

# 4 Channel Mobile DVR with Room For SD Cards (2-6) & Built-In GPS (Optional)

**DVRM42** 4 Channel Mobile DVR with Room For 2 SD Cards

**DVRM42GPS** 4 Channel Mobile DVR with Built-In GPS & Room For 2 SD Cards

**DVRM46GPS** 4 Channel Mobile DVR with Built-In GPS & Room For 6 SD Cards

**DVRWMP5** AC Power Adapter For Indoor Use of DVRM4 Series Mobile DVRs

## Features

- H.264 Compression
- Max. 120 FPS (HD1) / 60 FPS (D1) recording in NTSC
- Pentaplex Operation
- 1 Channel Synchronized audio
- SD Card memory - No HDD necessary
- 4 level image quality setting
- Schedule recording and various recording setup per channel
- 4 Channel sensor inputs pre-alarm and post-alarm recording
- Digital Watermark support
- Smooth reverse playback
- Daylight savings time
- AVI File Converting
- Multi-language support
- Panic alarm allows for emergency recording in full frame rate of every channel
- Ease of operation: remote control, front key and Network Viewer
- Driving Information (warning lights, brakes, turn signals) overlay on live and playback video
- Impact Sensor (optional) detects excessive gravitational forces on X, Y, Z axis
- GPS (optional on 2 SD card model, standard on 6 SD card model) data can overlay location & speed and record with video for Mobile DVR
- Network Client Viewer: 16 units x 16 Clients connection simultaneously
- Supported copy media: USB memory stick, External USB HDD
- Firmware upgrade via USB or Network
- RS-485 port for PTZ camera support
- Works with Verizon Wireless™ USB Aircards for remote access
- 3 year warranty



Perfect for installation in buses, emergency vehicles, police cars, trains and more!



Rear of Unit

### Each unit comes with the following:

- |                                                                                                                                                    |                                                                                                                                                                                                                            |                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• One 2GB SD card</li> <li>• Remote control</li> <li>• Cigarette lighter power plug &amp; filter</li> </ul> | <ul style="list-style-type: none"> <li>• CMS and other required software</li> <li>• Verizon Wireless™ Aircard ready</li> <li>• 10 pin sensor cable</li> <li>• A/V cable</li> <li>• Screws and mounting hardware</li> </ul> | <ul style="list-style-type: none"> <li>• Manual and software on CD-ROM</li> <li>• Quick start guide</li> </ul> |
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### In addition, units with 'GPS' in the part number include:

- Built-in GPS
- Antenna
- Impact sensor

Speco Technologies is constantly developing product improvements.

We reserve the right to modify product design and specifications without notice and without incurring any obligation.

Rev. 1/8/10

For more information contact Speco Technologies

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Technical Specifications:  
 4 Channel Mobile DVR with Room For SD Cards (2-6)  
 & Built-In GPS (Optional)



VIDEO			
Video Input		4CH (BNC)	
Main Monitor Output		1.0 Vp-p Composite, 75Ω Balanced	
Camera Name		Max. 8 Characters	
Screen Split Control		1, 4 Screen	
Screen Sequential Switch Control		1~60 Seconds	
Display	Resolution	NTSC	720(H) × 480(V)
		PAL	720(H) × 576(V)
	Speed	NTSC	120 frames (Every Channel Real Time)
		PAL	100 frames (Every Channel Real Time)
Function		Auto sequence, 1,4 split, PIP	
AUDIO			
Compression		ADPCM	
Audio Input (Line)		1CH (RCA)	
Input Level		0.5~1.4Vp-p@20k Ω	
Audio Output (Line)		3.5mm Stereo Mini Jack	
RECORDING			
Compression		H.264	
Resolution		720(H) × 480(V), 720(H) × 240(V), 360(H) × 240(V) 720(H) × 576(V), 720(H) × 288(V), 360(H) × 288(V)	
Speed	NTSC	340 x240	Max.120 Images (CIF)
		720 x240	Max.120 Images (Half D1)
		720 x480	Max. 60 Images (D1)
	PAL	340 x288	Max. 100 Images (CIF)
720 x288		Max. 100 Images (Half D1)	
	720 x576	Max. 50 Images (D1)	
Each Channel	Frame Setting		Available
	Event, Normal		Available
	Speed		Available
	Resolution		Available
	Quality		Changed at 4 level (Low, Normal, Fine, Best)
Setup Per Channel		Individual	
Record Limit		Automatic Data Delete for Privacy	
Data Size		1~3KB (CIF), 3~7KB (D1/2), 6~15KB (D1)	
Recording Mode		Normal (Continuous), (Event, Motion detection, Sensor, Video loss), Schedule	
Pre-Alarm		5 Seconds (considering 30 sec., even 2 min.)	
Watermark		Password protected	
Schedule		24 groups per day by an hour, Holidays are same as Sunday	
Storage	Internal	2 SD cards in front	
	Optional	4 SD cards built in module for a total of 6	
GPS Board		GPS (Optional) - Factory Installed (Standard on the DVRM42GPS & DVRM46GPS)	
SEARCHING & PLAYBACK			
Searching Method		Time, Calendar, Event, (Copied) File, Text	
Playback (Reverse)		1, 2, 4, 16, 32, 64, 128 velocity 1/2, 1/4, 1/16, 1/32, 1/64, 1/128	
COPY DEVICE			
Media Support		USB memory stick, External USB HDD	
USB 2.0		1 port in front	
MULTI-REMOTE SURVEILLANCE			
Monitoring Environment		Client software / CMS for mobile DVR / SD viewer	
Transmission Rate		Max. 120 FPS (CIF) full motion transmission	
Search		Supporting multi-client (16 clients accessible)	
OS		Embedded Linux	
Menu Type		Graphic + Text	
CONNECTORS			
Main Monitor Output	Composite	Yes	
	VGA Output	Yes	
Sensor Input		4 Channel (Box connector) (Include Ground 1 pins)	
Alarm Output		1 Relay output: 2 pins Box connector (No, Common)	
RS-485 for External Control & PTZ		2 pins (Box Connector)	
Ethernet		RJ-45, 10/100Mbps	
USB 2.0		1 port (Front)	
ELECTRICAL			
Power Source		Input DC 9V ~ 35V, Output DC 12V, 1.5A	
Power Consumption		Approx.10 Watts (Including 2SD Memory)	
ENVIRONMENTAL			
Operating Temperature		-4°F~140°F / 32°F~104°F	
Dimensions		7.87"(W) × 4.33"(D) × 1.18"(H)	
Weight		Approx. 3.3 lbs.	