

4G ADAS DMS 4CH Dashcam

Model: LCD03

LCD03 adopts the MTK pre-loader chip MT8666, which is a highly integrated 4G+720pAVM + DMS + GPS + Wi-Fi + BT + DVR features, 12nm advanced technology, low power consumption, Android 10 operating system, working temperature from -40°C to 85°C. It supports ADAS and DMS together extra 2 AHD cameras for live streaming, AI alarms, video recording, SOS alarm, etc.



MARKET APPLICATIONS



Dump Trucks



School Bus



Fuel Trucks



Delivery Trucks

MAIN FEATURES

Global Network 4G + 2G, WIFI Hotspot for APP settings

Two-way Communication, Voice Listening

H.264 Video Compression

Multiple Alerts

ADAS/DMS/Tow/engine status changing/vibration/overspeed/external power removed alerts, etc

SOS button for Emergency

DMS/ADAS AI for Active Safety

Built-in Android 10 System

Sudden Power Shortage Protection on Videos

Support 1 * TF Card 512GB at Max(About 100H recording 4CH)

Backup 400Mah Battery for 20+ Hours Online (Optional)
RS232 Interface for RFID/TPMS

Live streaming video & photo

OTA

GSM SPECIFICATIONS

GSM frequency	Version 1:
	4G BAND 1/3/5/7/8/20 BAND 38/39/40/41(100Mhz)
	3G BAND 1/8, GSM900/1800MHz
	Version 2:
	4G BAND2/4/5/7/28 BAND 38/39/40/41(100Mhz)
	3G BAND 2/5, GSM 850/1900MHz

GPS SPECIFICATIONS

Chipset	MTK
RF Channel	GPS + BDS
Location accuracy	<=5 meters
Tracking sensitivity	-162dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg. hot start≤1sec
	Avg. cold start≤32sec

OTHERS

LED indicator	1 with 4 colors(Green, Red, Blue, Yellow)
Working voltage	12VDC / 24VDC
CPU	MTK8666, Quad-core ARM® Cortex-A3MPCoreTM, operating at 2.2Ghz + Quad-core ARM® Cortex-A53MPCoreTM, operating at 2.2Ghz, LPDDR 3 can be up to 4GB, LPDDR 4X can be up to 8GB
Sensor	TDK40608, 6-axis
SIM Card	Micro SIM
Storage	1*TF card (Max. 512G), Format: FAT32, Class 10+
Resolution	ADAS: 1080P/25FPS, DMS: 720P/25FPS, 2* AHD Cameras: 720P/25FPS
GPU/RAM/ROM	Dual-core Mali - T720 GPU/1GB/8GB
WIFI/BLUETOOTH	2.4G(802.11b/g/n), BT4.0
Wires	Power +&-, ACC, SOS +&-, 1* RS232
MIC/SPEAKER	With Microphone, Speaker: 2W, MAX 90db
Server	Up to 2 Servers Connection
Buttons	Power, Voice+, Voice -
Operating temperature	-40°C~ 85°C
Size	80mm*60*50mm
Weight	302g
Certificates	CE, FCC