

整合式行車安全輔助系統

前車防撞、車道偏移與行人偵測警示系統

CHIMEI
MOTOR



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產品規格

產品尺寸	86×122×45mm
輸入電壓	DC8V ~36V
輸入電流	<1A
操作溫度	-40~105°C
鏡頭模組	CMOS
數位格式	720p
光學格式	1/3"+5G
動態範圍	115dB
鏡頭視角	D53° ×H42° ×V32°

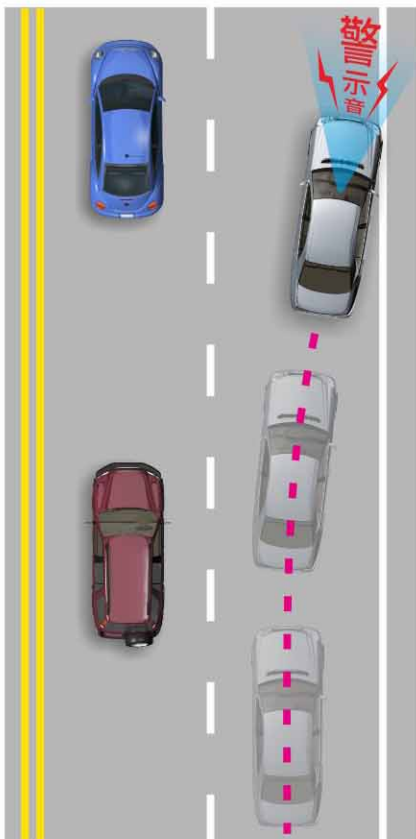
產品功能

- 前車防撞警示系統 (FCW) :
本車與前方車輛未保持適當安全距離時，當有碰撞風險時藍色警示燈閃爍，並發出警報音^I。
- 車道偏移警示系統 (LDW) :
當車輛未打方向燈或打錯誤的方向燈並跨越車道線時藍色警示燈閃爍，並發出警報音^{II}。
- 行人偵測警示系統 (PDW) :
當車輛行駛時，在可能撞上前方靜止或移動之行人時，藍色警示燈閃爍，並發出警報音^{III}。

產品特點

- 本模組集成攝像頭 / 辨識主機 / LED警示開關 / speaker 於一體。
- 系統正常運作時之狀態指示燈為藍燈恆亮。
- 系統出現異常而無法正常運作之狀態指示燈為黃燈恆亮。

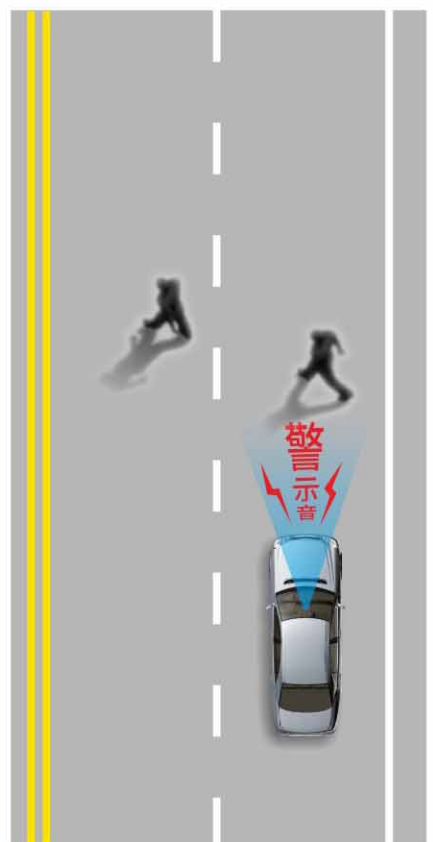
車道偏移警示系統示意圖



前方防撞警示系統示意圖



行人偵測警示系統示意圖



Integrated multifunction vision ADAS



Front collision, lane departure
& pedestrian detection warning system



CHIMEI MOTOR ELECTRONICS CO., LTD.
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Specification

Product Size	86×122×45mm
Import Voltage	DC8V ~36V
Import Current	<1A
Operating Temperature	-40~105°C
Sensor Format	CMOS
Resolution	720p
Lens Formate	1/3" +5G
Dynamic Rang	115dB
Camera FOV	D53° ×H42° ×V32°

Function

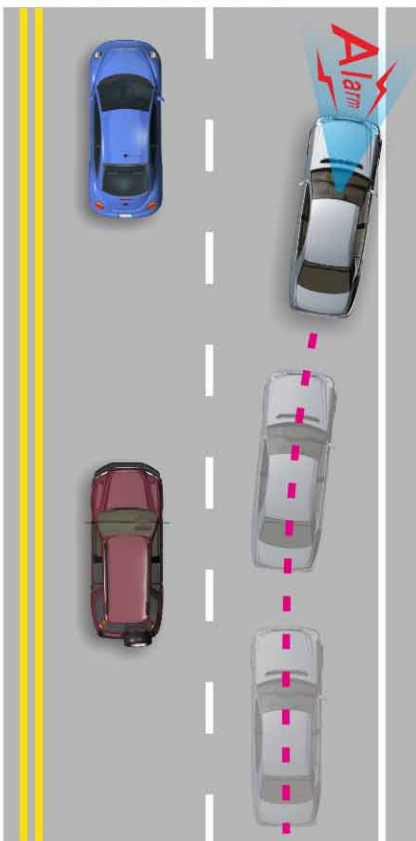
- **Front collision warning system (FCW) :**
The driver who does not maintain an appropriate safe distance with the front vehicle, when the collision risk occurred, the blue warning light and warning sound issue from the device at the same time.
- **Lane departure warning system (LDW) :**
When the driver does not turn left and right signal on (or has a wrong turn) to across the lane line, the blue warning light and warning sound both appears from the device.
- **Pedestrian detection warning system (PDW) :**
Pedestrian detection warning is an aid to assist the driver when there is a risk of colliding with a pedestrian in front that are stationary or moving in the same direction as your vehicle.

Features

- The module integrated with camera / ECU / status LED indicator switch / speaker in one unit.
- Once the system is in normal operation, the status LED indicator is constantly blue.
- The status indicator shows constantly yellow, means the system is in exception and cannot work normally.

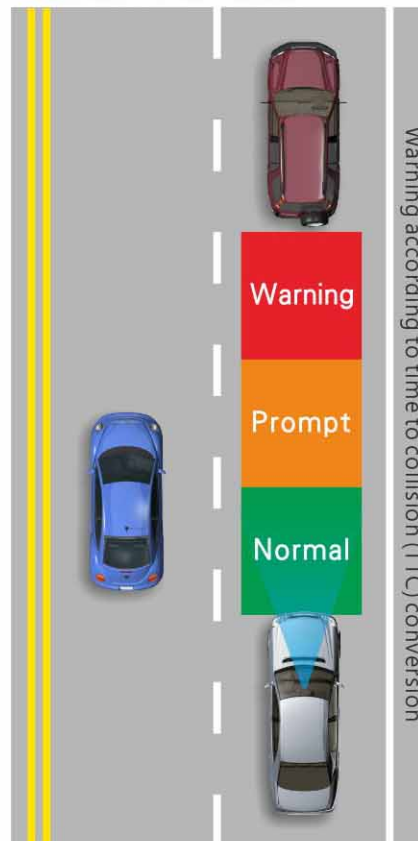
Lane departure warning system (LDW)

Function Illustration



Front collision warning system (FCW)

Function Illustration



Pedestrian detection warning system (PDW)

Function Illustration

