

# MDAH2501



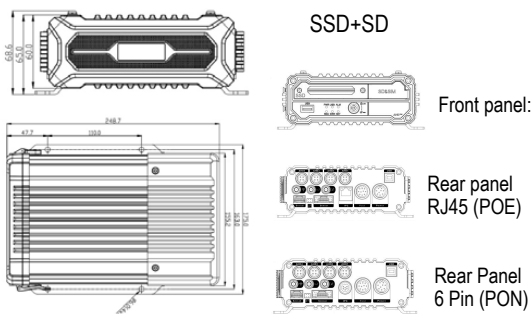
## Tribrid Mobile Digital Video Recorder



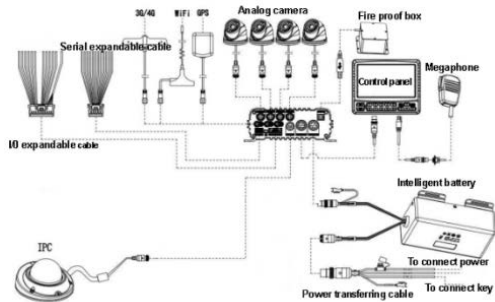
### Key Features

- 4 channels AHD@1080P + 1 channel IPC@1080P
- SSD for main recording up to (2) TB (Not Included)
- SD card for mirror recording (Not Included)
- GPS for location tracking (Optional)
- WIFI for video files download (Optional)
- Built-in 3G for live view and remote management (Optional)
- Brand new and sleek metal design
- Supports 360 degrees installation
- Certificates: CE, FCC

### Dimensions



### System Diagram



### Standard Accessories Included



Model	MDAH2501	
<b>Function Overview</b>	Preview, Recording, Playback, Network, Locating	
<b>System</b>	OS	Linux 3.0.8
	Control Mode	CPT-7, USB-EC, Network, Mouse
<b>Video</b>	Video Input	4 channels AHD + 1 channel IPC
	Video Output	1 channel (Aviation-din)
	Total Resource	NTSC: (4x30)FPS 720P(AHD)+1080P@30FPS(IPC) Or (4x15)FPS 1080P(AHD)+1080P@30FPS(IPC) PAL: (4x25)FPS 720P(AHD)+1080P@30FPS(IPC) Or (4x12)FPS 1080P(AHD)+1080P@30FPS(IPC)
	Video Signal Standard	Electrical level: 1Vpp Impedance : 75Ω
<b>Audio</b>	Video System	NTSC/PAL (Optional)
	Audio Input	5 channels (1 channel IPC audio input)
	Audio Output	1 channel
<b>Display</b>	Audio Signal Standard	Electrical level: 2Vpp Input impedance: 4.7kΩ
	Display Split	1/4/9
	OSD	Channel No., GPS info, alarm, vehicle No., speed, date/time
<b>Recording</b>	Operation Interface	Semi-transparent GUI
	Video/Audio Compression	H.264 / ADPCM, G.711A, G.711U
	Image Resolution	Digital: 1080P(1920X1080), 720P(1280X720) Analog and Analog HD: NTSC: 1080P,720P,WD1(928X480),WHD1(928X240), WCIF(464X240),D1(704x480),HD1(704x240), CIF(352x240); PAL: 1080P,720P,WD1(928X576),WHD1(928X288), WCIF(464X288),D1(704X576),HD1(704x288), CIF(352x288)
	Image Quality	1-8 levels adjustable (1 is the best)
	Recording Mode	Boot up/Manual/Schedule/Alarm (sensor trigger, speed, acceleration, video loss,
	Pre-recording	0-60minutes
	Post-recording	0-30minutes
Mirror Dual Recording	Yes (Using SD Cards) <i>Front Or Rear</i>	
<b>Playback</b>	Playback Channel	1 channel by local playback
	Search Mode	Date/time, channel, event
<b>Network</b>	Network Connection	RJ45, 3G/WIFI (Optional)
	IPC Ethernet	1 RJ45 (10/100M with POE port) Or 6 Pin PON IPC port
	WIFI	Supports (802.11b/g/n) (Optional)
<b>Location</b>	3G	EVDO/WCDMA (Optional) - Supports 1 Sim Card
	GPS	Location tracking, speed detection and time sync (Optional)
<b>Storage</b>	SSD	2.5" SATA SSD X 1 up to (2) TB (Not Included)
<b>Interface</b>	USB	USB2.0 × 2 (One for USB-EC, one for external mirror recording)
	SD Card	SD Card X2 - <i>Recommended</i> (32GB / 64GB / 128GB / 256GB Class 10/ SDHC Card (Not included) Front (Not included), Rear (Included in XTS-MD-FB - Optional)
	RS232	RS232 × 2
	RS485	RS485 × 2
	Serial	G-Sensor (Optional)
	Sensor	8 inputs, 2 outputs
	Speed	1 channel pulse speed detection
	Intercommunication	Interface CPT-7 (Optional)
<b>Power</b>	Input	DC8-36V
	Output	12V@1A, 5V@1A
	Max Power Consumption	30W
	Standby Power Consumption	≈0W
<b>Physical Characteristics</b>	Dimension (L x W x H)	248.7mm x 175mm x 68.6mm
	Weight	1.3kg / 2.86lb
<b>Environment</b>	Operating Temperature	-40°C - +70°C (With heater) or -10°C - +70°C
	Operating Relative Humidity	8% - 90% (No Condensation)
<b>Certifications</b>	CE	Yes
	FCC	Yes
	Water Proof Rate	IP54

