



4CH AHD/Analogue Multifunctional Mobile DVR

- 4 AHD/Analogue or a combination of both
- Robust Linux Operating System
- 1.2TB recording capacity (2 x SD card slots)
- Live View & playback over 4G or Wi-Fi including Telematics information Audio & OTA updates
- Can be used as a Wireless Access Point (WAP-4G)
- GPS / G-SENSOR / GEO Fence with 1 Sec Reporting
- Free Multi Vehicle Central Server Software
- Free Multi Vehicle Client Management Software



Additional Features

- Analogue High Definition Camera inputs 4 input AHD High Definition or 2CH Standard (mixed input) and 2CH Analogue High Definition Camera inputs.
- Encrypted, H.264 Compression, Multi stream HD recording and viewing with watermark feature with 720P/D1/HD1/CIF adjustable frame rate, quality & audio
- Power Designed for Vehicle voltages, 8-36V DC with Over-load, Over-voltage, Short-Circuit and Reverse protection.
- Supports DC 12V/2.5Amp output, via 4 pin DIN to power cameras and peripheral devices with a Watchdog function to monitor and detect any abnormalities
- Accidental power-off protection function operates between 10-15 seconds.
- Unique UPS Technology ensures the integrity of the recording when a power failure occurs.
- Parking power down delay, to allow for download or recording of images for up to 24 hours.
- Dual SD card data recording storage (maximum support 1.2TB) 2 x 512GB SD card. With Mirror feature
- Free Central Management Software / App / Server software to monitor, view live video with live GPS position with Telematics info with 30 sec update. Displays the vehicle location, status, vehicle registration, Route, Super-low speed vehicle Information and park up time.
- Video and event archive can be stored indefinitely for historical playback, subject to server archive size
- The DVR's Special File System Technology is aided by the erasing of data that may be caused by file fragmentation, constantly ensuring the integrity of the recorded data.
- Auto Recording, Time Recording, Alarm Recording Modes.
- Supports Video & Audio monitoring, 2-way Intercom, PTZ control, manual alarm, over speeding, Geo- Fence etc. through a remote control platform.
- 8CH alarm inputs (Doors, lights, steering, braking, reversing and all types can be configured), Can supports various kinds of response linkages.
- 2CH alarm output, supports the linkage of, fuel cut off oil/power, Auto-photo and recording when alarm input, device pictures preview function;
- 4 Pin Din Aviation connectors are for stable and reliable device connections
- Simple GUI Interface,



Specifications

Part Code	MDVR402/-W /MDVR402-WAP-4G
OS	Linux
Video Compression	H.264 Compression Mode
OSD	Overlaid information GPS-Date , Time , Vehicle ID
Graphical User Interface (GUI)	Connects to external devices. Set up system remotely with a controller
TTS Voice Broadcast	Supports the TTS Voice Broadcast Function
Video Recording System	
Video Input	4CH 720P AHD input/4CH standard definition input/2CH high definition+2CH standard definition mixed video input, aviation connector
Video Output	1 x CVBS+ VGA output for optional, 1.0Vp-p, 75Ω,Aviation,Support 1CH Full Screen,4CH Screens
Preview	Support 1 channel and 4 channels preview. Support Manual/Alarm Trigger full screen preview
Resolution	720P/D1/HD1/CIF, MAX:4 channels of 720P
Video Quality	0-7 levels, 0 is the highest level, 7 is the lowest level.
Video Standard	PAL: >100ips CIF: 256Kbps ~ 1.5Mbps, 8 level video quality optional; HD1: 600Kbps ~ 2.5Mbps, 8 level video quality optional; D1: 800Kbps ~ 3Mbps, 8 level video quality optional; 720P: 4Mbps-6Mbps, 8 levels video quality optional
Record Mode	The default setting is auto recording after power on. Timed recording, alarm trigger MD recording and manual recording are supported.
Video Storage	
Storage	2xSD Card, Max 1.2TB 2 x 512GB SD card to mirror data to protect from data loss Wi-Fi and 4G download
Upgrade	Supports SD card upgrade, OTA remote upgrade automatically via FTP
File Format	H.264 General video format
File System	Special FAT32 File System
Video Playback	
Video Search	Search video by Recorded Time / Recorded Type etc.
Playback	Max support 4CH Replay/Stop/Fast Forward and Fast Backward Play
Playback	Support 2 x 4 x 8 x 16 Fast forward or Fast Backwards Play
Electrical	
Power Consumption	Normal Working<5W Stand-by Status<0.5W
Voltage input	+8Vdc ~ 36Vdc
Voltage output	12Vdc@2.5A, 5Vdc@2.5A
Power Management	Adaptive wide power input, support Wide Voltage, Over-load Over-voltage Short Circuit、 Reverse Protection. Support Time Setting/Delay power off
Power-off protection	UPS Technology, All video information is saved automatically when the Power is cut to ensure that the video files are not damaged.
Environmental	
Temperature	-20°C ~ +70°C
Humidity	20%~80%
Mechanical	
Dimensions	145(W) x 40(H) x 130(D)mm
Weight	360g
Certifications	
CE / EN51055	



Electrical



Associated Parts

Part Code	Description
COMBI-ANT	Combined 4G/Wi-Fi /GPS Disc Antenna
CA5-AHD-4PIN	5 Meter 4pin Aviation AHD Extension Lead
CA10-AHD-4PIN	10 Meter 4pin Aviation AHD Extension Lead
CA15-AHD-4PIN	15 Meter 4pin Aviation AHD Extension Lead