

AHB AUTO HIGHBEAM SYSTEM

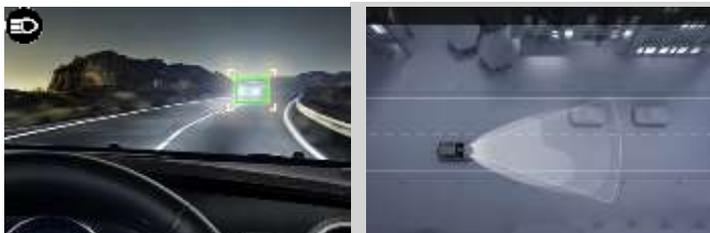


PRODUCT CHARACTERISTIC

Drivers always turn on highbeam to attention and watch distant traffic condition when located without street lights at night or dimly lit road condition. Whether between cars or car & pedestrian in addition to the danger warning horn sounds / to draw attention, the most important is by the "headlight signal"!

KEY FEATURES

- Opposing coming vehicle detection
- Continuous opposing vehicles detection
- Curve road opposing coming vehicle detection
- Reflective traffic sign filter
- Front vehicle detection



APPLICATION EXTENSION:

- Pedestrian, bicycle and other moving objects detection warning system → (highbeam flashing warning)
- Too close to the front vehicle → remind rear vehicle (brake warning flashing light)
- Remind to rolling the lane → backward vehicle warning (automatic turn on left or right signal light)

If we use improperly highbeam when driving, the opposing driver's eyes will suddenly into strongly glare, the screen will result in the immediate to temporary disappearance and cause to dangerous.

In order to enhance the safety of road use, this vision based recognition IHS (intelligent highbeam system), the high-sensitive low lux camera module available installation through the use of the device in the car or outside the car, to detect a vehicle head lights or taillight light, automatically shut down, turn on the high beam, to avoid opposing driver from direct headlight glare was indeed to ensure nighttime driving safety, reduce the incidence of auto accidents.

ECU Specification

System type	Vision-based system
Alerts	Audible and Visual
Working time	Night time
Operating voltage	DC10V~26V
Current consumption	Max 1A
Operating temperature	-40°C~ 85°C / -40°F~185°F
Storage temperature	-40°C~ 105°C / -40°F~220°F

CAMERA Specification

Rated voltage	DC 12V
Supply voltage	9~14V
Current consumption	MAX 100mA
Operation environment	95% RH, -30°C ~ 85°C
Storage environment	95% RH, -40°C ~ 90°C
Image sensor	1/3" CMOS
Min illumination	0.01 LUX @ F2.0
Ratio	More than 52 dB
Angle of view	60°(D)/45°(H)/33°(V)