

MWD-A202-GWM

4CH 2+2 AI Dashcam



Features

- Up to 4ch 1080p video input
- SD storage for recording
- GPS/Wi-Fi/4G wireless communication
- Built-in mic and speaker with two-way communication
- H.264/H.265 video compression formats
- 6-axis G-sensor HA/HB/HC detection
- AI Face recognition, DMS and ADAS functions
- iMW Fleet Management Platform
(Web Client and App support)



Specification

Model		MWD-A202-GWM
System		
OS	Linux	
Audio/Video		
Front view camera	Diagonal angle: 150-degree, horizontal angle:116 degree	
Driver camera	Diagonal angle: 170-degree, horizontal angle:150 degree	
Ch 3&4	Extend I/O cable (optional)	
Video compression	H.265 (Main/Sub); H.264 (Main/Sub)	
Audio Input	2	
Audio Output	1	
Video frame rate	30fps@1080p	
Storage		
SD Card	TF/SD 512GB	
Recording mode	Full time recording, motion recording, alarm recording, scheduled recording	
Video quality	Quality level setting 1-8	
Pre alarm recording	0-60s (1 min)	
Post alarm recording	0-1800s (30 min)	

Network	
4G	Built-in 4G module (standard
WIFI	Built-in 2.4 WIFI module, AP/Station mode (standard
GPS	Built-in GPS BEIDOU module (standard
G-sensor	Built-in 6 axis G-sensor (standard)
Bluetooth	Supported wireless sensor (standard)
I/O Interface expansion cable (optional)	
USB	1 x Type C export video and maintenance
CH3/CH4	Camera channel 3 & 4 input
Input	2 x digital inputs
Output	1 x digital outputs
RS232	1 TX, 1RX
Panic button	Wired panic button (Optional)
Speaker	1 (built-in) 8 ohm, 1.5W
Mic	1 (built-in), Support GSM/VoLTE 2-way audio
Communications	
Protocol	Supports Dual Server: H-protocol
Encryption	AES256
AI	
Video alarm	Video blocked; motion detection
G-sensor alarm	Harsh acceleration, Harsh braking, Harsh cornering, Impact (Crash), Rollover
Privacy protection mode	Driver privacy protection mode
Speed alarm	High speed warning, high speed alarm, low speed warning, low speed alarm, excessive overspeed alarm
ADAS	FCW (Forward Collision Warning), HMW (Headway Monitoring Warning), LDW (Lane Departure Warning), PCW (Pedestrian Collision Warning).
DMS	Face recognition, closed eyes, yawning, distracted, smoking, using phone, camera blocking, IR sunglass blocking, driver abnormality, driver detection, seat belt compliance, driver change, no driver and driver return.
Environment	
Working voltage	8-36V DC
Protection of power loss	Support saving crucial video clips when power loss or critical accidents
Sleep Mode	Support low-power mode after ignition off
Working temperature	-4°F to 158°F
Dimensions	4.25" H X 4.5" W X 3" D
Protection level	IP54

Dimensions (unit: IN)

