

- High Performance AI Chipset
- Up to 5 HD Video Channels
- Supports ADAS + DMS + BSD
- Built-in 10.1" Touch Screen
- Multi-Platform Connection

M503

Smart 4G Vehicle Video Terminal
with Full Featured Telematics

<https://www.anyixing.com>

- Location Tracking
- LTE 4G High Speed Connectivity
- Live Streaming Video
- History Video Playback & Download
- Remote Engine Cut-off
- Built-in Mic and Speaker
- Wi-Fi with AP & Station Mode
- Parking Monitor
- Extended RS232 Sensors
- OTA Firmware Update
- mSATA SSD Storage (Optional)
- Panic Button (Optional)



Standard Version



Pro Version

The M503 is an all-in-one fleet video telematics terminal that integrates GNSS positioning, HD video recording, AI-powered safety functions, and an onboard display. Designed for fleet management, dispatching, and driver safety, it helps improve operational efficiency while promoting safer and more compliant driving.

Powered by advanced AI algorithms, the M503 supports ADAS, DMS, and BSD to detect driving risks in real time and provide proactive safety alerts. It supports up to five 1080P camera channels, offers flexible installation and excellent vibration resistance, and is ideal for buses, logistics, and commercial fleets. The **Pro** version features a waterproof design, making it suitable for more demanding operating environments and harsh weather conditions.

Applications:



Cargo Logistics



Public Transportation



Mining Vehicles



School Bus

General

Operating System	Linux
Dimensions	25*17*3.5 cm
Weight	Standard Version: 1.83kg Pro Version: 2.53kg
Color	Black
Power Supply	9-36VDC
Power Lost Protection	Super capacitor provides 10-15s of safe power backup (Optional)
Operating Temperature	-20 ~ +70 °C
Operating Humidity	10%-90% Non-condensing

Hardware

CPU	32-bit RISC CPU 1GHz, 1T NPU
RAM	2Gb DDR3
External Storage	1* SD card, max. 1TB , 1* MSATA SSD (Standard Version: Optional, Pro Version: Built-in)
G-Sensor	3 Axis Accelerometer
GNSS	Multiple Positioning Mode
SIM Card	Standard SIM
I/O	ACC * 1, SOS * 1, Relay * 1, DIN * 3, RS232 * 2, VOUT * 1 (Pro Version: VOUT * 3)
Screen	10.1” 720P ISP Screen
USB Port	Standard Version: Type A Pro Version: Type C

AI Events

ADAS	FCW, HMW, LDW, PCW
DMS	Eye Close, Yawning, Distraction, Smoking, Phone Use, Driver Ab-normal, IR Blocking, Seatbelt Unfastend, Driver Face Recognition
BSD	Front, Left, Right and Back Blind Spot Detection

Network

Cellular	LTE Cat 4 + WCDMA	
Frequency Bands	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 WCDMA: B1/B8	CN, IN
	LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD: B38/B40/B41 WCDMA: B1/B5/B8	EMEA
	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B28/B66 LTE-TDD: B38/B40/B41 WCDMA: B1/B2/B4/B5/B8	LATAM
Wi-Fi	802.11b/g/n 2.4G, supports AP & station mode	
Protocol	JT/T 808-2013, JT/T 808-2019 JT/T1078-2016, T/JSATL12–2017	

Video/Audio

Channels	External 5CH * 1080P	
Video Encoding	H.264	
Audio Encoding	AAC/G.711A	
Frame Rate	15 FPS	
Microphone	Built-in	
Speaker	Built-in, 1.5 Watts	
Recording Quality	Main and Sub Stream, Adjustable Resolution	
Recording Mode	ACC ON Recording, Time Lapse Recording, Event Recording	
Audio Control	Enable / Mute	
Voice Volume	1-10 levels	
Video Format	MP4	
Image Format	JPG	