

DATA SHEET

4G SMART GPS DASHCAM

Model: LCD09

APPEARANCE		
Shell Material	Plastic	PC+ABS
Cable harness	Main cable	Power Positive: red Power Negative: black
		ACC: orange
		Relay(coming soon) RS232 TX(coming soon) RS232 RX(coming soon)
	AHD Camera	AHD camera *2
Interface	SIM card slot	Micro SIM
	SD card slot	
	USB interface	Micro USB 2.0, for debug
Button	Power	Power on/off, press and hold for 8 seconds to reset
	Volume +	
	Volume -	
One LED (4 colors)	Green solid on	Power/ACC/Network/SD card Working Normally
	Red flashing	The system is starting
	Red solid on	Device error in below circumstance: 1. Camera error 2. SD card error or no detected 3. SIM card error
	White solid on	Under installation calibration mode, WIFI is connected
	Yellow flashing	SIM card detected but fails to connect to network
	Off	Power error or in IPO mode
PERFORMANCE		
Temperature	Operating temperature	-20°C to 70°C
	Storage temperature	-30°C to 85°C

Humidity	Operating humidity	95%
	Storage humidity	95%
Power	Operating voltage	11–36V
	ESD protection	Contact: $\pm 7\text{KV}$; Air: $\pm 14\text{KV}$
	Reversed connection protection	Protects against positive-negative reversed connection
Flame retardancy	Main unit	UL94 V-0
	Accessories	UL94 V-0
NETWORK		
Version 1	4G LTE	BAND 1/3/5/7/8/20 BAND 38/39/40/41(100Mhz)
	WCDMA	BAND 1/8
	GSM	GSM900/1800MHz
Version 2	4G LTE	BAND2/4/5/7/28 BAND 38/39/40/41(100Mhz)
	WCDMA	BAND 2/5
	GSM	GSM 850/1900MHz
HARDWARE		
CPU	MTK8665	Quad-core ARM® Cortex-A53MPCore™, operating at 1.5ghz LPDDR 3 can be up to 3GB, 640 MHz
GPU	✓	Dual-core Mali – T720 GPU
RAM	1GB	
ROM	8GB	
Main Unit Camera	Build-in	MIPI / 1920x1080 / 25FPS
External Cameras	External	AHD / 1280x720 / 25FPS *2
SD Card Memory	✓	1*TF card (Max. 512G), Format FAT32, Class 10 or upper
SIM card	✓	1*Micro SIM
G-Sensor	✓	TDK40608, 6-axis
Communication Network	Build-in	2G, 3G, 4G
GNSS Antenna	Build-in	GPS+BDS
Bluetooth	Build-in	BT4.0
WIFI	2.4G	802.11b/g/n
Speaker	✓	2W, MAX 90db
MIC	✓	

External Interface	1*RS232	(coming soon)
Main Unit Size	85*68*47.2mm	
Main Unit Weight	120g	
SOFTWARE		
Operating System	Android 5.1	
Language	English, Chinese	
Audio	AAC	
Video	Format: MP4	Codec: H.264
Power Consumption	Normal working: 200~800mah	ACC ON
	Standby average power: 5ma	ACC OFF
CERTIFICATION (pending)		
CE	√	
FCC	√	