

DATA SHEET

4G ADAS DMS 2CH DASHCAM

Model: LCD02

APPEARANCE		
Shell Material	Plastic	PC+ABS
Cable harness	Main cable	Power Positive: red Power Negative: black
		ACC: orange
		RS232 TX: RS232 RX:
		L-turn: left turn signal cable
		R-turn: right turn signal cable
	DMS or AHD	DMS or AHD camera
Interface	SIM card slot	Micro SIM
	SD card slot	
	USB interface	Micro USB 2.0, for debug
Button	Power	Power on/off
	Volume +	
	Volume -	
One LED (4 colors)	Green solid on	Working Normally
	Red flashing	1. The system is starting or 2. Failed to power on
	Red solid on	Device error in below circumstance: 1. Wrong IMEI no. 2. Wrong camera number or no AHD connected 3. SD card error 4. SIM card error
	Blue flashing	Under calibration mode, WIFI hotspot is on and waiting for connection
	Blue solid on	Under calibration mode, WIFI is connected
	Yellow flashing	SIM card detected but failed to connect to network

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: ±7KV; Air: ±14KV
	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	
ADAS Camera	Build-in	MIPI / 1920x1080 / 25FPS
DMS Camera	External	AHD / 1280x720 / 25FPS
SD Card Memory	√	1*TF card (Max. 512G), Format: FAT32
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	
SOFTWARE		
Operating System	Android 5.1	
Language	English	
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	√	