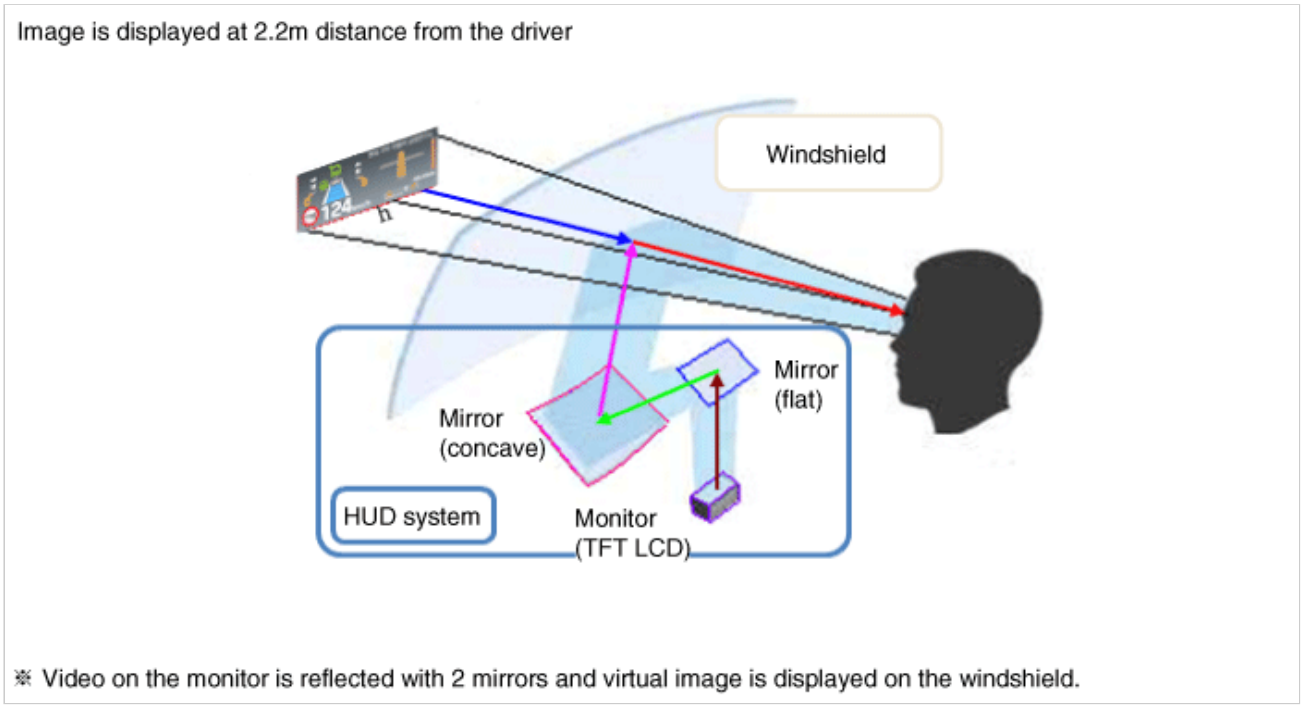
Description

1. System operation



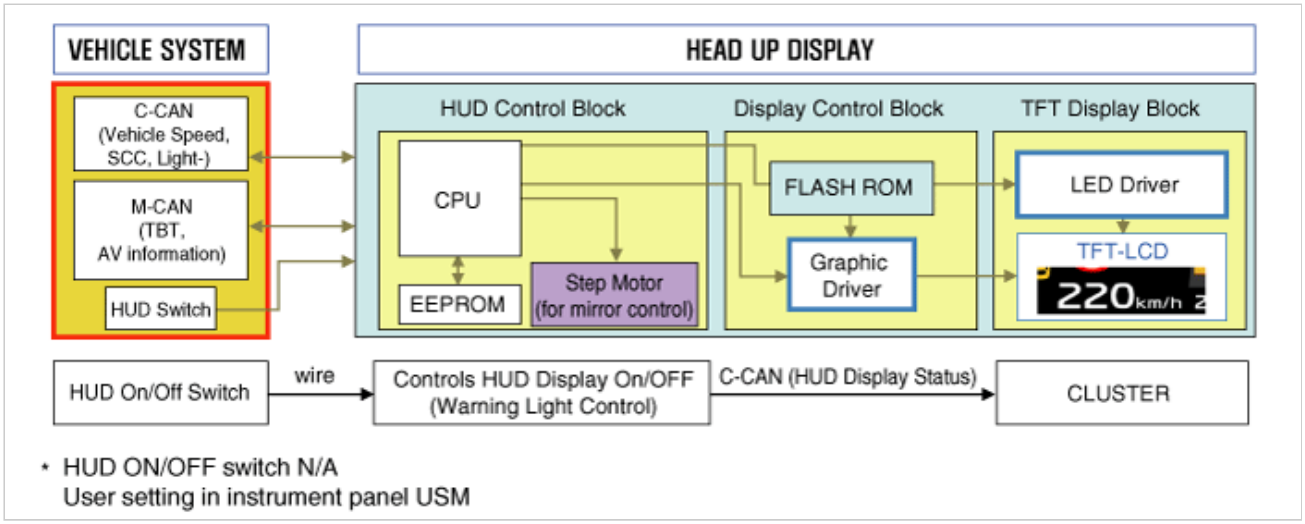
HUD system displays various information on the windshield glass which minimizes the driver's eye movement to enhance safety and convenience.
The Head Up Display reflects the TFT LCD images to two mirrors (flat/concave) and displays them 2.2m ahead from the driver"s eye.
Information provided by HUD ;

(1) Vehicle speed

(2) Integrated (DIS) information TBT (Turn by Turn) navigation information, road signage

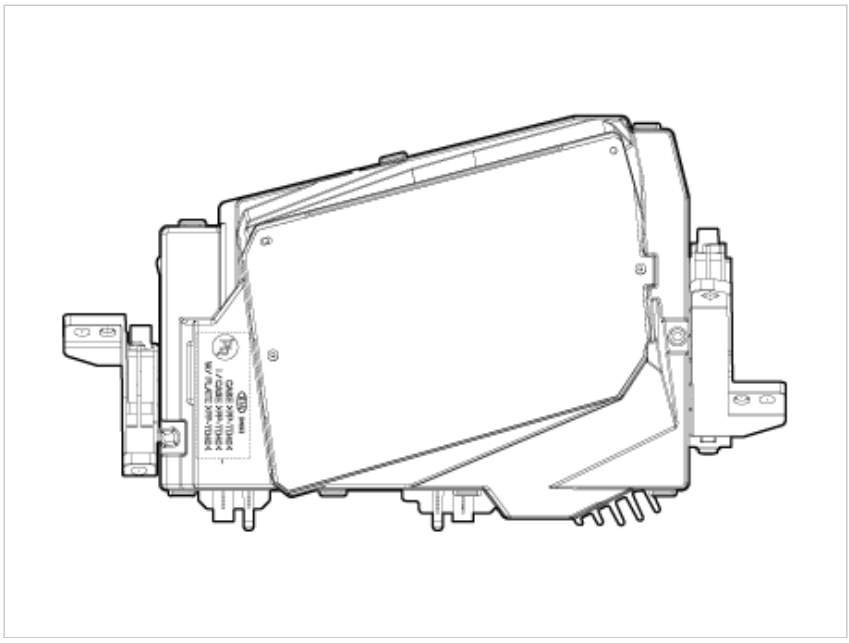
(3) Safety warning lamp: SCC, LKAS, LFW, Blind Spot Warning

2. HUD Display Contents



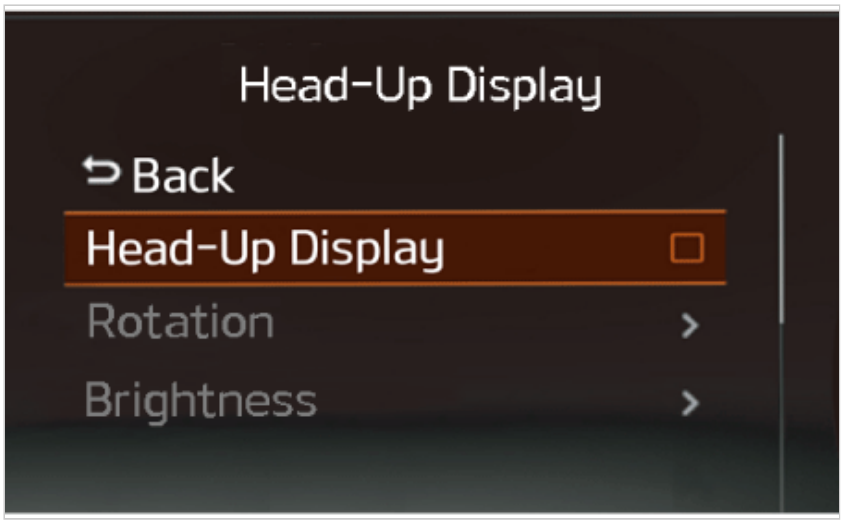
3. HUD Unit

Head Up Display : Output various vehicle system information on windshield glass via CAN



4. Cluster : Select display function in content setting in [Head Up Display] menu.

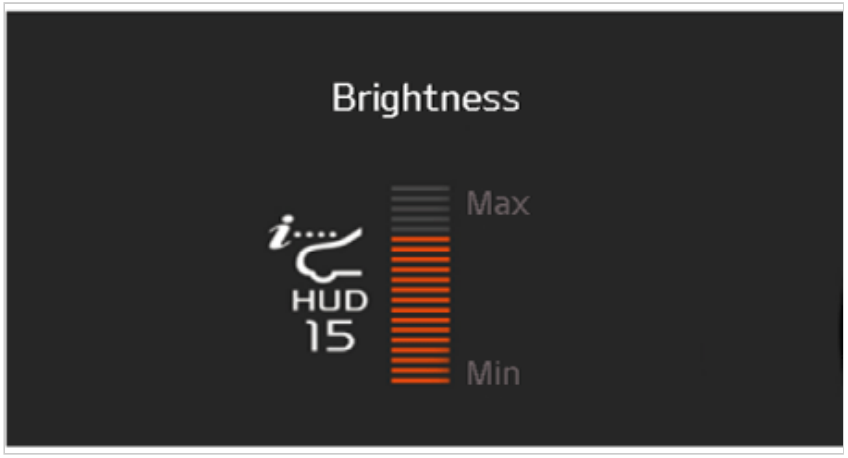
[ON/OFF Setting]



Information

There is no ON/OFF switch for Head Up Display. Enable/disable in user option in instrument panel.

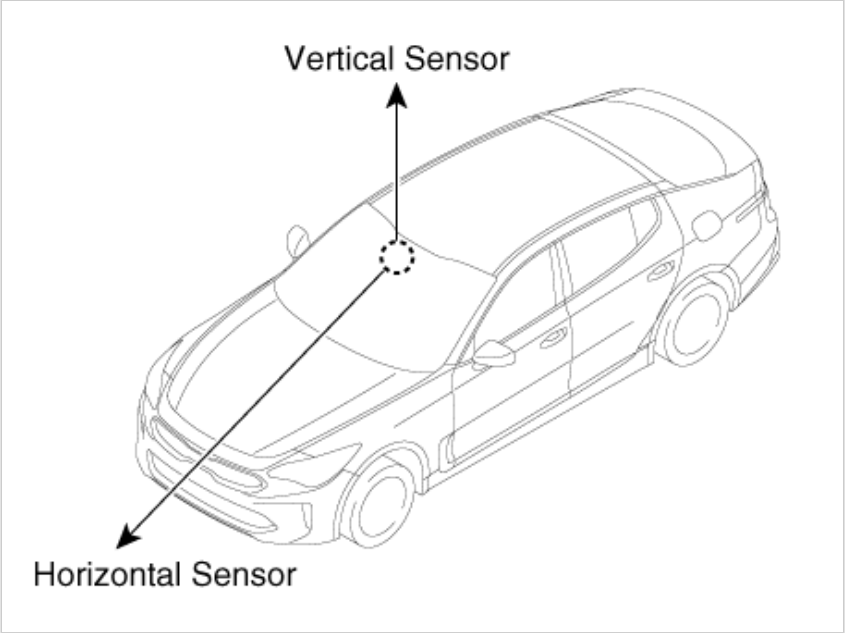
[Display brightness]



Information

Brightness of Head Up Display can be set up in instrument panel.

5. Illumination Sensor : It is equipped with bidirectional (vertical and horizontal) sensor. HUD brightness is controlled depending on horizontal measurement (ambient brightness).
   – Built-in bidirectional illumination sensor



Information

If illumination sensor measurement could not be detected, HUD will not be displayed. Check for normal operation of illumination sensor before inspecting HUD.

6. Windshield glass : Windshield glass exclusive for Head Up Display is built in with double image removal film.

Information

- Use of window tinting film on windshield glass may decrease image quality.
- Image may be distorted or seem dark if driver wears polarized sunglasses.

CAUTION

When replacing front windshield glass, always replace with exclusive windshield glass for Head Up Display. Otherwise, the Head Up Display images may overlap.