

Automobile Surveillance MDT 2104 DVR+GPS series

BioSis

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Mobile DVR

Features

- ▶ **Quick bootup and prolonged recording after switch off.**
- ▶ **System boots up approx. 30 seconds after engine start.**
- ▶ **System can prolong recording for approx. 1 - 10 minutes after engine shut down.**
- ▶ **H.264 codec compression**
- ▶ **Support Multi-Language, GUI, USB flash drive for back up and hardware upgrades**
- ▶ **GPS/G-Sensor/TPMS/data log**
- ▶ **4G networking with VMS software**
- ▶ **Professional software for PC side playback and tracking application**

The Biosis MDT 2104 GPS next generation Mobile Digital Video Recorder have been updated with state-of-the-art anti-vibration design which will prevent mechanical failure due to vibration. It has a quick bootup of 30 seconds and prolong recording function of up to 10 minutes after vehicle switch off.

To maximize video storage, H.264 video codec compression has been implemented and Graphical User Interface will ease the operation by control depot and also user.

Besides video recording, it has been equipped with live GPS tracking, G-Sensor, Tire Pressure Monitoring System and live datalog of vehicle health.

In order to track the vehicle with live data, the system uses a 4G high speed networking with VMS software support.

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Specification	
Model No.	TVDV-DV272XX
Rated Voltage	12VDC ; Power On/Off control by ACC
Range	9 - 36 VDC
Power Consumption	10W typical
SoC	Faraday (Taiwan)
System	NTSC/PAL Auto Detection
Compression	H.264
Video Input	BNC x4, BNC x8
Display Rate	PAL: 720 x 576
Recording	HD1; PAL 720 x 288; PAL 200fps
Video Output	Composite RCA for main monitor out x1
Audio Input	RCA x 1 (Multi-channel audio customization)
Audio Output	RCA x1
Audio Sampling Rate	16kbps - 22.05kbps
Display Type	Full/QUAD/9 SPLIT
Storage	2.5" SATA HDD x1 (SSD HDD); SD Card x1
Backup	USB Flash storage backup
Firmware Upgrade	upgrade by USB storage
Record Quality	Super/High/Normal/Low
Record Mode	Always record, Automatic SD recording when HDD crash
Playback Speed	Forward x2, x4, x8, x16, x32, x64/ Return x2, x4, x8, x16, x32, x64
Playback Mode	Time Search/Event List/Quick Search
Event Type	Power ON/ Power OFF/ Video Loss/ Alarm IN/OUT/ HDD format
RTC	Battery Build in Parking time: Keep, 720/ 360/ 180/ 90/ 60/ 30/ 5/ 1min
Alarm / Relay	8 Alarm in / 2 Relay out Trigger time setting - Keep, 60 ~ 5 min)
Alarm Function	Full screen pop/ Beep/ Relay out
RS-485	YES
4.G Network	Built In
OSD Interface	GUI Image Control Interface

Specification	
Remote View/ Control	4G Integration, optional
GPS	GPS Built-in/ Time calibration function
TPMS	RF tire pressure sensor detection
PTZ protocol	Support PELCO-P/ PELCO-D
Display Settings	Channel/ car number/ time/ speed/ temperature/ Record status
G Sensor	G Sensor built in (12 position)/ Sample rate 30Hz
Camera settings	Brightness/ Hue/ Contrast/ Saturation adjustable
Auhority Protect	User Password/ HDD format Password
Car Number	8 words Car Number settings for record and display
Language	English/ Chinese/ Spanish/ French/ Japanese/ Russian/ Customization

Mechanical & Temperature	
Dimension (HxWxD)	50mm x 160mm x 183mm (1.97 x 6.30 x 7.20in.) excluding connectors
Weight	1.5kg (3.30 lbs)
Fan ventilation	Fan build in with rotation rate
Mounting Screw Size	5mm (0.197 in.)
Operation Temperature	MDVR: -35C ~ +70C (Compatible HDD Optional - Heat tolerance grade

Ordering Information	
MDT2104-4G	4 Channel Mobile DVR with 4G
MDT2108-4G	8 Channel Mobile DVR with 4G