SAI-988 Function Description

● Support lane deviation warning system (LDWS), front blind spot detection (FBSD), left / right inner wheel difference blind spot detection (BSD), rear blind spot detection (RBSD), moving object detection (MOD).

● Support AHD 720P/1080P, TVI 720P/1080P video input, image recognition, identify objects such as people, cars, motorcycles, bicycles or obstacles, and calculate the distance, position and direction of movement to the object at the same time.

● Support AHD 720P/1080P, TVI 720P/1080P video output, display object identification.

● Support LED warning lights, flashing warnings when objects are identified in a specific range.

● Support the buzzer alarm sound output, and the object is recognized within a specific range to emit a warning sound.

- Support CAN/vehicle speed input to judge driving speed.

- Support security system personnel entry and exit detection.

SAI-988 Specification Table：

Item	Parameter	Description
Power Input	9V ~ 36V	Input voltage is +9V ~ +36V.
Operating Temperature	-40°C~+85°C	Ambient temperature under well-ventilated conditions.
Storage Temperatur	-40°C~+85°C	
Operating Humidity	20% ~ 80%	
Power Consumption	MAX 2.4W	Output voltage 12V, maximum current 200mA.
Video input/output	720P@30fps	AHD Video In/Out
CAN rate	500kbps	CAN transmission rate
Signal input	0 ~ 15V	Alarm line, Trigger line, Speed line, etc.
Dimension	147 x 80mm	Above dimensional drawing
weight	254.5g	
Output interface	CAN、UART	

Maximum Warning Range:

Detection object		Car	Truck	Large Car/Bus	Motorcycle / Bicycle	Pedestrian
Horizontal perspective	Maximum Warning Distance					
	70	>15m	>15m	>20m	>8m	>8m
	110	>8m	>8m	>12m	>5m	>5m