

## DS-MP7504 Mobile DVR

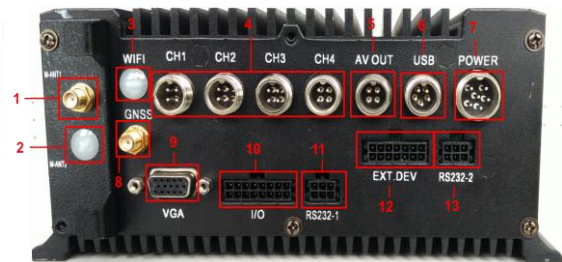
### Introduction

Adopting embedded Linux operating system, Hikvision's DS-MP7504, a dedicated mobile DVR(Digital Video Recorder) provides powerful monitoring functions, including audio and video encoding & decoding, 3G & Wi-Fi wireless network transmission, satellite positioning service, secure data storage. It can not only work alone as a recorder, but also cooperate with other devices to build a comprehensive surveillance system.



## Physical Interface

### Front panel



Index	Name	Description
1	LAN	RJ45
2	USB	USB2.0 interface.
3	PWR	Power indicator: light in green after device startup; light in red when device standby.
4	GNSS	GPS indicator: light in green when GPS module is ready; light twinkles during positioning.
5	RDY	Power indicator: light in green after device Startup.
6	ANT	Antenna indicator: light in green when 3G module is ready; light twinkles after connecting to the platform.
7	REC	Record indicator: light in green during recording process.
8	ALM	Alarm indicator: light in red when device receives alarm.
9	IR	IR Receiver: receive IR signal from remote control.

Index	Name	Description
1	M-ANT1	3G antenna interface.
2	M-ANT2	3G antenna interface.
3	WIFI	WIFI antenna interface.
4	GH1~CH4	4-pin aviation plug, audio & video input of channel 1~4.
5	AV OUT	4-pin aviation plug for 1-ch audio & video output.
6	USB	5-pin aviation plug of USB interface.
7	POWER	6-pin aviation plug for power supply and start control.
8	GNSS	GPS antenna interface.
9	VGA	VGA interface.
10	I/O	7-ch high / low level signal trigger including 3-ch alarm inputs, 4-ch sensor in; 1-ch pulse signal input.
11	RS232-1	5-pin aviation plug of RS-232 interface.
12	EXT.DEV	RS-422 communication interface for PTZ control, two-way audio, CVBS video output.
13	RS232-2	5-pin aviation plug of RS-232 interface.

## Specification (V1.2):

Model		DS-MP7504
System	Operating system	Linux
	Operating method	IR remote control and Web control
Video/Audio	Video/Audio input	4-ch; Aviation plug  Video's electric characteristics(Level: 1.0Vp-p, Impedance: 75Ω) Audio's electric characteristics(Liner level, Impedance: 1kΩ)
	Video/Audio output	2-ch CVBS output Resolution: PAL(704*576), NTSC(704*480); 1-ch; Aviation plug; 1-ch; RS-422  Video's electric characteristics(Level: 1.0Vp-p, Impedance: 75Ω) Audio's electric characteristics(Liner level, Impedance: 600Ω)
	VGA output	1-ch VGA output , configurable resolution: 1920*1080p/60Hz1 1280*1024/60Hz; 1280*720/60Hz; 1024*768/60Hz;
Encoding/Decoding parameters	Video compression	H.264
	Encoding resolution	720P/WD1/4CIF/CIF
	Frame rate	4-ch(Main stream: 4×720P(25fps), sub stream: 4×CIF)
	Audio compression	G.722
	Voice intercom compression	G.711
Recording	Built-in storage method	2×2.5-inch HDDs / SSDs(SATA interface), 3rd generation hard-disk cartridge  1 spare SD card in front panel
Playback	Playback method	Local playback; web playback synchronously
Wireless Network	3G	Pluggable module, supporting WCDMA module; 1 external antenna, dual standard SIM/UIM card slot
	Wi-Fi	Reserved, 1 antenna(optional)
Satellite positioning	Positioning	GPS  1 positioning antenna
Functional Interface	Traffic information acquisition	4-ch high/low level signal input, 1 reserved pulse signal input
	Alarm	3-ch high/low level signal input; 2-ch switch output
	LAN	1×RJ45
	USB	2×USB2.0, one on the rear panel(5-pin aviation plug) and the other on the front panel
	Serial data interface	2×RS232, 1×RS422(including reserved station announcement interface), plastic material

# HIKVISION

<b>Power Supply</b>	Consumption	≤20W
	Input	DC +8~ +36V;
	Output	DC +12V/1A、 +5V/1A
<b>General</b>	Working temperature	-25°C~70°C(regardless of the temperature of hard-disk)
	Working humidity	10%~95%
	Dimensions	236mm×73mm×210mm
	Weight	Approx. 3Kg