



M8-PRO MDVR

This system supports a high-speed processor and embedded operating system, incorporating a patented file system to ensure the safety and integration of crucial data. It seamlessly combines advanced H.265/H.264 video compression/decompression technology, cutting-edge network technology, and GPS locating technology for enhanced functionality and performance.

FEATURES

- Supports 6 channels AHD (1080P)+2 channel IPC (1080P) with built in switch
- Modular design for easy maintenance
- Supports 3.5" hard disk up to 10TB and Micro SD card for mirror recording
- With VGA port
- Built-in 3G/4G for live view and remote management



Specs

Function Overview		Preview, Recording, Playback, Network, Locating
System	OS	Linux
	Control Mode	CP4/CP5, Easy Check, Network (3G/4G/WIFI), Mouse
Video	Input	6 channels AHD (1080P)+2 channel IPC (1080P)
	Output	2 channels, CVBS and VGA
	Total Resource	PAL: 6*720P@25FPS (AHD) +2*1080P@30FPS (IPC) Or 6*1080P@20FPS (AHD) +2*1080P@30FPS (IPC) NTSC: 6*720P@30FPS (AHD)+2*1080P@30FPS (IPC) Or 6*1080P@20FPS (AHD)+2*1080P@30FPS (IPC)
	Video Signal Standard	Electrical level: 1Vpp Impedance: 75Ω NTSC/PAL Optional
Audio	Input	8 channels
	Output	1 channel
	Audio Signal Standard	Electrical level: 2Vpp Input impedance: 4.7kΩ
Display	Display Split	1/4/9 Image display
	OSD	GPS information, alarm, acceleration, license plate number, speed, time, etc.
	Operation Interface	GUI

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Recording	Video/Audio Compression	Video: H.265/H.264 Audio: ADPCM, G.711U
	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: 1080P(1920X1080),720P(1280X720)
	Image Quality	8 Levels adjustable
	Recording Mode	Schedule/Alarm(sensor trigger, speed, acceleration, video loss, etc.)
	Post-recording	0-30 minutes
	Mirror Recording	Yes
Playback	Live View (Local)	1/4/9 Screen layout
	Playback Channel(Local)	1 channel by local playback
	Live View (Web)	1/4/9/16 channels preview(Web)
	Playback Channel (Web)	1 channel, 4 channels, 9 channels synchronous playback
	Search Mode	Date/time, channel, event
Network	3G/4G	EVDO/WCDMA/TDD-LTE/FDD-LTE
	WIFI	802.11 a/b/g/n/ac
	Ethernet	RJ45 x 1 (10/100 /1000M)
	IPC Ethernet	RJ45 (2x10/100M, PON power supply)
Locating	GPS	Support internal or external GPS
Storage	Hard disk	Support 1*3.5inch HDD and 1*M.2 SSD. Without FAN: Supports 3.5" hard disk up to 4TB. With FAN(optional): Supports 3.5" hard disk up to 10TB.
Interface	USB	USB2.0(Type-A) x 1 + USB2.0(5-Pin Aviation Connector) x 1
	SD	Micro SD slot x 1
	SIM	SIM slot x 1
	RS232	RS232 x 1
	RS485	RS485 x 2
	CAN	CAN X 1
	Sensor	8 inputs, 2 outputs
	R-Watch	R-Watch X 1
	Speed	1 channel pulse speed detection
	Interface	Touch panel CP4/CP5 Optional
	Intercommunication	1 MIC interface(with CP4)
	VGA	VGA x 1
	Panic	Support (with 1 channel sensor-in and 1 channel sensor-out)
Power	Input	DC8-36V, ACC
	Output	5V@500mA, 12V@500mA
	Power Consumption	<10w (bare machine), 40w(typical scenario power consumption*)
	Standby Power Consumption	≈0W

Physical	Dimension (L x W x H)	348 x189 x 99mm
	Weight	3.03Kg (bare machine)
Environment	Operating Temperature	-40℃ - +70℃ (without hard disk) -40℃ - +50℃ (with hard disk and heater)
	Operating Relative Humidity	15%~95%

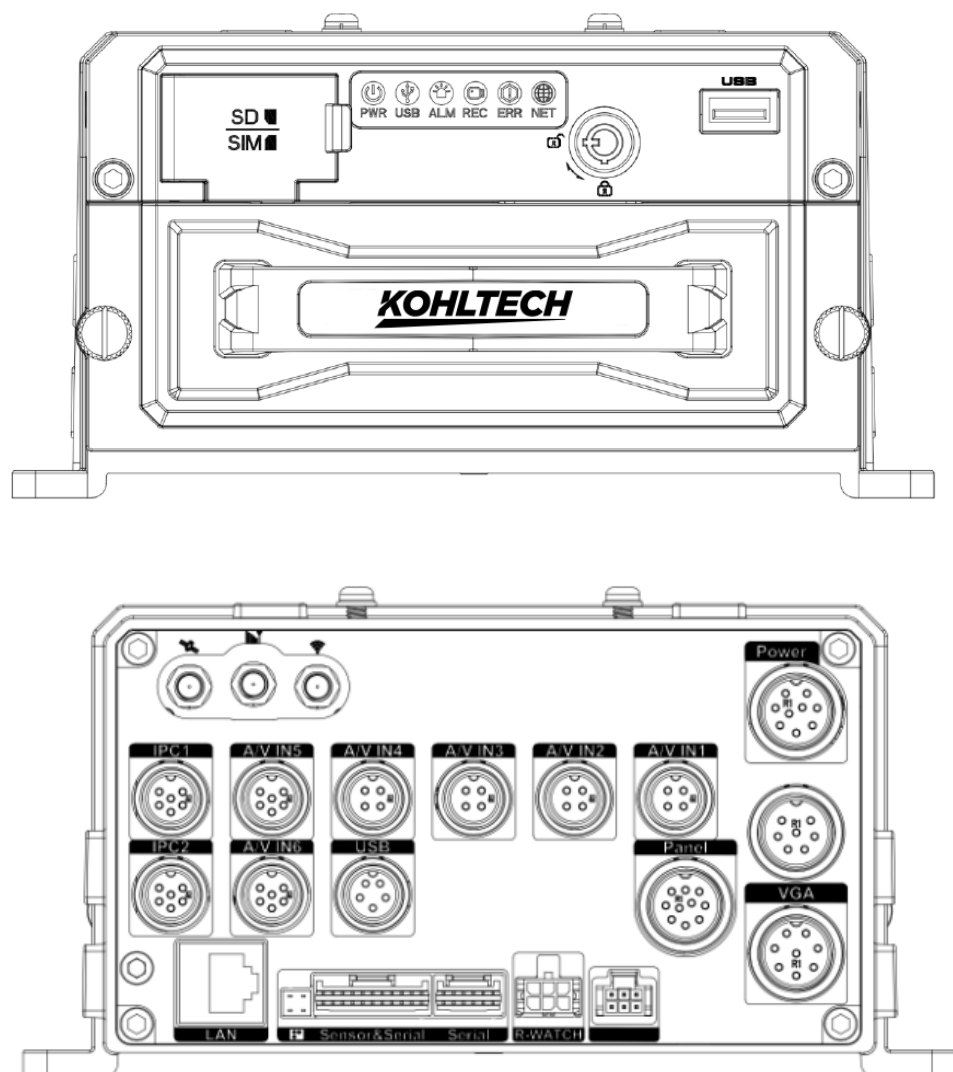
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Drawing

Product design drawing rear panel



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