



8 CHANNEL AHD MOBILE DVR

FEATURES:

- Supports 8 ch AHD 720P/1080P cameras
- Industry leading CPU with powerful processing ability
- Support NAND flash (max. 4GB) to extend internal storage
- Supports HDD/SSD for recording. Max. 2TB
- "Plug and Recording" Hard disk: innovative hard disk mounting design, no need to mount screws
- Dual antennas for cellular or Wi-Fi, enhancing wireless signal
- Robust design: Cast aluminum enclosure. Patented design
- Selected industrial power chipsets, support 8-36V wide range power input, adapt to harsh environment
- Support external Fireproof box, to backup data in extreme scenarios
- 1 pcs SD cards for backup recording, max.256GB
- Dual streams for local recording and wireless transmission
- Support 3G/4G, Wi-Fi, GPS modules.
- Built-in G-sensor for harsh acceleration/deceleration detection
- Data self-protection, save data when shut down abnormally

Compatible with:



Vehicle Mini Dome Camera 1080P MDVR-MD-FG



AHD Rear View Vehicle Camera 1080P MDVR-RV-FG

SPECIFICATION	MDVR-8BB
SYSTEM	
Processor	Hi3521A
RAM	DDR3 1GB
Flash	Nor flash 32MB. Support SPI NAND flash, max. 4GB (Optional)
Total Resource	1080p@120fps recording
OS	Linux 3.10
Language	English, Russia, Portuguese, Spanish, etc.
Control	Support remote controller and mouse for control External display for GUI Support Mobile Check for configuration Support web access in LAN network
Credential	Support username and password management
VIDEO SYSTEM	
Video Input	4 ch AHD 1080P @30fps 8 ch AHD 1080P @15fps 8 ch 720P AHD @30fps 2 ch AHD 1080P+6WD1 @30fps 2 ch AHD 1080P+6 ch AHD 720P @20fps 2 ch AHD 1080P+4 ch AHD 720P @30fps 4 ch AHD 1080P+4 ch D1 @20fps 4 ch AHD 1080P @15fps+4 ch D1 @30fps 4 ch AHD 720P+4 ch D1 @30fps
Video Input Port	4 x 6PIN aviation male connector (converted to 8x4PIN aviation mail connectors) 1.0Vp-p, 75Ω
LAN Port	1 channel, (RJ45 Ethernet port)
Video Output	1channel CVBS video signal output, 1.0Vp-p, 75Ω, support1/4/9 display
Video Output Port	3 ports for output: back panel 4 PIN aviation male connector; VGA connector; front panel 3.5mm AV out hole
High Definition Output	Support HD video output, VGA output DB female connector (optional) Can be converted to HDMI port
Video Compression Algorithm	H.264 compression
Preview	1/4/9 display. Support manual/trigger full screen display
Recording Resolution	Support 1080P, 720P, D1, HD1, CIF. Max. 8 ch 1080P
Image Quality	1 to 8 image quality configurable (1 is the best quality, 8 the lowest, default is 4)
Recording Frame Rate	PAL: 100fps, CCIR625 line, 50 Hz / NTSC: 120fps, CCIR525 line, 60Hz CIF: 256Kbps ~ 1.5Mbps / HD1: 600Kbps ~ 2.5Mbps D1: 800Kbps ~ 3Mbps / 720P: 1Mbps-4Mbps 1080P: 1Mbps~8Mbps
Recording Plan	Default auto recording; Support ignition recording, manual recording, alarm recording
OSD	Support OSD display of date, time, vehicle ID, alarm name, etc.
Alarm recording	Support alarm trigger recording, fps and image quality configurable. (Alarm triggered recording in higher fps and quality for more video info, while Normal recording in normal fps and quality to save storage)
Pre-recording Time	0-1800s
Post Recording Time	0-3600s
Video Search	Support to retrieval video by time, recording types
Playback	Support max. 8 channel simultaneously playback. Support 2/4/8/16 times fast play/fast rewind





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SPECIFICATION CONT.	MDVR-8BB
AUDIO SYSTEM	
Audio Input	8 ch audio input. Back panel AV input aviation connectors
Audio Output	1 channel audio signal output. (3 ports for output: back panel 4 PIN aviation male connector; VGA connector; front panel 3.5mm AV out hole)
Two-way Audio (Push to talk)	Support (Optional), Bidirectional call/dial
Audio Compression Algorithm	G.726, 8KB/s
INTERFACE	
IO Input	8 channel alarm input
IO Output	2 channel alarm output, support remote power off and cut fuel
Motion Detection	Support
RS232	3 channel RS232
RS485	1 channel RS485
CAN	1 ch CANBUS (optional)
OBD	Support external serial-OBD box
USB	1x USB2.0. Front panel USB
G-sensor	Built-in
NETWORK	
LAN Port	1x10/100/1000Mbps Ethernet RJ45 port
3G/4G	Support built-in 3G/4G module optional, WCDMA, CDMA2000, GPRS, EDGE, TDD-LTE, FDD-LTE. Default as selected Huawei 3G/4G module. Different bands optional for particular carriers. Support 2 antennas (main antenna and auxiliary antenna)
SIM Card	1 SIM card slot
Wi-Fi CPE	Support Built-in 2.4G Wi-Fi module optional 2.4G/5.8G dual band Wi-Fi optional; Support 2 antennas (main antenna and auxiliary antenna)
Wi-Fi AP	Wi-Fi AP mode for hotspot (optional)
Location	Support GPS (default u-blox 6m)
STORAGE	
HDD	Support 1x 2.5 inch HDD or SSD; Max. 2TB
SD Card	Support 1x SD card, max. 256GB
Upgrade	U disk upgrade; SD card upgrade; FTP remote batch upgrade
File System	Special File System to secure data.
Fire Proof Box	Support external Fireproof box (optional)
POWER	
Power Circuit	Selected Linear power chipsets, adaptive to wide range of power. Protect from overload, under voltage, short circuit, reverse polarity Support timer switch, delay off.
Power Voltage	DC: +8V ~ +36V
Power Output	+12V@2.5A, +5V@2A
Power Consumption	<5W
UPS	Support external UPS
ENVIRONMENT	
Temperature	-20°C to +70°C
HDD Heater	Optional
Humidity	20% to 80%
IP Protection	IP54