

# MOBILE DVR BACKUP MACHINE

## MD4+

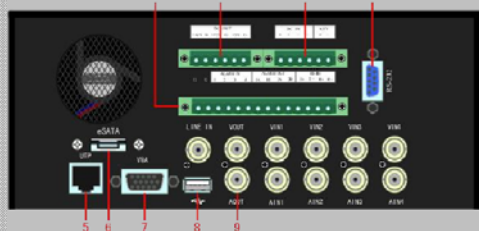
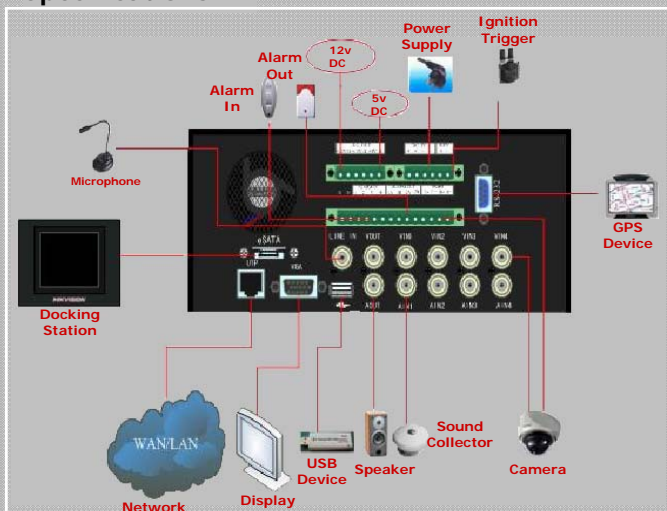


### Features

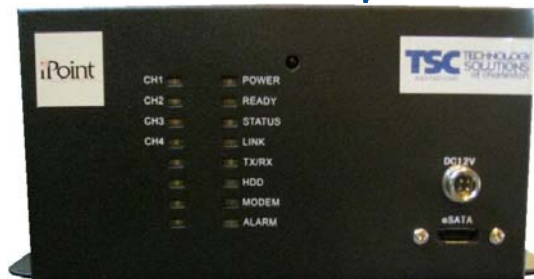
Mobile DVR specially designed for vehicle monitoring. DVR uses special vibration control solution for stable recording in vehicle.

- Auto enter record mode while starting vehicle.
- Engine start and low power protection.
- Software HDD record condition detection and alarm when DVR stops recording.
- Panic button designed for generating new special events and marked to easily find for review.
- Real-time watch & digital recording for up to 4 cameras simultaneously.
- Key-in car number to record in DVR.
- Daylight saving time design.
- RS-232 port to connect optional Sensor Recorder Box or Panic Emergency & Tracking Box.
- Records up to 95 events with [\*] marked for easy selection.

### Specifications



- 1 Alarm input, output and RS485 interface
- 2 DC output
- 3 DC input
- 4 Standard RS232 serial interface
- 5 1 RJ45 10/100 network interface
- 6 eSATA data backup interface
- 7 VGA display output interface
- 8 Audio/Video output, USB backup interface
- 9 VOUT local video surveillance interface, AOUT local audio surveillance interface



Video Standard	H.264			
Preview Resolution	4CIF real time			
Video Input	1-ch	2-ch	3-ch	4-ch
	TNC 1.0Vp-p, 75Ohm			
Compression Resolution	4CIF/DCIF/2CIF/CIF/QCIF			
Composite Video Output	1 channel TNC, 1.0Vp-p, 75Ohm			
Frame Rate	25FPS/30FPS (PAL/NTSC) per channel			
Stream Type	Video or Video & Audio			
Bit Rate	32kbps—2Mbps (Self definition)			
Audio Input	1-ch	2-ch	3-ch	4-ch
	TNC 2.0Vp-p, 1KOhm			
Audio Output	1 channel TNC Liner output, 600Ohm			
Audio Compression	OggVorbis, 16kbps			
Voice Interface	1 TNC Line in, 1KOhm			
Network Interface	1 RJ45 10/100, Optional CDMA, EDGE, GPRS or 802.11			
RS-232 Interface	1 DB9			
HDD Interface	1 SATA interface. HDD max support 2000GB			
Backup Interface	1 E-SATA interface for high speed backup			
USB Interface	1 USB 1.1			
VGA Interface (optional)	1			
External Alarm Input	4			
Relay Output	2			
Remote Control	Special IR controller/wire controller for mobile DVR			
GPS Module (optional)	Insert longitude, latitude and vehicle speed			
LCD	Supports external 5.5" or 7" color TFT Display			
Power Input	DC +12V (8V – 28V)/DC +24V (10v – 32V)			
Power Output	One DC +12V/2A output			
Power Consumption	26W (without HDD)			
Working Temperature	-20°C - +65°C			
Working Humidity	10% - 95%			
Size (H) x (W) x (D)	3.5" x 9" x 11.5"			
Weight	11 lbs. (without HDD)			



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 Building 300  
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 (843) 745-0045 or (888) 347-3821



# MOBILE DVR BACKUP MACHINE

## MD4+ Backup

To order,  
call  
1-888-347-3821

### Features

The BMMD4+ backup device is designed specially for MD4+ Mobile DVR. It is used to backup the recorded video files from Mobile DVR. It is an optional peripheral device for iPoint MD4+ Mobile DVR.

With the power supply provided with the iPoint MD4+ Mobile DVR the MD4+ Backup device can be connected to the Mobile DVR to the E-SATA interface. The MD4+ Backup device can backup specified time periods recorded video files. The MD4+ Backup device can connect to the video output port on the MD4+ Mobile DVR so that you can use MD4+ Backup device to display video on the LCD display and bring up the MD4+ Mobile DVR menu.

The MD4+ Backup device can connect with a PC via USB or SATA or 1394 interface to playback and save the video files on the computer.

### Specifications

- High performance DSP hardware compression H.264 video compression algorithm, each channel is real time (PAL 125FPS/NTSC 30FPS)
- Support audio and video and synchronous compression and playback
- Supports triplex mode (Preview, Playback, Recording)
- Supports variable bit rate and variable frame rate
- Supports sensitive areas mask function and multi-zone motion detection
- Supports view tampering alarm function for spiteful camera block
- Supports video signal loss alarm function
- Supports 8 hard drives. Each hard drive maximum 2000GB.
- Supports HDD sleep mode and S.M.A.R.T function
- Supports FAT32 file system
- Record Modes: all, motion, sensor, alarm and manual
- Support USB flash disk, USB hard disk, USB external CD-RW, external DVD-R/W, IDE CD-R/W and IDE DVD-R/W
- Supports composite video output and VGA
- Supports 2-channel synchronous playback Supports playback fast, slow, pause, forward, backward, frame by frame
- Supports TCP, UTP, RTP, Multicast, DHCP, ADSL (PPPoE) and (PSTN) dialup function
- Remote playback, download recorded files from DVR
- Remote upgrade DVR firmware
- Remote control PTZ cameras
- Supports Internet Explorer
- Supports voice over IP
- Supports multi-lever user management



Model	BMMD4+
HDD interface	1 IDE HDD interface
External interface	1 E-SATA interface 2 1394 interface 1 USB2.0 interface
Video input	1 channel TNC (1.0Vp-p, 75Ohm)
Power supply	DC +12V
Power supply adapter	100V-240V input and DC+12V output
Power consumption	10W (without HDD)
Working temperature	-20°C— +65°C
Working humidity	10% - 90%
Size	7.7" x 6.7" x 3.2"
Weight	6.1 lbs. (without HDD)
LCD	5.5 inch color TFT LCD monitor



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