



MDVR-504

4 Channel 4G GPS VGA MDVR

1080P | 4 channels | 256G

H.265 / H.264 dual encoding

Smart power management

Built-in supercapacitor

Interfaces

Built-in G-sensor

Shenzhen Jifuan Intelligent Technology Co., Ltd.

Building 9, West District, Zhangge Community, Fucheng Street,
Longhua District, Shenzhen, China

OEM & ODM welcome - custom logo, packaging, connectors,
cable length and firmware available on request.

+86 188 7400 7838 (WhatsApp / WeChat)

info@jfacam.com

www.jfacam.com | www.antuvision.com

Key Features & Specifications

KEY FEATURES

- 4-channel 1080P mobile DVR with SD card storage (card machine), no hard disk
- 4CH 1080P AHD / TVI / CVI / CVBS + 1CH IPC five-in-one video input, 4-way 25fps real-time encoding
- H.265 / H.264 dual encoding: about half the storage of H.264 at the same image quality
- Dual SD card slots, up to 512GB per card (folder parameter lists 2 x 256GB, to be confirmed)
- 9-36V DC professional vehicle power supply with under-voltage / short-circuit / reverse-connection protection
- Smart power management: low-voltage automatic shutdown, low consumption after flame-out

TECHNICAL SPECIFICATION

Channels	4 channels
Storage	256G
Power Supply	DC 8-36 V
Resolution	1080P
Connectivity	4G, GPS, WiFi, ADAS / DMS optional
Video Input	AHD 1080P / 720P, IPC supported

ORDERING REFERENCE / AVAILABLE VARIANTS

4ch SD mdvr support 720p camera support 256G SD*1 with 4G,GPS,WIFI Power input power: 8-36V; Output voltage: 12V/2A; Working temperature -20°C--60°C default VGA video out | 1080p, without 4g gps wifi

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- **Built-in supercapacitor:** no data loss or card damage on sudden power outage
- GNSS GPS / BD / GLONASS built in, high sensitivity, fast positioning, GPS drift suppression algorithm
- Built-in 4G module (LTE / HSPA / WCDMA); WiFi module optional (802.11b/g/n, 2.4GHz)
- **Interfaces:** CAN, RS232, RS485, TTL, 1-WIRE, speed pulse, 9 alarm inputs, 2 alarm outputs
- **Built-in G-sensor:** harsh acceleration / deceleration / turning, rollover and collision alarms
- Reversing image ranging assistance; image horizontal / vertical mirror adjustment

ORDERING NOTES

- **Video system:** confirm AHD 720P / 1080P or CVBS, and PAL / NTSC before ordering.
- **Image mode:** confirm mirror or non-mirror image, and whether parking guide lines are required.
- **Connector:** confirm 4-pin aviation or RCA, plus cable length (standard 0.3-0.5 m pigtail; 1 m / 5 m / 10 m available) and pinout for your harness.
- Lens angle and mounting position: confirm the required angle and where the camera is fitted (side / rear / front / cabin).
- **Voltage:** confirm your vehicle system - 12V and 24V versions are both available.
- Quantity, packing (colour box / neutral box) and printing or logo requirements.
- **Mounting bracket:** confirm the bracket type and screw thread your vehicle needs.
- Default specification has no parking guide lines. Other angles, NTSC or mirror versions must be confirmed in advance.

USAGE & PRECAUTIONS

- Check the supply voltage and polarity before connecting power; wrong wiring can damage the camera.
- Keep the waterproof connector tight and seal the joint; do not cut or extend the pigtail.
- Route the cable away from heat sources, sharp edges and moving parts, and secure it with clips.
- Clean the lens and the IR window with a soft cloth only; avoid high-pressure washing directly at the lens or connector.
- Do not open the sealed housing - doing so voids the waterproof rating and the warranty.
- A dirty lens or IR window reduces night image quality, so check them during regular maintenance.

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Product Views & Applications



TYPICAL APPLICATIONS

Fleet Telematics

Trucks & Trailers

Buses & Coaches

Taxis & Ride-Hailing

Insurance & Evidence

CUSTOMISATION AVAILABLE

- **Channels and camera type:** confirm 1 / 2 / 3 / 4 / 8 channels and camera model.
- **Storage:** SD card or 2TB SSD / HDD; confirm recording days required.
- **Connectivity:** 4G, GPS, WiFi, ADAS / DMS - confirmed per order.
- **Platform:** confirm whether our CMSV platform is required (license cost separate).
- **Branding:** neutral or customer-branded packaging and labels.