

Advanced Driver Assistance Systems (ADAS)



QH-AD20

Key Features

- Driving Assistance Terminal
- AEC-Q100 Vehicle Industrial Grade
- Appearance Highly Science-Fiction
- Safety Warning Accurate & Timely
- Lane Departure Warning
- Remind the driver to correct unconsciously departure lane
- The driver opens the steering it will not warning sound
- The sensitivity of the function can set according to demand
- Front Collision Warning
- Reminds the driver of the safety distance from the front vehicle
- According to the relative speed of the vehicle to measure safety braking time
- The driver can set security reminder time according to the driving habit

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Factory Address: 12/F,C area, HuiLongDa Industrial Park,Shiyan street,
Baoan district,Shenzhen city, Guangdong province, China.





Specification

Item	Parameter	Performance
Name	Module	DAT QH-AD20
Video	Sensor	AEC-Q100 qualified 1/3"megapixel color HDR OV10635 sensor
	Effective Pixels	HD 720P 1280x720, Active array size 1280x800
	Signal Standard	Voltage:1.0Vp-p, Input / Output Impedance:75 Ω
	Video Standard	PAL Mode, NTSC Mode
	Image Transfer Rate	25 Frame / Sec PAL, 30 Frame / Sec NTSC
	Low Light Sensitivity	best-in-class of 3650 mV / Lux-Sec
	Lens	6mm short back focal length anti-halation filter lens
	View Angle	Horizontal 54.9±5%degree, Vertical 30.8±3%degree
Audio	Audio Pickup	Single microphones 12M ² voice pickup
	Audio Output	Output power 2.8Wat, PSRR (dB) 85dB
	Audio Sensitivity	-45dB
	Frequency Response	20Hz~20kHz
	Signal Processing Circuit	Clear speech professional audio processing circuit
Warning and Reminding Condition	System Base	Vehicle start displacement / Vehicle launch by the engine start
	Lane Departure Warning	Active speed is 40~80km/h, Setting on the smartphone APP
	Front Collision Warning	Active speed is 0~80km/h, Setting on the smartphone APP

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Interface	Power	DC 8~36V, Protect the vehicle battery, Max power requirements: 3.8 Watt
	Power Delay	Working 5 sec after power off to protect the system data
	ACC (Car Keys Signal)	Car Keys On> 7.5 V, Car Keys Off< 6.0 V
	Video	Aviation interface, Voltage:1.0Vp-p, Input / Output Impedance:75 Ω
Size & Weight	Serial Port	1Ch RS232, the baud rate is 20Kbps, +3~+15V is 0, -3~-15V is 1 2Ch RS485, 10Mbps max transfer rate, +3~+6V is 0, -3~-6V is 1 1Ch RS485 for screen (No screen can use), 1Ch RS485 reserve
	Mainframe Size	LxWxH: 100x105x45 mm
	Package Size	LxWxH: 160x140x85 mm
	Package Weight	550g

Product Size







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This Product can work with:

8ch 720P HDD Mobile DVR	4ch 1080P single SD card MDVR	4ch Dual Micro- SD card Car DVR	4ch 1080P Dual SD card Mobile DVR
			

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