D19 dash cam specifications

1. Appearance

2. Product Features

- Adopting H.264 or H.265 encoding and decoding;

- Front and rear dual camera: front lens 1080P, rear lens 1080P (supporting DMS and ADAS);

- Support 1 TF card storage and 512G capacity;

- Support 1 emergency alarm button;

- Support 1 channel of I/O alarm output;

- Support functions such as 4G and GPS (external Gmouse, TTL);

- Support mobile apps, and platform software to preview videos and configure parameters;

- Built in speaker and microphone, supporting bidirectional voice intercom between device and platform;

- Support AI intelligent algorithm, supporting ADAS, DMS, and driver facial

recognition detection

- Built-in WiFi for viewing videos and configuring parameters

- S22 supports 2 x RS232, 1 x 5V and 1 x 12V outputs

3. Product specifications

Item		Parameters
System	Language	English
	Operating system	Linux
	Interface	Web or mobile app
Processor	CPU	ARM Dual-Core processor@1.5GHz
	Memory	DDR 2Gb
	Flash	2Gb
Video/Record	Video input	Front 1080P, horizontal 105 °, vertical 62 °; Rear 1080P, horizontal 122 °, vertical 63 °.

	Video format	H.264/H.265
	Resolution	1080P, 720P, D1 optional
	Quality	Available in levels 1-4
	Record Mode	Record on startup
Audio	Audio input	Built-in MIC
	Audion output	Built-in amplifier, built-in 2W speaker
	Audion format	G.711A
4G		Built in 4G, TDD-LTE, FDD-LTE
WiFi		Built-in WiFi for viewing videos and configuring parameters
GPS		Gmouse GPS
G Sensor		Built-in 3-axis acceleration sensor
SOS		Support
I/O output		Supports 1 I/O alarm output
Serial port		S22 supports 2 RS232. Can be connected to oil level sensors, RFID card readers, etc
Upgrade Firmware		Support TF card and FTP firmware upgrade
Port	TF Card	Maximum support for 512G TF card
	USB	Support
	SIM Card	1 SIM card Port
AI algorithm (3 options 2)	ADAS	FCW, LDW, HMW, PCW
	DSM	Smoking, making phone calls, yawning, tired, dozing, distracted, driver not detected, blocking cameras, sunglasses identification
	Face recognition	FR
Power	Management	Adaptive broadband power input with protection functions such as overload, undervoltage, short circuit, and reverse connection.
	Input voltage	DC:+9V ~ +36V
	Consumption	Normal work ＜ 5W (without peripherals)
Environment	Temperature	-20℃ to +70℃
	Humidity	20% to 80%
Network/Platform		JT/T808-2013, JT/T808-2019, JT/T1076-2016, JT/T1078-2016
		UVMS, CMSV6