MDVR-282L

4 Channel BSD AI DMS ADAS 4G GPS CVBS MDVR

trigger full-screen display function | 4 channels | 2TB

Personnel approach warning

Shenzhen Jifuan Intelligent Technology Co., Ltd.
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OEM & ODM welcome - custom logo, packaging, connectors, cable length and firmware available on request.

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OVERVIEW

Key Features & Specifications

KEY FEATURES

- Super mini housing 131 x 120 x 47 mm, only 480 g, yet supports M.2 SATA SSD up to 2TB
- 4-channel 1080P / 720P AHD audio and video synchronized real-time recording and playback
- AI active safety warning device for on-site vehicles (excavator / construction machinery)
- **Personnel approach warning:** identifies people around the machine and alerts the driver
- Driver abnormal driving behaviour warning (DSM is standard)
- BSD outside blind spot detection standard 1 channel

TECHNICAL SPECIFICATION

Video Input	4 channels, 1.0Vp-p, 75
Video Output	Support camera resolution: 1080P, 720P, D1
Recording	function
Resolution	trigger full-screen display function
Alarm Output	input 4 switch inputs
Channels	4 channels
Storage	2TB
Power Supply	DC 9-36 V
Connectivity	4G, GPS, WiFi, ADAS / DMS optional

ORDERING REFERENCE / AVAILABLE VARIANTS

Small 4CH mdvr support 2TB SSD,BSD DMS ADAD function optinal CAT4 1080P, 720P, D1 4ch support Support 4G,GPS without WIFI Support 2TB+512GB*1 Power input power: 9-36V; Output voltage: 12V/2A; Working temperature -20°C--60°C VGA and cvbs video out same time default with intercom function Built-in super capacitor to avoid abnormal power failure data loss and disk damage.lasting for 10s

SELLING POINTS & NOTES

Selling Points, Ordering & Usage Notes

PRODUCT SELLING POINTS

- ADAS lane departure / pedestrian / vehicle distance detection optional
- Built-in BD + GPS dual-mode module with wide coverage
- Built-in 2 SD card slots, 512G each; supports M.2 interface SATA SSD up to 2TB
- 4 alarm inputs and 1 alarm output, good scalability
- 1 x RS485 + 1 x RS232 + 1 x USB + optional 10M/100M network port
- Built-in 3-axis accelerometer and 3-axis gyroscope sensor, supports TTS voice output

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 WDR function and no parking guide lines. Other angles or NTSC 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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IN DETAIL

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.