

MDVR systems, model WD10

WD10 AI MDVR

4- or 8-channel AI MDVR with up to 2 TB HDD and optional 4G

The WD10 is a hard-disk mobile DVR for buses and trucks. It records four 1080p or eight 720p cameras in H.264 or H.265 to a disk of up to 2 TB, with an SD card as backup. It supports ADAS, DMS, BSD and passenger counting, runs on 10–36 V, and takes optional 4G, GPS and Wi-Fi modules.



Up to 2 TB hard disk

About 170 hours from eight 720p cameras, or 260 hours from four 1080p cameras, before the loop overwrites.

10–36 V input

Wide-voltage power with protection circuits, for 12 V and 24 V vehicles.

Four AI channels

One ADAS, one DMS and two BSD cameras run together, with the matching cameras connected.

Optional 4G module

Live video, playback and intercom in the Traqcare app and web platform.

Video

Cameras	4 × 1080p or 8 × 720p
Resolution	1080p, 720p, D1, HD1, CIF
Codec	H.264 / H.265
Output	VGA and aviation connector

AI safety

AI channels	Up to 4 at once: 1 ADAS, 1 DMS and 2 BSD
ADAS	Lane departure, pedestrian detection, vehicle distance warning
DMS	Closed eyes, yawning, distraction, phone calls, smoking, face lost, blocked camera
BSD	Left and right blind-zone alarms
Passenger counting	1–4 doors; not at the same time as ADAS and DMS; 2 channels per counter

Connectivity

Network	4G, Wi-Fi and GPS modules (optional)
Platform	Traqcare app and web platform: live view, playback, intercom, screenshots
Platform connections	Up to 4 at the same time

Storage

Primary	Hard disk up to 2 TB
Backup	SD card up to 256 GB
Recording	Loop, timed and alarm recording; up to 24 hours after ignition off; capacitor power-failure protection

Power & build

Input voltage	10–36 V DC; overload, under-voltage, short-circuit and reverse-polarity protection
Power output	12 V DC for cameras and a monitor
Power draw	max 10 W
Operating temperature	-20 °C to +70 °C
Size and weight	161 × 159 × 63 mm, 1.1 kg
Security	User and administrator passwords

Interfaces

Alarm inputs	4 × IO
Serial	1 × RS232 (card reader, fuel sensor), 1 × RS485 (pan-tilt camera)

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