

4G ADAS DMS 4CH MDVR

Model: LCD03

LCD03 is a new generation of video surveillance products integrating video and positioning, active safety alarms. It has rich functions and strong expansibility, adopts a high-speed processor and embedded operating system, combined with H.265 video compression, satellite positioning, RS232/RS485 serial port, 3G/4G network, unique SIM&SD card locks, etc.



MARKET APPLICATIONS



Renting Cars



School Bus



HMT Vehicle



Delivery Trucks

MAIN FEATURES

Support Multiple Types of Communication Protocols

H.265 Video Compression, G711A Audio Compression

Remote Engine Shutdown / Restore

Global Network 4G + 3G + 2G, WIFI Hotspot for APP settings

Support 2 * SD(upto 256GB)

Two-way Communication, SOS button, Relay, 6 Inputs

4CH Audio-Video Input upto 1080P, 1CH IPC Screen
Remote Controller for Screen Settings

Multiple Alerts

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

DMS/ADAS/BSD AI for Active Safety

Sudden Power Shortage Protection on Videos

Multiple Interface for peripherals

Temperature and Humidity sensor, Ultrasonic oil sensor, RFID Reader, etc.

OTA

GSM SPECIFICATIONS

GSM frequency	Version 1: FDD:B1/B3/B5/B7/B8/B20 TDD:B40 WCDMA:B1/B5//B8 GSM:B3/B8
	Version 2: FDD:B1/B2/B3/B4/B5/B7/B8/B28 TDD:B40 WCDMA:B1/B2/B4/B5/B8 GSM:B2/B3/B5/B8
GPRS	Class 12, TCP/IP
Max output	GPRS: Max 85.6Kbps(DL) / Max 85.6Kbps(UL) FDD-LTE: non-CA Cat1, Max 10Mbps(DL)/Max 5Mbps(UL) TDD-LTE: non-CA Cat1, Max 8Mbps(DL)/Max 2Mbps(UL)
Max frequency error	±0.1ppm
Receive sensitivity	Class II RBER2%(-102dBm)

GPS SPECIFICATIONS

Chipset	SMA Interface
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	POWER, NETWORK, GPS, SD1, SD2
Working voltage/current	8-36VDC
Operating temperature	-20°C ~ 70°C
Sensor	3D G-Sensor
SIM Card	Normal SIM
Storage	2*SD//SDHC Cards(Max. 256GB), 4CH Recording about 1GB/Hour
Resolution	1080P/720P/4CIF/CIF
Server	Up to 6 Servers Connection
Wires	Power +&-, relay, ACC, SOS +&-, 4 Inputs, 3 Outputs, Microphone +&-, Speaker +&-, 1* RS232, 1*RS485, GPS, GSM, 4CH, 1 CVBS
Power Switching	ACC ON Auto Power ON, ACC OFF Delay Power OFF, Pre-set timing
Size	140mm*132mm*48mm
Weight	540g