

360° Around View System



QH-ME360T

Key Features

1. The 360-degree panoramic image specially developed for trucks and special vehicles, its own 360-degree splicing algorithm for carts, small size, high integration, wide temperature design, and the working temperature can reach -30~70 degrees.
2. The product complies with the ISO-7637 standard, in line with the vehicle power supply specification, DC10-36V wide voltage design, anti-reverse connection design, strengthened TVS+ESD design, the main power supply has Farad capacitors, to ensure the reliability of illegal power-off video.
3. The product supports a variety of video outputs and supports CVBS/VGA/AHD.
4. The product supports the intelligent voice and voice control system specially developed for the cart 360 panoramic image system, which can control the 360-degree panoramic image through voice to ensure driving safety.
5. The product supports its own algorithm. Through the sensor in the host, the 360-degree panoramic image can be displayed automatically according to the application scene.
6. The product has two storage designs, supports SD card storage, is small in size, has low power consumption, and super shock resistance.
7. The product supports the electronic rearview mirror product mode. The host has a unique dual AHD output function, which can display 360 images on two screens at the same time. There is a special software designed for electronic rearview, which supports vehicle speed detection, which can be realized in the setting. When the speed is fixed, the output control signal controls the display switching of the electronic rearview mirror.
8. The product supports a 4-channel AHD720P camera function, supports dual AHD output at the same time, all the way to the 360 hosts and the other to the DVR host.

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Specification

Electrical parameters	Product power consumption	The maximum power consumption of the whole machine is 10W, and the working voltage is DC10-36V.	
	Power protection	It has an anti-surge function, anti-reverse connection function, low-power protection, short-circuit overload protection.	
Video output interface	AHD video output 【Optional】	Support, standard GX12-4P female, dual 720P_25 or 30 frame output.	Support, standard GX12-4P female, dual 720P or 1080P 25 or 30 frame output. output.
	CVBS video output	Support, standard GX12-4P aircraft female head.	
	VGA video output	Support, standard DB15 female, built-in DC12V regulated power supply, serial communication function.	
	AHD video output 【Optional】	Support, 4-channel car camera source image output function, standard GX12-4P female interface, 720P or 1080P, determined by the camera.	
Video input interface	AHD video input	4-channel 720P_AHD camera input, standard GX12-4P aviation male connector, DC12V regulated power supply.	4-channel 1080P_AHD camera input, standard GX12-4P aviation male connector, DC12V regulated power supply.
CAN communication function	Functions and Features	High-speed CAN bus transceiver, in line with the ISO11898 standard, low power consumption management.	
Storage function	MSATA_SSD storage	SSD storage that supports MINI PCI-E. Capacity 128G-2TB.	
	SD_CARD storage	Standard SD_CARD storage function, support 8-256G.	
Physical Specifications	Product Size	Length*width*height=100*130*29 (unit: mm).	
	product weight	The weight of the host: 0.4KG; the whole machine: 2.9-4KG (the difference in weight is the length of the wire harness).	
Camera parameters	camera voltage	DC8-16V.	
	Camera power consumption	Single-camera 0.5-1W.	
	Resolution	AHD1280*720P.	AHD1920*1080P.
	Operating/Storage Temperature	Working temperature: -30°C~+70°C; Storage temperature: -40°C~+85°C.	
	video frame rate	Capture frame rate 30 FPS/sec.	
	waterproof level	IP68.	
	low light	0.01Lux.	
	Vibration/Shock	Complies with MIL-STD-810F, Method 516.5	
Recording parameters	Video format	H264	H265
	Video resolution	4 channels plus 1920*1080P.	
	file size	1.2GB/hour.	
Host parameters	IP protection class	IP51.	
	Operating temperature	-20~70°C.	
	storage temperature	-40~80°C.	
	Vibration/Shock	Complies with MIL-STD-810F, Method 516.5.	
	Airframe material	Body, high-quality aluminum alloy, surface oxidation drawing process.	

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