

Fanless Mobile DVR with Linux System



Introduction

The MVR330X series is the Linux operating system based mobile DVR with easy and user's friendly interface DVR software to enhance world leading security and surveillance solution in the market. This embedded Linux mobile DVR system can support up to 8 channels of video recording and using vehicle standard Multilock connector system to secure connectivity in all different kinds of transportation. The DVR software equipped with Remote Control Center software (RCC) allows user to perform remote view with live video through various internet connection. The MVR330Xseries brings up high security performance as well as keeping the cost down with easy maintenance.

Applications

- Bus/Coach
- Commercial Passenger Vehicle
- Aircraft Carrier
- Railway System

Features



Vehicle Use

- 12/24 VDC Power Ready
- Durability in Harsh Environment (Temperature, Humidity, Shock and Vibration)



DVR System

- 4/8 Channel Video Recorder
- Up to 120fps Maximum



DVR Software

- Remote Monitoring, Recording and Motion Detection
- Motion-JPEG/MPEG4 Format Compression



MultiLock Connector

- Secure/Reliable Connector for Transportation Standard
- Hassle Free Cable Management



Removable HDD

- Quick Accessibility
- Easy Maintenance



Wireless Network

- PCMCIA Socket Ready
- Information Communicating and Update



GPS System (Optional Device and Software)

- Real Time Vehicle Tracking
- Informative Announcement



General Propose of Input and Output

- Trigger Alarm Device Setting
- Event Setting



MVR3300

Specification

Linux O/S based DVR Series				
Model Name		MVR3304P	MVR3304PW	MVR3308P
DVR System	Video Input	4	4	8
	Audio Input	1	1	1
	Video Standard	Composite for NTSC/PAL		
	Max. Image Resolution	Up to VGA resolution - 640 (H) x 480 (V)		
	Max. Capture Frame Rate	120 fps/100 fps (NTSC/PAL)		
	Data Output Format	YUV		
Hardware System	CPU	Intel Celeron M Processor		
	RAM	256MB		
	Storage Device	2.5" 80GB removeable HDD		
Software System	Operating System	Linux		
DVR Software	Recording Method	Continuous, Schedule, Motion & Event Recording		
	Playback	Search by Alarm, Date, Time & Camera		
	Video Lost Detection	YES		
	Video Compression	MJPEG & MPEG4-like		
I/O	PCMCIA Socket	NO	YES	YES
	WLAN	NO	YES	YES
I/O Connection (MultiLock Connector)	VGA	1		
	USB	3		
	LAN	1		
	Serial	RS232 x 1, RS485 x 1		
	Audio	AC97; Audio In, Out and Mic In		
	GPIO	4		
Environment	Relative Humidity	10%~95% at 40°C, Non Condensing		
	Operating Temperature	0°C ~ 45°C in Fanless		
	Shock	80G (Non-operating)		
	Vibration	1.0G, 5~500Hz		
Power	Power Requirement	12VDC @ 2A / 24VDC @ 1A		
	Power Consumption	24W Average		
Certification	EMC and Safety	CE, FCC Class B		
Mechanical	Dimension	170mm (W) x 50 (H) x 230 (L) / 6.69" x 1.97" x 9.06"		
	Net Weight	2.8Kg		

Ordering Information

- MVR3304P : 4 channels Linux DVR system
MVR3304PW : 4 channels Linux DVR system with Wi-Fi and PCMCIA socket.
MVR3308P : 8 channels Linux DVR system with Wi-Fi and PCMCIA socket.

Optional Accessories

- PM1.4G : LV Pentium M 1.4GHz CPU (MOQ required).
- USBGPS : USB GPS receiver Device..
- HDD120GB : 120GB 2.5" HDD.
- HDD160GB : 160GB 2.5" HDD.

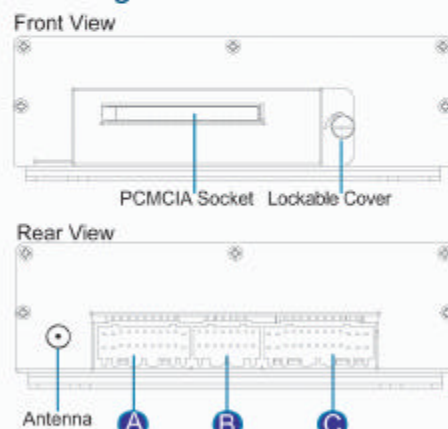


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- A Video Input, GPIO, Audio In, Line In, MIC In
B USB x 3, LAN
C Power In, COM1, COM2, VGA, Line Out

Drawing



• The original manufacturer reserves the right to make modification to the products specification at any time without notice.