**dahua** TECHNOLOGY

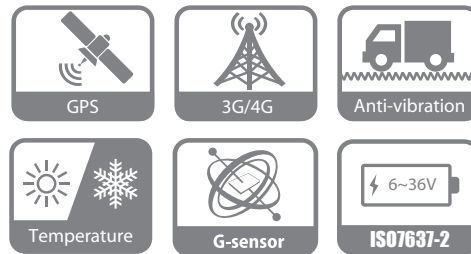# DH-DVR0404ME-SC
4 Channel Mobile Digital Video Recorder

· Support 4 channel@ 960H realtime recording
· H.264 dual-stream video compression
· TV video output
· Support 1 SD card, 2 USB2.0
· Aviation connectors adopted
· Multiple monitoring: Web viewer, CMS(DSS) & DMSS

GPS    3G/4G    Anti-vibration

Temperature    G-sensor    6~36V ISO7637-2

## System Overview

DVR0404ME-SC is an entry level digital video recorder used for mobile solution, it can support 4 channel @ 960H real-time recording, it can support real-time vehicle location tracking and monitoring, and all the information such as GPS and video can be uploaded by wireless network: 3G/4G/WIFI.this device can also support to connect various accessorie, such as card reader, fuel sensor, emergency button.This device can be used in kinds of solutions for different applications, such as city bus/school bus/taxi/police car/train/truck.

## Functions

Anti-vibration
  Using shock-absorbing material and structure, the new designed hard disk box can cope with varying degrees of vibration, keeping the system work normally all the time.

Wide range of power supply
  As the voltage output of vehicle battery changes during driving, the wide range of power supply can protect the device.

3G/4G/WIFI
  Embedded with 3G/4G/WIFI module, the device can register into a public network to connect with VMS, and can send all  the information(video/audio/alarm/gps) through wireless network.

GPS
  Embedded GPS module can receive location information and upload to VMS, and the vehicle can be tracked on the electric map of VMS.

## Technical Specification

### System

| | |
|---|---|
| Main Processor | Embedded microprocessor |
| Operating System | Embedded LINUX |

### Audio and Video

| | |
|---|---|
| Input | 4 Channel |
| Two-way Talk | 1 Channel Input, 1 Channel Output, RCA |

### Display

| | |
|---|---|
| Interface | 2TV |
| Resolution | 800x600 |
| Display Split | 1/4 |
| Privacy Masking | 4 rectangular zones (each camera) |
| OSD | Camera title, Time, Video loss, Camera lock, Motion detection, Recording |

### Recording

| | |
|---|---|
| Video/Audio Compression | H.264/G711A |
| Resolution | 960H(960×576/960×480) / D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120) |
| Bit Rate | 48~2048Kb/s |
| Record Mode | Manual, Schedule(Regular(Continuous), MD, Alarm), Stop |
| Record Interval | 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec |

### Video Detection and Alarm

| | |
|---|---|
| Trigger Events | Recording, PTZ, Tour, Alarm, Email, FTP, Buzzer & Screen tips |
| Video Detection | Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank |
| Alarm input | 7 channel |
| Relay Output | 2 channel |

### Playback and Backup

| | |
|---|---|
| Playback | 1 |
| Search Mode | Time/Date, Alarm, Motion Detection & Exact search (accurate to second) |
| Playback Function | Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom |
| Backup Mode | USB Device/Network |

### Storage

| | |
|---|---|
| SD card | 1 SD card, no capacity limit |

### Network

| | |
|---|---|
| Ethernet | RJ-45  Port (10/100Mbps) |
| Wireless Network | Built-in 3G/4G/Wi-Fi module(optional) |
| GPS | Built-in high accurate GPS module(optional) |
| Network Function | TCP/IP, UDP, DHCP, DDNS, FTP, Email, Alarm Server |
| Max. User Access | 10 users |
| Smart Phone | iPhone, iPad, Android |

### Auxiliary Interface

| | |
|---|---|
| USB | 2 Ports (1 rear), USB 2.0 |
| RS232 | 1 Port, for PC Communication and Keyboard |
| RS485 | 1 Port, for PTZ Control |

### Electrical

| | |
|---|---|
| Power Supply | DC 6V~36V |
| Power Consumption | <15W |

### Environmental

| | |
|---|---|
| Operating Conditions | -30°C ~ +60°C (+14°F ~ +131°F) |
| Storage Conditions | -30°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH |

### Construction

| | |
|---|---|
| Dimensions | 160m×138mm×48mm (6.3" x 5.4" x 1.9") |
| Net Weight | 2.1kg (4.6 lb) (without HDD) |

### Certifications

| | |
|---|---|
| CE | FCC |

## Dimensions (mm)