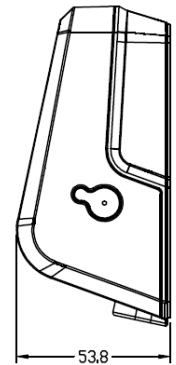
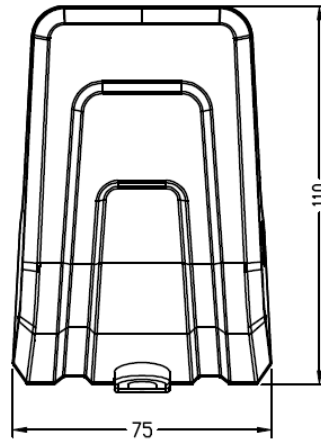


ADAS image



Dimension (Unit: mm)



ADAS camera specification

No.	Items		Parameters
1	Sensing parameters	Sensor	1/2.8"1920*1080 CMOS
		Shutter	1/50 seconds to 1/100000 seconds
		S/N	>42dB
		Minimum illumination	0.1 Lux
2	Imaging lens	Focal length	8MM (The amount of passed light is F1.8)
		Size	M12
3	Video parameter control	Wide dynamic	Not support
		Gain control	Auto
		White balance means	Auto
		Backlight compensation means	Support (Default is off)
		Mirror adjustment	Support (Default is off)
		Exposure mode	Support (Default is auto)
4	Video output	AHD	1080P
5	Security level	Riot class	Not require
		Protection class	Not require
6	Power	Power supply	DC12V, DC7V-DC15V With anti-reverse function to meet the vehicle application requirements.
		Power consumption	Less than 1.5W

AI Box (Artificial Intelligence Box)



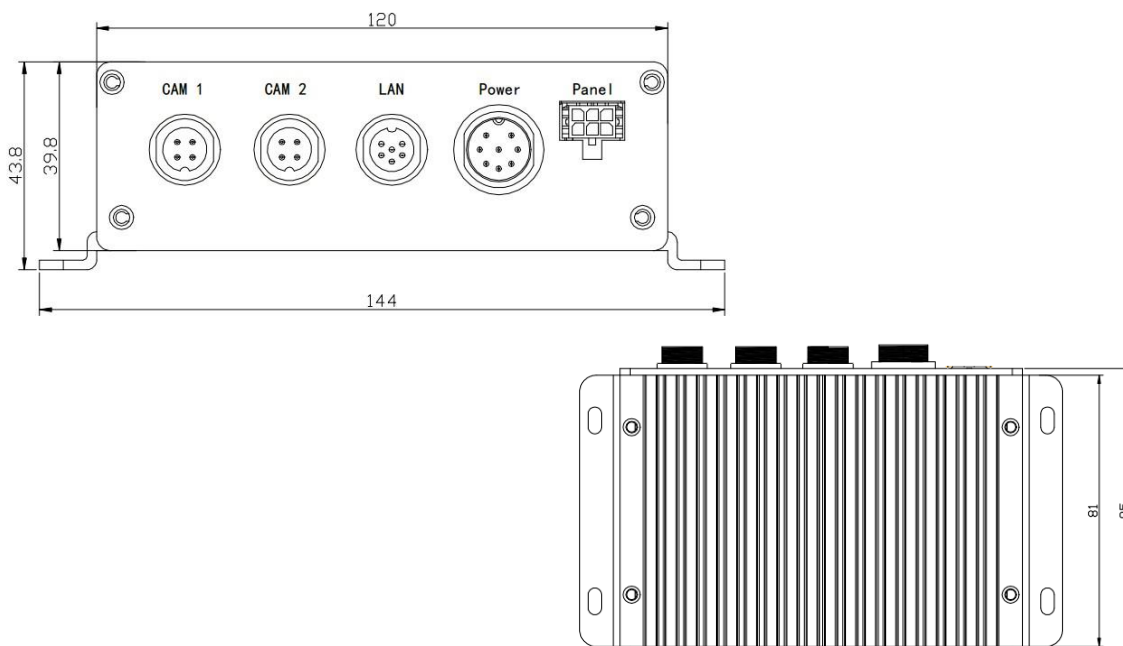
Intelligent analyse box image



Intelligent analyse box specification

No.	Items	Parameters
1	Platform	Qualcomm APQ8053/ MSM8953
2	CPU	ARM Cortex-A53 microprocessor cores at 2.0 GHz
3	GPU	650MHz
4	System memory	System memory 16GB eMMC + 2GB LPDDR3
5	Operating system	Android7.0
6	Audio	1 channel analog audio output
7	Video	1channel AHD 720P+1channel AHD 1080P
8	Power output	10W
9	Network communication	PON interface
10	RS485	For speed input
11	Power input	8~36V
12	Supply current	Max.5A (Peak value)
13	Operating temperature	-40~+70°C

Intelligent analyse box dimension (Unit: mm)



1 Size Diagram

Diagonal dimension: 1.4" inch



Front



Rear

2 Basic Application

It is installed in the car to provide the driver with real-time driving assistant information display, combined with sound reminding and warning.


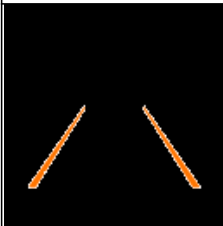
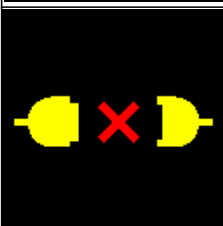

3 Features




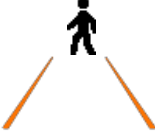




- Support local upgrades, remote upgrades
- The size of the upgrade package is no more than 25MB
- Support remote troubleshooting with maintenance server
- Installation tools and cables can be used in general






4 Specification

Display	Diagonal dimension	1.4" inch
	Resolution	128*128
	Brightness	400cd/m ²
	Optical sensor	Support
	Lens material	Glass
	Communication	RS485
Buzzer	Buzzer	Built-in, adjustable volume, no less than 80dB
Power specification	Power	5V-12V DC
	Power consumption	Undetermined
Panel interface	Connection length	3m
	Connector type	Hardware reservation interface

5 Icon Meaning

	<p>System Initialization</p> <p>The system is initializing.</p>
	<p>System Activation Indicator</p> <p>The system has been activated.</p>
	<p>System Offline Indicator</p> <p>The system is offline.</p>
	<p>Front Collision Warning</p> <p>Indicates possible collision with the vehicle in front.</p>

	<p>Headway Distance</p> <p>A two-digit number that reflects the headway, it is measured by seconds, means collision will happen if continue driving with current speed, Only values of 2.5 seconds or less will be displayed.</p> <p>Green indicates low level alert headway.</p>
	<p>Red indicates high level alert headway.</p>
	<p>Pedestrian Collision Warning</p> <p>Indicates possible collision with pedestrian.</p>
	<p>Pedestrians in the Danger Zone</p> <p>A pedestrians have been detected in the "danger zone"; time to collision is not critical.</p>
	<p>Left/Right Departure Alert</p> <p>The left or right departure indicator will flash for 1 seconds when the vehicle unintentionally departs from the driving lane.</p>
	
	<p>Speed Limit Indicator</p> <p>The detected speed limit signs are displayed in the form of large icons.</p>
	<p>Driver Fatigue Warning</p> <p>Indicates that driver fatigue occurs during driving.</p>

	<p>Hand Phone Warning</p> <p>Indicates that driver is using cell phone.</p>
	<p>Driver Smoking Warning</p> <p>Indicates that driver is smoking.</p>
	<p>Driver Distraction Warning</p> <p>Indicates that driver is distracted.</p>
	<p>No Driver Warning</p> <p>It means that the driver left the driver's seat or deviated from his seat too far.</p>
	<p>Multi Information Display</p> <p>Vehicle distance, speed limit sign (upper left corner), pedestrian collision warning (upper middle), DSM alarm (upper right corner), etc. can be displayed on the display screen simultaneously.</p>