

3-Channels AI intelligent 4G Dash Camera

1、Product picture and features



Front

back



2、Product Features

- H.265 & H.264 encoding and decoding;
- Front high-definition 1080P cameras and Rear 720P cameras, plus extended 1-channel 720P cameras, simultaneous recording inside and outside the car;

- Built in AI intelligent algorithm, which can support ADAS and DMS functions;
- Support GPS + Beidou dual-mode precise positioning;
- support 1 emergency alarm input;
- Support 1 TF card, up to 512GB;
- super capacitor double guarantees the integrity of video files;
- Support 4G, it can support global frequency band (optional);
- Support WiFi hotspot(Optional).
- Support mobile app, client, preview video and parameter configuration;
- Built in speaker and microphone, Support voice intercom between dash camera and platform;
- Special file system to improve disk reading and writing efficiency, More stable video recording;

3、Specification Parameters

ITEM	Technical Specifications	
	2CH	3CH
CPU	Dual-Core processor@1.5GHz, Total coding resources 1080P@75fps. NPU@1.0TOPS neural network acceleration engine	
Memory	2Gb DDR3	
Video Input	Active Pixels: 1920x1080, 1080x720, H.264&H.265 format	
	Front camera:1080P, Horizontal 115 degree wide-angle, Rear camera: 720P	1ch 1080P + 2ch 720P Built-in 2-channel camera, 1-channel expansion: AHD 720P@25fps
Configuration	Support mobile APP preview and setting	
Audio input / output	Built-in MIC and speaker, G.711a format	
Video recording resolution	1-ch 1080p*25fps+2-ch 720P@25fps, Simultaneous recording of sound and video.	
G-Sensor	Built-in 3-axis acceleration	
External interface	1-ch RS232(Not standard), reserved for communication with peripherals	
Alarm Inputt	1CH SOS Emergency alarm	1CH SOS Emergency alarm
Positioning module	GPS / Beidou Positioning Module	
4G	Built-in 4G module, support 1 Micro Sim card, TDD-LTE and FDD-LTE	
WIFI	Optional support, 2.4G, 802.11b/g/n, AP mode	
Storage	Support 1 TF card, Support 16G/32G/64G/128G/256GB/512GB	
USB	Micro USB, support usb wifi dongle	
Upgrade	TF card and OTA	
AI - ADAS	Lane departure, collision alarm, Distance detection, pedestrian detection etc	
AI - DSM	Fatigue driving detection, Smoking, call mobile phone, Occlusion, Unsafe driving behavior habit detection	
AI - BSD	Vehicle blind spot pedestrian detection	
Input voltage	DC:+10V ~ +36V	

Power consumption	Normal working state < 5W (without external equipment)
Power off protection	Super capacitor design, support abnormal power failure, ensure the integrity of video files
Working Temperature	-25°C to +70°C
Working relative temperature	20% to 80%
Communication protocol	JT/T808-2011, JT/T808-2019, CMSV6
Equipment size	120mm*77mm*55mm
Host machine Net weight	260g