

# Hyundai Genesis 2011

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- MODEL : H/W ver 00

- DATE : 2023.03.13



**GU ELECTRONIC**

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# 1. Main Spec.

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## 1. Input Spec. (MULTI VIDEO INTERFACE)

- 1 x Digital RGB Input (Navigation System source)
- 1 x CVBS(REAR CAMERA) Input. (Rear camera source)
- 1 x CVBS(FRONT CAMERA) Input. (Front camera source)
- 1 x LVDS Input. (Car Command System)

## 2. Output Spec.

- 1 x LVDS Output (LCD Operation)

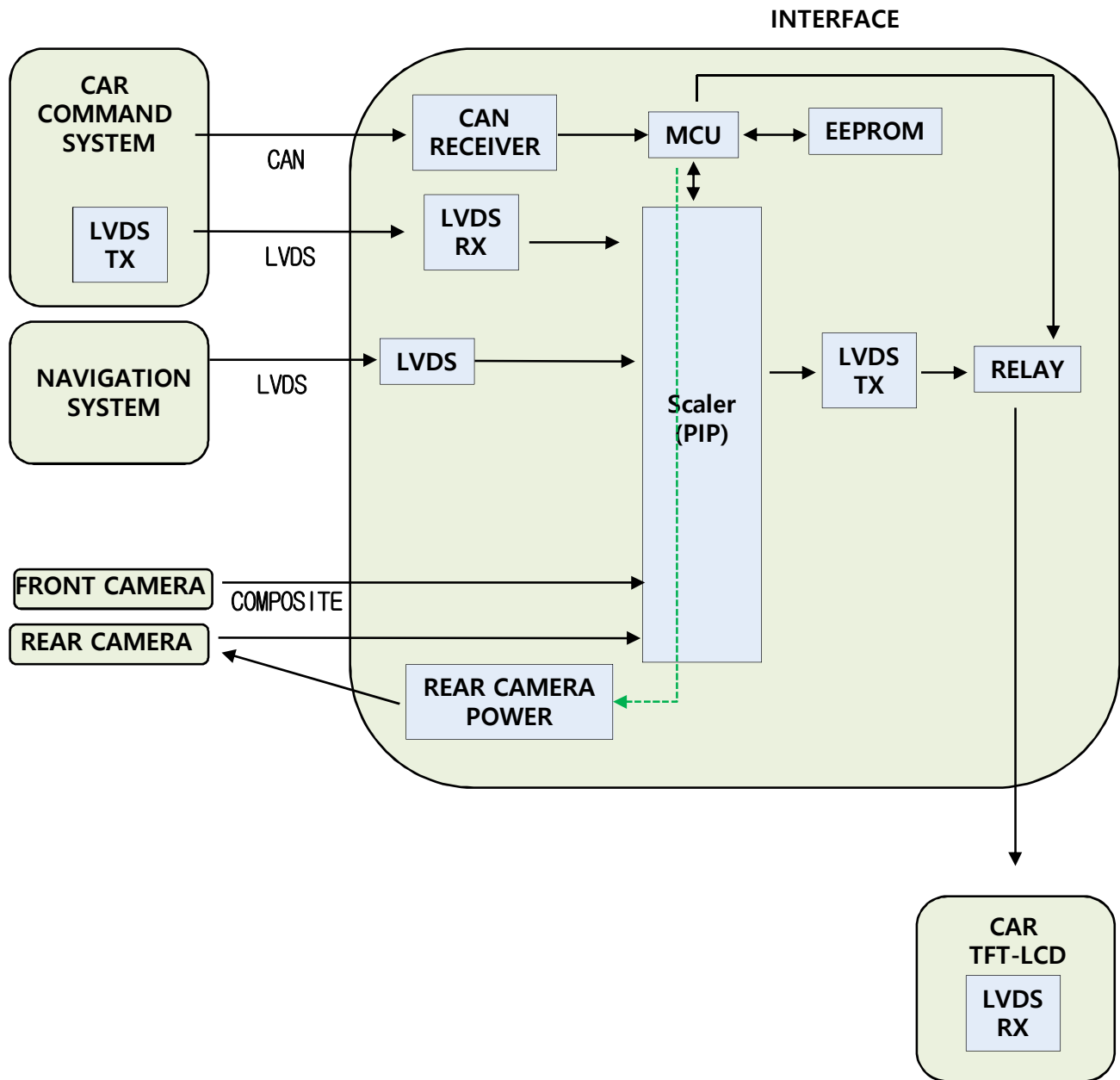
## 3. Power Spec.

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

## 4. Switch Input mode

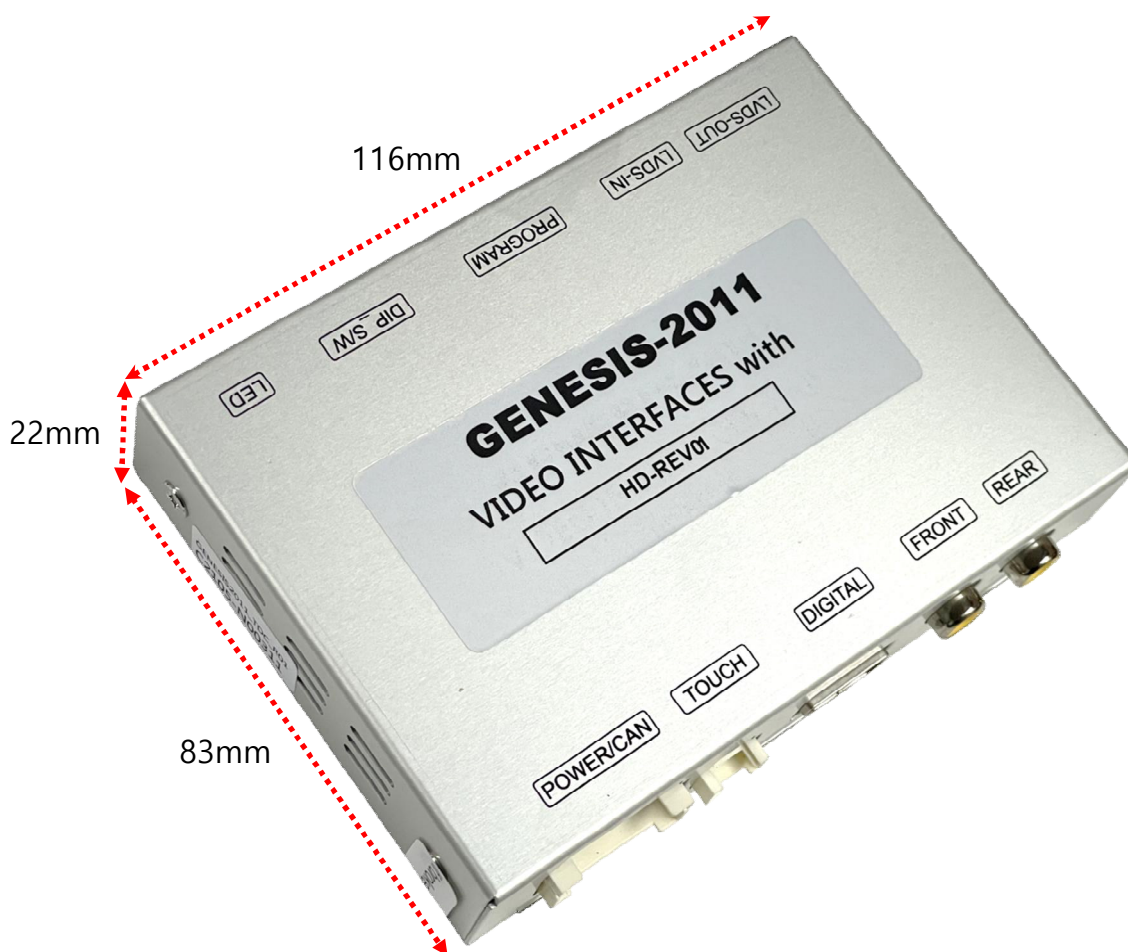
- Possible to select CAR model while switching mode by DIP S/W
- By button on the Commander in the car via CAN

## 2. Block Diagram



# 3. Dimension

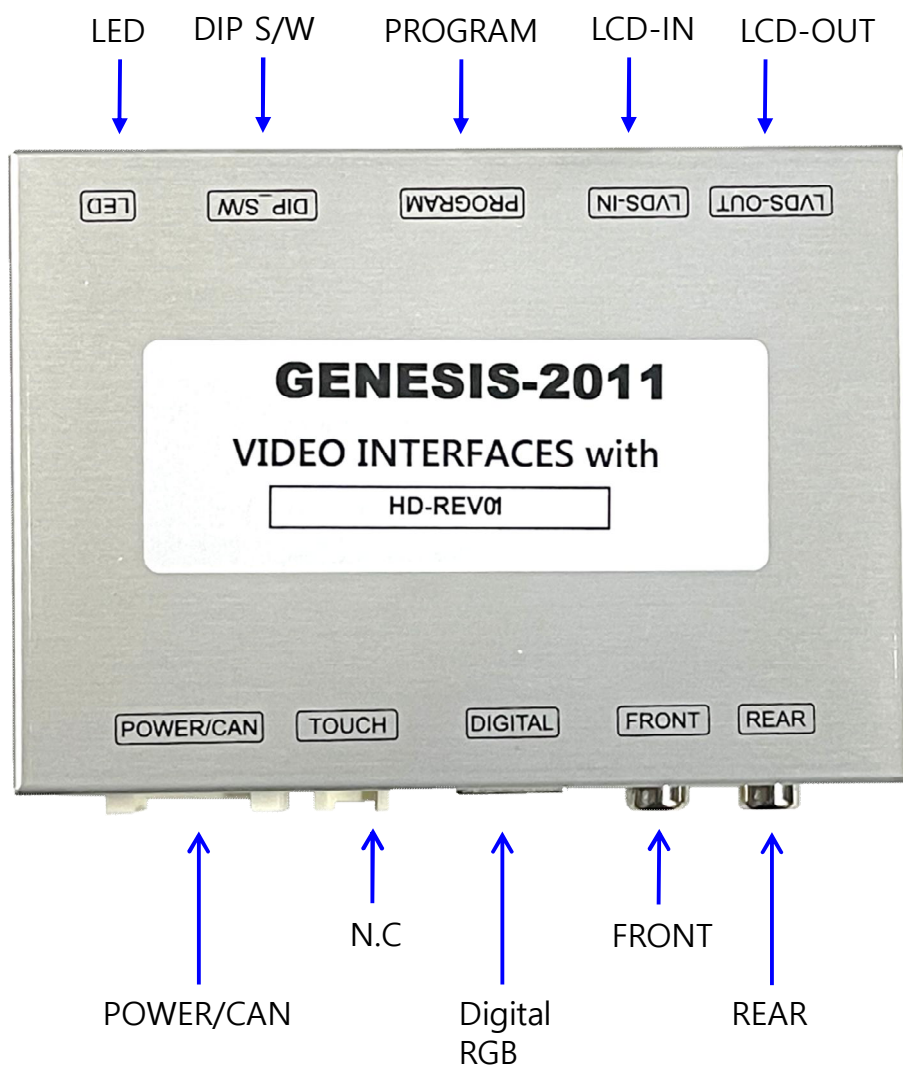
116mm \* 83mm \* 22mm



\* This can change under manufacturer's circumstance

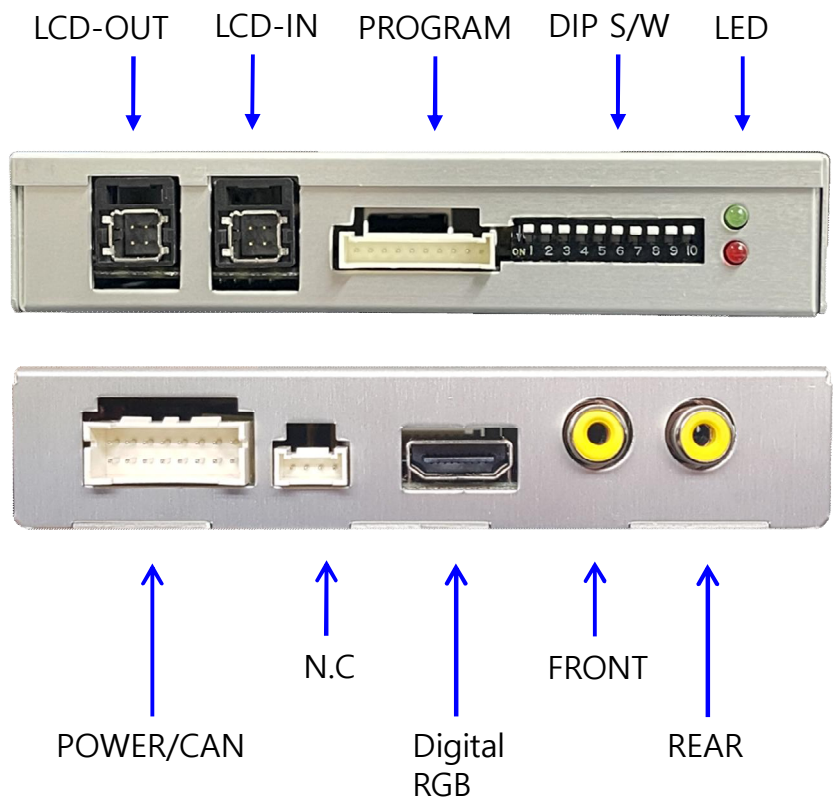
# 4. External Appearance

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# 4. External Appearance

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# 5. Connector Pin Assignment

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## \*POWER Connect



- |                     |                    |
|---------------------|--------------------|
| 1. ACC (Red)        | 9. CAN-L (Green)   |
| 2. N.C              | 10. CAN-H (Orange) |
| 3. Rear-DET (Brown) | 11. N.C            |
| 4. N.C              | 12. N.C            |
| 5. N.C              | 13. N.C            |
| 6. N.C              | 14. Mode (Green)   |
| 7. N.C              | 15. GND (Black)    |
| 8. N.C              | 16. GND (Black)    |



# 6. Product Composition

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Interface 1 EA



LVDS Cable 1 EA



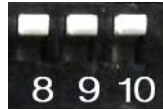
Power Cable 1 EA

# 7. DIP S/W Setting

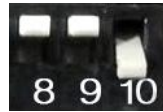
\* ON : DOWN , OFF : UP

PIN	FUNCTION	DIP S/W Selection
1	NAVI	ON : Not Used OFF : Used
2	VIDEO	ON : Not Used OFF : Used
3	REAR TYPE	ON : OEM OFF : External
4	REAR DETECT	ON : Wire OFF : CAN
5	Navi Model SEL	Down Picture
6		
7		
8	CAR type SEL	Right Picture
9		
10		

\* DIP S/W Example



Genesis BH330 8" (2008~2013)



K9 8" (2013~2014)



QROI

# 8. Mode Change

## Mode Change Button

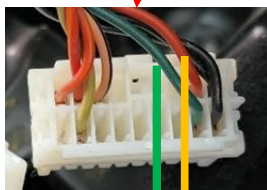
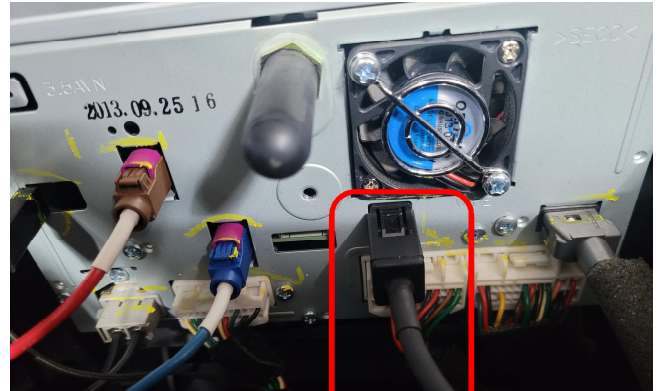
K9



mode change(1 second)

# 9. Install Manual

## 2. Installation 8-inch LVDS



CAN-L

CAN-H

ACC

GND



External LVDS cable

OEM LVDS cable

# 10. Q & A

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## **FAQ**

1. Not possible to switch mode
  - Check connection of OSD Key pad wire
  - Check CAN connection
2. Display wrong size of picture
  - Check Dip s/w setting
3. Display black screen in OEM mode
  - Check connection of LVDS/LCD cable
4. Not possible to switch to rear screen
  - Check the packing setting (OSD Menu – option – RearCam-Det)

## **Caution**

1. The device must not be installed in where it interferes driving (close to brake pedal, steering wheel, airbag etc.)
2. LVDS cable must be connected correctly according to the manual
3. Insulate the end of wire by using electrical tape
4. The installation should be done by expert
5. GU electronic does not take any responsibility for any problem caused by wrong installation