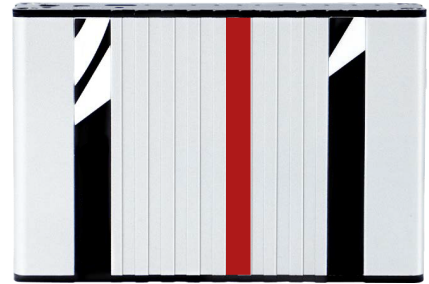


MDVR



SPECIFICATION

Audio And Video

Audio input

4-channel camera Mic input
1-channel 3.5 mm headphone jack input

Audio output

1-channel 3.5 mm headphone jack output

Audio compression

ACC

Recording method

General recording/alert video

Video input

Support 1-channel DMS, 1-channel ADAS, and 2-channel 720p cameras Voltage output: 5 V/0.5 A

Video output

Storage stream: D1 (704*576), WD1 (960*576), and 720p (1280*720) Live stream: CIF (352*288) and D1 (704*576)

Video search & playback

Based on the channel, recording type, bit rate type, or time

Video compression

H.264 (Support RTMP and AVMSG video streams)

Communication and Positioning

GSM

4G (LTE Cat 6), 3G, 2G

GNSS antenna

GPS/BeiDou/GLONASS

WiFi

Internal WiFi module. Support WiFi

802.11a/802.11b/802.11g/802.11n/802.11ac. Frequency: 2.4 GHz or 5 GHz. Support AP/STA mode.

Bluetooth

Internal Bluetooth module. Support BT2.1 + EDR/3.0/4.1 LE/4.2BLE

Positioning mode

GPS/GPS_BEIDOU/GPS_GLONASS

Power Supply

Rated voltage

DC: 11–36 V. Rated input: 12 V/2 A

Power consumption

Static working: 65 mA

Normal working: 600 mA (Maximum: 1100 mA) Sleep mode: 15 mA

Hardware

Operation system

Android

Storage medium

Micro SD card: Up to 256 GB (a class 10 or above micro SD card)

Built-in sensor

Built-in 3-axis accelerometer

Operating temperature/humidity

-20°C to 70°C (without battery)

Dimensions

120 mm x 70 mm x 25 mm

Weight

300g

Frequency Band

Africa/Europe/Middle East

MD500S-E

LTE FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28

LTE TDD: B38/B39/B40/B41

WCDMA: B1/B2/B4/B5/B8

GSM: 850/900/1800/1900MHz

Americas

MD500S-A

LTE FDD: B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/

B66/B71 LTE TDD: B41 , WCDMA: B2/B4/B5

Japan

MD500S-J

LTE FDD: 1/B3/B5/B8/B11/B18/B19/
B21/B26/B28

LTE TDD: B41

WCDMA: B1/B6/B8/B19

Thailand

MD500S

LTE FDD: B1/B3/B7/B8/B20/B28

LTE TDD: B38/B40

WCDMA: B1/B8

GSM: 900/1800MHz

Others

Certification

CE

Supported Peripherals

RFID	√
iButton	√
Relay (12V/24V)	√
Ultrasonic fuel level sensor	√
Fuel level sensor	√
Digital temperature sensor	√
Camera	√

Interfaces

Audio interface: 3.5 mm audio interface, connected to the speaker or microphone.

I/O port: 4 x AV-IN, 4 x Din, 2 x Dout, 2 x AD, 1 x 1-wire, 1 x RS232, 1 x CAN, 1 x AUDIO

We have several models adaptable to any solution, depending on the installation conditions or specific requirements.

