

SD Card AI MDVR JS2AN-HD

Great for real-time monitoring
anywhere in cellular 4G or Wi-Fi coverage areas



The JS2AN-HD is a highly functional **SD Card AI MDVR** designed for on-board vehicle recording. It supports AI (ADAS & DSM & BSD), it has four ports to record up to four cameras simultaneously and an ethernet port to connect an IP camera.

ADAS (Advanced Driver Assistance System)

Monitor and record the front road safety: lane departure, collision warning, pedestrian warning, etc.

DSM (Driver Status Monitor)

Supervising and recording driver's behaviour: smoking, sleepy, phone call, etc.

BSD (Blind Spot Detection)

Detects objects in the vehicle's blind spot and triggers the audible warning to both driver and outside.


The JS2AN-HD comes with GPS which gives you the option of recording the location and driving route together with the video footage. The DVR can be connected to a monitor so that you can view the cameras in real time in addition to recording them and allows you to view each camera independently or all together in a split view.

The footage records onto two SD cards each with a 256GB capacity giving you a total of 512GB of storage capability. With a solid and compact build, the JS2AN-HD is vibration-proof, installation-friendly and combines powerful functions together with as table performance.

KEY FEATURES

- » 4 channels synchronized A/V recording and playback
- » Option1: Support 2 channels 1080P AHD (DSM & ADAS) + 2 channels 1080P AHD / 960P AHD / 720P AHD / 960H / D1 / CIF + 1 channel IPC (720P / 1080P) Video input
Option2: 4 channels 1080P AHD / 960P AHD / 720P AHD / 960H / D1 / CIF + 1 channel IPC (720P / 1080P) Video input
- » Support ADAS+DSM (optional)
- » Support Blind Spot Detection cameras (optional)
- » Secure Recording to Lockable 2 SD Cards - 512GB total storage capacity
- » Internal G-Sensor, with GPS, 4G and Wi-Fi (5.8 Ghz)
- » 1 WIFI Antenna (download speed up to 5~10Mb/s)
- » On board UPS 8 seconds delay power-off for data protection
- » 8V-36V wide voltage power supply

Product Specifications

Model: JS2AN-HD		Specification	
			
Function	JS2AN-HD		
System	Language	English / Chinese	
	Operation Interface	Graphical User Interface (OSD menu)	
	Password Security	2 Levels: Administrator & User	
AI	DSM (JA-MC921)	Yawning Detection Eyes Closing Detection Smoking Detection Making Phone Calls Detection Distraction Detection Driver Absence Detection Camera Covered Detection Wearing Glasses Detection	
		ADAS (JA-MC920)	Lane Departure Warning Safe Distance Warning Forward Collision Warning Pedestrian Collision Warning
	BSD (Optional)	Blind Spot Detection (front & right)	
Video	Video Input	Option1: Support 2 channels 1080P AHD (DSM & ADAS) + 2 channels 1080P AHD / 960P AHD / 720P AHD / 960H /D1 /CIF + 1 channel IPC (720P /1080P) Video input Option2: 4 channels 1080P AHD / 960P AHD / 720P AHD / 960H /D1 /CIF + 1 channel IPC (720P /1080P) Video input	
	Video Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24 pin I/O Port)	
	Video Display	Single picture, 1~5 pictures	
	Signal System	PAL / NTSC (PAL@100 frame 1080P/sec; NTSC@120 frame 1080P/sec)	
	Image Compression	H.265 /H.264 Main profile	
Audio	Audio Input	4 Channels	
	Audio Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port)	
	Record Format	Synchronized A/V recording	
Recording & Storage	Image Resolution	CIF / HD1 / D1 / 960H / 720P /1080P optional	
	Video Coding	ISO14496-10 Industry Standard	
	Video Bit Rate	CIF: 1536Kbps ~ 128Kbps,	
		HD1/D1: 2048Kbps ~ 400Kbps,	
		960H: 2048Kbps ~ 400Kbps,	
		720P:4096Kbps ~ 400Kbps	
1080P:4096Kbps ~ 400Kbps			
Audio Bit Rate	40Kbps		
Storage	2 SD Card Slots, Up to 256GB each, Class 10 or higher		

For more information, call **+86-755-86019299** or visit **www.icarvisions.com**

E-mail: **sale@icarvisions.com**

Product Specifications

Alarm	Alarm Input	8 Channels, Select Trigger for either less than 1VDC or greater than 5VDC
	Alarm Output	1 Channel, 12V output
Communication Ports	RS485	1 Port for PTZ control or Data Device usage
	RS232	2 Port for communication or data usage
	RJ45 Network	1 Port of RJ45, For connection to an IP camera with maximum of 1080P
	Speed	1 Channel (Optional, shared with the port IO /IN 8)
	CAN	1 Channel (Optional, shared with the port IO /IN 6/7)
Wireless Communication*	3G/4G*	Supported
	Wi-Fi*	Internal Wi-Fi 802.11b/g/n/ac optional
GPS*	Int'l Standard GPS	Internal GPS module. Real-time geographic coordinates, speed information
G-Sensor	Internal G-Sensor	Support 6 axis Gyroscope (G-Sensor), support crash detection, and other detection like harsh breaking, acceleration and
Software	PC Playback	A/V, GPS, Mapview, Speed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MDVR
	IVMS	Wireless (require Wi-Fi or cellular Option) real-time A/V monitoring, GPS, alarms, etc.
Software Upgrade	Local or Remotely	Upgrade through SD card or remotely via IVMS platform
Voltage Input	+8~+36V	8~36VDC Please check operational voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible damage
Voltage Output	12V	12V (+/-0.2V) , Max 3A
ACC Detection	≤4V	Power-off
	≥6V	Power-on
Video Input Resistance	75Ω	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS output analog signal, screen input requires 75Ω resistance
I / O Port	<1V	Low voltage trigger
	>5V	High voltage trigger
Operational Temperature	-25°C ~ 75°C	Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	170x142x50mm	Including Security Cover 170x187x50mm

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Product Specifications



» ADAS Camera

Model	JA-MC920
Image Sensor	1/2.9" CMOS
TV System	PAL / NTSC
Horizontal Resolution	1080P
Lens optional	6mm
Effective Pixel Arrey	1920 H x 1080 V
Min illumination	0.001 Lux
Audio function	N/A
S/N Ratio	>80dB
WDR	D-WDR
IR &Infrared LED Range	N/A
Horizontal angle of view	50°
Tilt Adjusting	Support
Power Supply	DC 12V±5%,65mA±5mA
Dimensions	105*68*43mm
Net Weight	100g
Weatherproof/Water Proof	N/A
Operational Temperature	-25℃~75℃
Operational humidity	<90%
Vedio port	4PIN Aircraft Round Connector Plug

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Product Specifications



» DSM Camera

Model	JA-MC921
Image Sensor	1/3" CMOS
TV System	PAL / NTSC
Horizontal Resolution	1080P
Lens optional	6mm
Effective Pixel Arrey	1920 H x 1080 V
Min illumination	0.001 Lux
Audio function	Support
Speaker	Support
S/N Ratio	>80dB
WDR	D-WDR
IR &Infrared LED Range	IR LED 3535*2 pcs
Horizontal angle of view	50°
Tilt Adjusting	Support
Power Supply	DC 12V±5%,165mA±5mA
Dimensions	80*86.5*37.5mm
Net Weight	150g
Weatherproof/Water Proof	N/A
Operational Temperature	-25℃~75℃
Operational humidity	<90%
Video port	10PIN Aircraft Round Connector Plug

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Product link



Link: <https://bit.ly/3B1s50M>

DEPLOY VIRTUALLY ANYWHERE

Leverage 4G infrastructure to transmit video evidence practically anywhere you have cell phone reception.

iCarView

<https://apps.apple.com/cn/app/icarview/id1064405427>

<https://www.icarvisions.com/dd/iCarView.apk>

EVIDENCE SECURITY

The built-in high capacity security-grade hard drive means you never have to worry about losing important video evidence from a lost connection. Dual-streaming provides high-resolution local recording and adjustable resolution to manage file sizes and bandwidth for viewing video over 4G networks.

REMOTE OBSERVATION

Monitor and manage multiple video streams in real time for incredible flexibility and remote capability. Conveniently access your mobile DVR from laptops and smartphones.

OPTIONS AND CUSTOMIZATION

A wide variety of concealments are available. Turn-key packages can be built to match your agency's specific need.

EXPERT ADVICE

To learn more and get expert advice on how to use the MDVR JS2AN-HD for your remote surveillance application, call our expert LE division sales team. The team is comprised of veteran law enforcement officers who have the technical know-how to develop the perfect solution for your agency's needs.

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