

MDVR systems, model WD12

WD12 Mini Dual-SD MDVR

Compact 4-channel 1080p MDVR with dual SD, AI and JT/T 808/1078

The WD12 is a compact 4G mobile DVR that records four 1080p cameras in H.264 or H.265 to two SD cards, up to 512 GB. It supports ADAS and DMS, with BSD as an option, has GPS and BeiDou, Wi-Fi, JT/T 808, JT/T 1078 and GB/T 28181 support, and runs on 9–36 V at under 12 W.



Four 1080p channels

Road, driver, doors and rear on one recorder of 120 × 120 × 46 mm.

About 66 hours on 512 GB

Four 1080p cameras at standard quality on two SD cards; about twice that in H.265.

Open protocols

JT/T 808, JT/T 1078 and GB/T 28181 for third-party platforms, as well as Traqcare.

Low power, wide input

9–36 V input with protection circuits and under 12 W of power draw.

Video

Cameras	4 × 1080p
Codec	H.264 / H.265
Video standard	PAL / NTSC
Quality levels	1–8
Output	CVBS; VGA on request

AI safety

ADAS	Forward collision (FCW), lane departure (LDW)
DMS	Fatigue, distraction, smoking
BSD (optional)	Blind-spot detection
360° view	WD12-B version
Accelerometer	3-axis

Connectivity

Network	4G LTE (TDD/FDD), Wi-Fi 802.11 b/g/n
Positioning	GPS / BeiDou, external module

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Specifications may change with firmware and hardware version. Confirm before ordering.

<https://dashcamforcars.com/product/wd12-mini-dual-sd-card-mobile-dvr/>

Protocols	JT/T 808 (2011 and 2019), JT/T 905.2, JT/T 1076, JT/T 1078, GB/T 28181
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Storage

Memory cards	Two SD cards, up to 512 GB; files are encrypted on the card
Recording	Automatic, ignition-triggered and alarm recording; delayed shutdown
Updates	SD card, USB drive or remote (FTP)

Power & build

Input voltage	9–36 V; overload, under-voltage, short-circuit and reverse-polarity protection
Power output	12 V and 5 V, 1 A each
Power draw	< 12 W, without cameras
Battery monitor	Alert when the supply falls below a level you set
Operating temperature	-20 °C to +70 °C
Housing	Aluminium alloy, 120 × 120 × 46 mm, 450 g
Operating system	Linux
Security	Locked SD and SIM cover; user and administrator passwords

Interfaces

Alarm inputs	4 × switch, 1 × emergency
Alarm output	1 × switch
Serial	RS232 and RS485

Last updated 2026-10-01. Request a quote: <https://dashcamforcars.com/contact-us/>