![Meitrack® logo]

# Mini 2CH 1080P TF Card Mobile DVR

## MD533S

### Meitrack's Smallest Mobile DVR

25mm
115mm
120mm

### DUAL SYSTEMS: MDVR+TRACKER

Remain the advantages of GPS tracking, and add DVR functions to meet more demands of applications.

### HIGH STABILITY

Independent 4G communication. The tracker and peripherals can work properly no matter when the ACC is on or off.

### VIDEO RECORDING

2-channel 1080P live video recording, support OSD overlay for video recording.
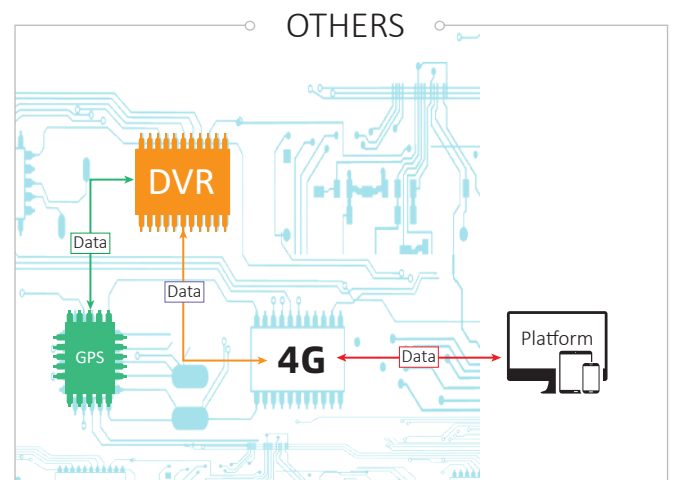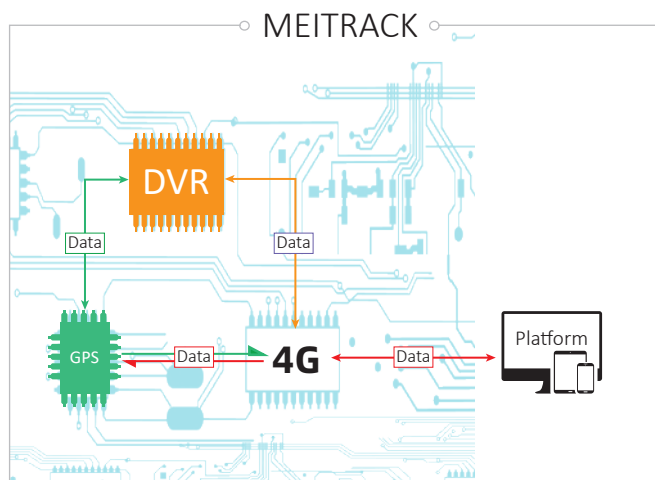
### ALL-IN-ONE PLATFORM

The MS03 platform that integrates video surveillance with GPS tracking.

### VIDEO MANAGEMENT VIA WIFI

The user can preview, playback and download videos and configure the device on the MTViewer APP via WiFi.

## Working Principles: Meitrack VS Other Manufacturers

### MEITRACK

DVR
Data
Data
GPS
Data
4G
Data
Platform

### OTHERS

DVR
Data
Data
GPS
4G
Data
Platform

# SPECIFICATIONS

| ITEM | PARAMETER | SPECIFICATIONS |
|---|---|---|
| Audio and video | Video input | 2-channel 1080P@25fps live video recording<br>Support D1/720P/1080P and self-adaptive PAL and NTSC formats |
| | Video output | 1-channel CVBS |
| | Compression standard | H.264/H.265 (optional) |
| | Video display | Support one-video and two-video display |
| | Audio compression | G.711A/G.726 (optional) |
| | Audio input | 2-channel camera Mic input. The audio function is required for the camera.<br>1-channel handset input<br>1-channel 3.5 mm headphone jack input (GSM audio interface) |
| | Audio output | 1-channel handset/CVBS display output<br>1-channel 3.5 mm headphone jack output (GSM audio interface) |
| | Video search and playback | Search and play back videos based on the channel, recording type, bit rate type, or time. |
| | Recording method | Simultaneously record general videos and alert videos as well as sounds and videos. |
| | Storage medium | 1 TF card, up to 512GB |
| Communication and positioning | 2G/3G/4G | MD533S-E<br>    GSM: B3/B8, WCDMA: B1/B8<br>    LTE FDD: B1/B3/B7/B8/B20/B28A<br>MD533S-A<br>    WCDMA: B2/B4/B5, LTE FDD: B2B4/B12<br>MD533S-AU<br>    GSM: B2/B3/B5/B8, WCDMA: B1/B2/B5/B8<br>    LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28<br>    LTE TDD: B40<br>MD533S-J<br>    WCDMA: B1/B6/B8/B19<br>    LTE FDD: B1/B3/B8/B18/B19/B26, LTE TDD: B41<br>MD533S-G<br>    GSM: B2/B3/B5/B8<br>    WCDMA: B1/B2/B4/B5/B6/B8/B19<br>    LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B25/B26/B18/B19/B20/B28<br>    LTE TDD: B38/B39/B40/B41 |
| | WiFi | 802.11 b/g/n; frequency: 2.4 GHz; support AP/STA mode |
| | GPS/GLONASS | Detect the insertion, pull-out, and short circuit of the antenna |
| Others | Dimension | 120 mm x 115 mm x 25mm |
| | Weight | 300g |
| | Power input | DC: 11–36V. Rated input: 12 V/1.5 A |
| | Power consumption | Start the host audio and video: about 6 W<br>Connect two cameras: about 7.5 W in the daytime (a display connected: 11 W);<br>about 8.5 W at night (a display connected: 12 W)<br>Connect a single camera: 50–100 mA in the daytime; 100–150 mA at night |
| | Operating temperature | -20°C to 70°C |
| | SPI memory | 16 MB flash. Used to store data in blind spots. |
| | Built-in 3-axis accelerometer | Support Start to Move / Stop Moving detection. |
| | I/O port | 2 x AV-IN, 4 x Din, 2 x Dout, 2 x AD, 1 x 1-wire, 2 x RS232,<br>1 x RS485, 1 x CAN, 1 x AV-OUT, 1 x AUDIO |

## ACCESSORIES

MD533S MDVR
I/O cable
USB cable
GPS antenna
4G antenna
WiFi antenna
CD download card

## OPTIONAL ACCESSORIES

Cameras(1080P/720P/D1)
Camera extension cable
TF card
Conversion cable
CVBS display
A95 handset
A76 ultrasonic fuel level sensor
A53 fuel level sensor

A61 sensor box
A52 digital temperature sensor
RFID reader
RFID tag
iButton reader
iButton key
2-pin microphone
2-pin speaker

CE  NBTC