

PA-M16H - AHD 4CH Double SD Card MDVR

SPECIFICATIONS

M16H is a cost-effective and high extendibility mobile digital video recorder (MDVR), developed especially for vehicle monitoring and remote video surveillance. It adopts high speed processor HI3520D V400 and embedded Linux system, combined with the most advanced technology of H.264/ H.265 coding/decoding, 3G/4G network, GPS/BD and WIFI. It supports 1080p,720p,D1, resolution video recording, vehicle driving record and video remote uploading. With the central software can do central remote monitoring based on alarm linkage, vehicle intelligent dispatch management and playback analysis based on central database. This device is competitive in anti-vibration, more rich function, high reliability, concise appearance and simple to deploy.



KEY FEATURES

- Rugged & Solid Design
- Wide voltage support over-load, short circuit, reverse connect protection
- Support 2 SD cards up to 256G for record storage
- 4G / WIFI transmit; multiple grade image quality transmitting optional
- GPS / BD / GLONASS global positioning optional
- Powerful software platform including remote live, playback, broadcast, talk and more
- IP communication
- PTT group talk function

Industry Applications:


Coach


School bus


Freight train


Logistics car


Financial escort


Taxi


Truck


Police car

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Specification:

Item	Description	
Model	M16H	
OS	Linux3.18	
Operating	UI, Cell phone APP, PC client, Remote controller APP, PC	
Functions Summary	Preview, recording, playback, network transmission, positioning, AI analysis, multiple sensor data acquisition.	
Video and Preview	Video Input, Output, Signal standard	AHD input: 4ch 1080p/15fps, 4ch 720p/30fps, 4ch D1/30fps. IPC input: 1ch default Output: 1ch CVBS default, VGA optional Signal standard: 1.0Vp-p, 75Ω, NTSC/PAL optional
	OSD	Character superposition function, information superposition of time and date, device ID and GPS, alarm, etc.
	Video Compression Format	Compression coding. Applying H264/H.265 hi-performance processor.
	Image quality	Code stream, frame rate optional
	Preview	1/4 channel preview
	Resolution	AHD: 1080P: 15fps/1M/2M/4M/6M 1024KBPS 2048KBPS 4096KBPS 6144KBPS 720P: 30fps/1M/2M/4M/6M D1: 30fps/512K/1M/2M IPC: 1080P: 30fps/1M/2M/4M/6M 720P: 30fps/1M/2M/4M/6M
Audio	Audio Input, Output	3ch audio input; 1ch audio output. 2.0Vp-p, 4.7kΩ
	Compression Format	G.711, G.726
Recording	Storage Medium	Supporting dual SD card for storage, each one max support 256gb
	Video Strategies	Recording at start up by default, supporting timed recording, recording triggered by alarm and event, as well as manual recording
	Alarm pre-recording	0-60min
	Alarm recording delay	0-30min
	Playback Channel	Support local 1/4 channel playback
	Browse mode	Time, channel, event.
Communication Ports	RS232, RS485	
ADAS	Built-in (Optional)	
Wireless Transmission	3/4G wireless transmission module, EVDO/TD-	

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		SCDMA/WCDMA/TDD-LTE/FDD-LTE ect. 3G 4G Wi-Fi module, 802.11b/g/n,2.4G/5.8G optional. Wifi Ethernet: Network aviation head(100M)
Position		GPS/BD: Positioning, speed detection, time synchronization
Power Supply and Power Consumption	Power Supply	1ACC on/off 一↑ ACC
	Input Voltage	DC:+8V ~ +36V
	Output Voltage	+12V@1A; +5V@1A
	Power Consumption	Max 25W consumption, about 0W in standby mode
Operating Environment	Temperature	preheating: -20°C ~ +70°C
	Humidity	8% to 90%
Dimensions		177 (L)x 186.8(W) x 54(H) mm.
Weight		Net: 0.45KG
Product size		<p>Technical drawing of the PA-M16H MDVR showing front and top views with dimensions. The front view shows a width of 137.7 mm, a mounting bracket width of 123.7 mm, and a central component width of 112.5 mm. The height of the main body is 76.0 mm, and the total height including the mounting bracket is 135.5 mm. The top view shows a width of 36.5 mm. A USB port is labeled on the top view.</p>