CT-HD-MDVR04 - 12Ch Mobile DVR

Our advanced hybrid range of iC360 MDVR (Mobile Digital Video recorder) equipment are modular and offer a variety of camera type combinations.

Optional 3G and Wifi modules are available for instant reporting and live fleet tracking via the standard GPS module; giving you vehicle location and journey history tracking data.

We provide a choice between 1TB and 2TB hard drives for both units allowing customers to retain footage from all cameras for up to 2 months (depending on usage).

Main Features

- Supports 12ch 8ch x AHD + 4ch IP (12V PoE)
- Modular design for easy maintenance
- Revolutionary anti-vibration technology for 360 degree installation
- Supports 2.5" up to 2TB hard disk, supported SD card for mirror recording of events
- Dual streams for local recording and wireless transmission.
- Internal GPS for location tracking
- Optional internal 3G module for live view and remote data management
- Optional Internal Wi-Fi module for auto downloading
- Built-in inertia sensor (G Sensor) for event Trigger
- 8 x Alarm input Triggers & 2 x Low voltage output triggers

The 12-channel solution offers value for money whilst offering the latest in hybrid mobile multi-camera technology, combining New AHD (Analogue High Definition) and IP camera in a compact reliable hard drive device.

Recording images in a standard of 1080P, our solutions are the latest advancement in High Definition mobile technology, providing high quality images from all cameras; which could be the difference between seeing and incident and not, making all the difference to insurance claims.

CT-HD-MDVR01 - 5Ch Mobile DVR

iC360 12Ch Features;

4 x IP Camera Input (1080p@30FPS)
8 x AHD Camera Inputs (720P @25FPS)
2 x AHD Monitor Output
8 x Input Triggers Sensors
2 x Output Triggers
1 x GPS Module
1 x (Optional) 3G/4G module for live video transfer and instant reporting
1 x (Optional) Wi-Fi module for data transfer and instant reporting in Wifi connected areas

Both have built in GPS and accelerometer as standard providing you with accurate location and speed data and support (optional) 3G/4G & Wi-Fi modules depending on the business requirements.

The trigger inputs allow the MDVR to store valuable video information associated with reversing, door opening and left/ right indication or fuel cap removal for instance. Whilst the output triggers can also help integrate with third party tracking devices.

The operating voltage of our iC360 MDVR ranges from 8v to 36v DC providing power to all the cameras and monitors attached to it, reducing cabling and installation time

The iC360 range come with a 1 year warranty (subject to correct installation and usage) as standard which can be extended to 3 years if required, we also provide a range of Maintenance and Support packages to suit your business needs.

The ROI you gain from our solutions makes them an essential part of your fleet, whether you are trying to improve your drivers' behaviour and in turn reduce fleet costs or help to reduce your insurance premiums our iC360 solutions will "Complete your Fleet"

iC360

Model	CT-HD-MDVR04		
Function Overview	Preview, Recording, Playback, Network, Locating		
System	OS	Linux 3.0.8	
	Control Mode	Mobile Check, VS screen, Network (3G/4G/WIFI), Mouse, Remote controller	
Video	Input	8channel AHD (1080P)+4channel IPC(1080P)	
	Output	2 channels	
	Total Resource	PAL: 8*720P@25FPS (AHD) +4*1080P@30FPS (IPC) Or 8*1080P@12FPS (AHD) +4*1080P@30FPS (IPC) NTSC: 8*720P@30FPS (AHD)+4*1080P@30FPS (IPC) Or 8*1080P@15FPS (AHD)+4*1080P@30FPS (IPC)	
	Video Signal Standard	Electrical level: 1Vpp Impedance: 75Ω NTSC/PAL Optional	
Audio	Input	12 Channels	
	Output	2 Channels	
	Audio Signal Standard	Electrical level: 2Vpp Input impedance: 4.7kΩ	
Display	Display Split	1/4/9 Image display	
	OSD	GPS information, alarm, temperature, acceleration, voltage, device information, software version, MCU version, network status	
	Operation Interface	Semi-transparent GUI	
Recording	Video/Audio Compression	H.264/ADPCM	
	Image Resolution	PAL: 1080P, 720P, WD1(928X576), WHD1(928X288), WCIF(464X288), D1(704X576), HD1(704x288), CIF(352x288); NTSC: 1080P, 720P, WD1(928X480); WHD1(928X240), WCIF(464X240), D1(704x480), HD1(704x240), CIF(352x240); Digital: 720P(1280X720).	
	Image Quality	8 Levels adjustable	
	Recording Mode	Manual/schedule/Alarm (sensor trigger, speed, acceleration, video loss, temperature)	
	Pre-recording	0-60minutes	
	Post-recording	0-30 minutes	
	Mirror Recording	Yes	
Playback	Playback Channel	4 channels by local playback	
	Search Mode	Date/time, channel, event	
Network	3G/4G	EVDO/WCDMA/TDD-LTE/FDD-LTE	
	WIFI	802.11b/g/n	
	Ethernet	RJ45 x 1 (10/100 M/1000M)	
	IPC Ethernet	6-core M12 (4x10/100M, PON power supply)	
Locating	GPS	Location tracking, speed detection and time sync	
Storage	Hard disk	Supports 2.5" hard disk up to 2TB	
Interface	USB	USB2.0 x 2	
	SD	SD Slot x 1	
	SIM	SIM slot x 2	
	RS232	RS232 X 2	
	RS485	RS485 X 2	
	Sensor	8 inputs, 2 outputs	
	Serial	G-sensor (Internal)	
	Speed	1 channel pulse speed detection	
	Intercommunication	1 MIC interface	

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Dimensions

iC360

Product Connection View

Physical Characteristic	Dimension (L × W × H)	295 x 222 x 89 mm
	Weight	2.6Kg
Environment	Operating Temperature	-40℃- +70℃(With heater) or -10℃- +70℃
	Operating Relative Humidity	8%~90%