- ⑦ GND (Black)
- ⑧ B-monitor (Blue)
- ⑨ G-monitor (Green)
- ⑩ R-monitor (Red)
- ⑪ Sync-monitor (White)
- ⑫ GND (Black)

Product Composition



Interface 1 EA



RGB NAVI Cable(7Pin) 1 EA



RGB Navi Cable 1 EA



CAN Cable 1 EA

DIP S/W Setting

* ON : DOWN , OFF : UP

PIN	FUNCTION	DIP S/W Selection
1	RGB INPUT MUTE	ON : Skipping RGB Mode OFF : RGB Display
2	N.C	
3	N.C	
4	N.C	
5	N.C	
6	N.C	
7	CAR Type	OFF(7),OFF(8) : Infiniti FX35
8		ON(7),ON(8) : Infiniti M25 OFF(7),ON(8) : Nissan ELGRAND ON(7),OFF(8) : Nissan MURANO

* DIP S/W Example



Infiniti FX35



Nissan ELGRAND

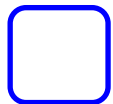


Nissan MURANO



Infiniti M25

I-DRIVE Control - MURANO



Return OEM display

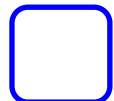


mode change(1 second)



3 second OEM display

I-DRIVE Control - MURANO



Return OEM display

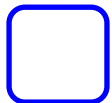


mode change(1 second)



3 second OEM display

I-DRIVE Control - MURANO



Return OEM display



mode change(1 second)



3 second OEM display

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.