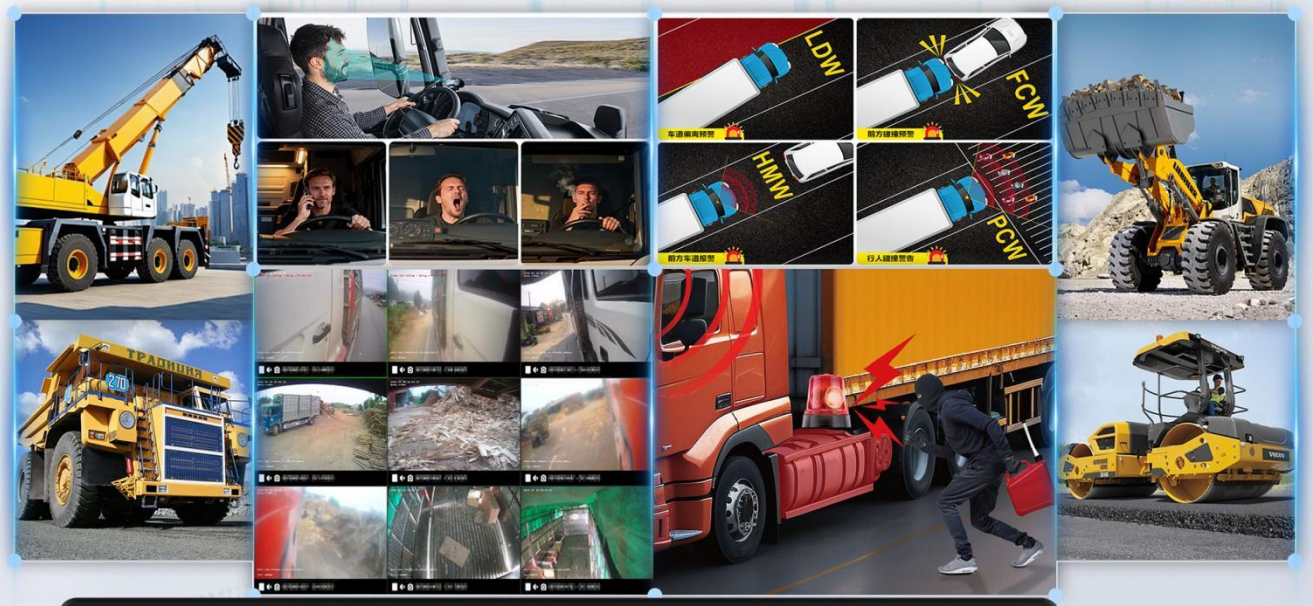
10.36-inch IPS 4G 5CH AI Blind Spot Integrated Video Recorder



Product Manual

Supported protocols: JT808, JT1078

Key advantages

◆ Default 4G full-network compatibility with 7-mode support, BeiDou GPS, and single TF card storage
◆Supports 2K/4K HD real-time storage

◆ Compatible with 2MP, 1.3MP, and 1MP coaxial 5-channel AHD HD cameras

◆Wide voltage input range of 9V-36V, automatic shutdown at low voltage, and screen-off protection function
◆TF Card storage (each card supports up to 512GB)
◆AHD HD, video horizontal and vertical mirroring adjustment
◆ All-in-one device with simple and convenient installation
◆Each device can set its own startup logo
◆The AI algorithm optionally supports ADAS/DMS/BSD systems
◆RS232/RS485 (expandable)
◆Supports optional display configurations: single-screen, dual-screen, triple-screen, quad-screen, and quintuple-screen displays

Product Features

◆ H.264/H.265 video encoding with 5-channel AHD input supporting 2MP HD video and analog SD input.

◆ Professional automotive power supply design with 9-36V DC wide voltage input; reverse polarity protection circuit, compatible with various vehicles;

◆ TF card data recording (supports high-capacity TF cards, up to 512GB per card)

◆ Delayed video recording function for fire extinguishing (time adjustable up to 48 hours);

◆ Supports GPS/BD and optional 4G/5G module expansion;

◆ Software upgrades can be performed via TF card; remote operation and maintenance upgrades are available

◆Live video, real-time positioning, trajectory playback, video playback, real-time speed

◆Mobile phone monitoring, computer monitoring, fleet management, 24/7 surveillance, parking monitoring

◆Wide voltage range, IPS display, HD imaging, voice control, and full-screen reversing display.

◆ Displays vehicle information including driving status, license plate, and route for easy management;

◆ Remote support for audio/video surveillance, including speed limit violation alerts, boundary crossing alerts, and line deviation alerts;

Product Specifications

project Q906		parameter
system parameter	operating system	Linux
	System language	Chinese, English, and other languages (customizable)
	video coding	H.265/H264 video encoding
	OSD	Character overlay feature supports overlaying GPS location information, time and date, vehicle ID, and other data images
Video Recording and Storage	memory	Supports up to 1×512GB high-capacity TF card
	Upgrade method	Supports local and remote TF card upgrades
	Video mode	Start recording
	file system	exFAT32 file system
	Video playback	Supports remote playback and local playback
Communication and Positioning	remote monitor and control	Supports 4G/5G remote video surveillance
	networking protocol	Supports JT/T 808 2013/2019
	locate function	GPS/Beidou positioning
	device management	Supports remote operation and maintenance configuration parameters
CPU and Algorithms	Master control chip	HiSilicon chips
	AI computing power	Built-in NPU, approximately 2 TOPS
	AI algorithm	Supports ADAS/DMS/BSD
Alarm function	Alarm function	Excessive speed alarm, IO alarm
	IO joggle	4 alarm input channels, 2 alarm output channels
Video features	video in	5-channel AHD video input
	video monitor 525 vidicon video out	1-channel RGB/MIPI video output
	Video format	PAL / NTSC
	Video resolution	Supports 1080P HD display
	Video preview	Supports multi-channel real-time preview
Audio settings	Audio input	Route 1
	Audio output	Route 1
interface parameters	USB joggle	1 USB 2.0 port
	SIM card slot	1
	Antenna interface	4G antenna, GPS antenna
	gorge line	RS232/RS485 (expandable)
Power Supply and Power Consumption	Power Management	Adaptive wide-range power input with reverse connection protection; Supports delayed shutdown
	input voltage	DC:+9V-+36V
	output voltage	+12V@1.5A
	power dissipation	Normal operating state <20W, standby state <7W
work environment	working temperature	-20℃-+70℃
	Working humidity	20%-80%
size	size	The device measures 10.1 inches in size (265.99mm (L) * 32.4mm (W) * 130mm (H), excluding the stand).
	weight	1.45KG screen-mounted bracket with complete packaging accessories

Supports the Ministry of Transport standard agreements JT808，JT1078

You can launch up to 2 IP departmental platforms simultaneously

Develop remote operation and maintenance tools.

Video surveillance platform:

The monitoring equipment uses platform software such as CMSV6, CMSV7，51.

Download the 4G real-time monitoring platform at：

1、http://43.248.128.203:8080/

2、https://gps51.com/#/login?lg=en

1. Platform login interface:

Supports real-time video, location tracking, image capture, alarm linkage, and remote playback

Supports web interface management, desktop client viewing, and real-time mobile viewing.

Supports multiple languages and offers free data forwarding through the API.

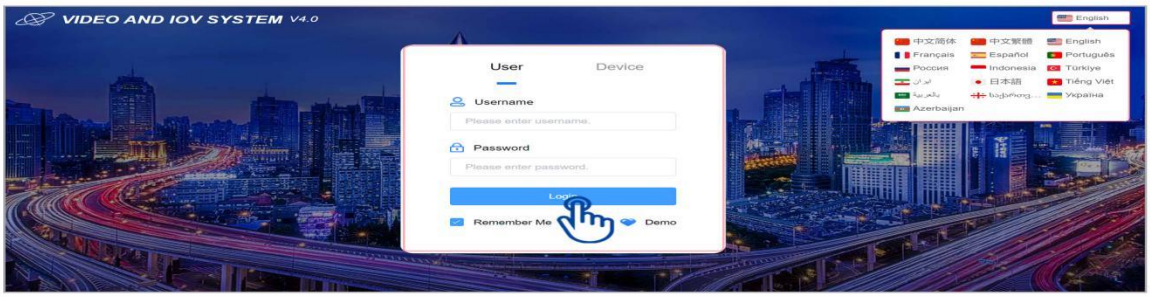
51 Platform Login System：

51 platform

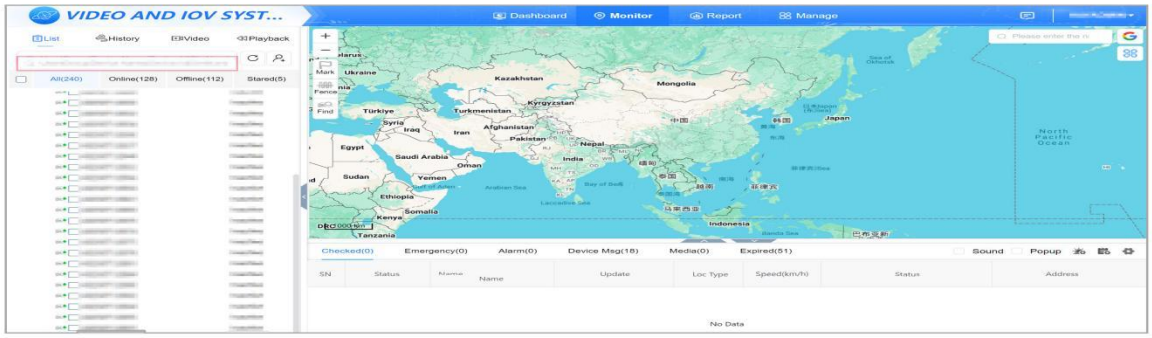
Supports real-time video, location tracking, image capture, alarm linkage, remote playback, web management interface, computer client viewing, and mobile real-time viewing.Supports multiple languages and provides free API data forwarding.

web browser

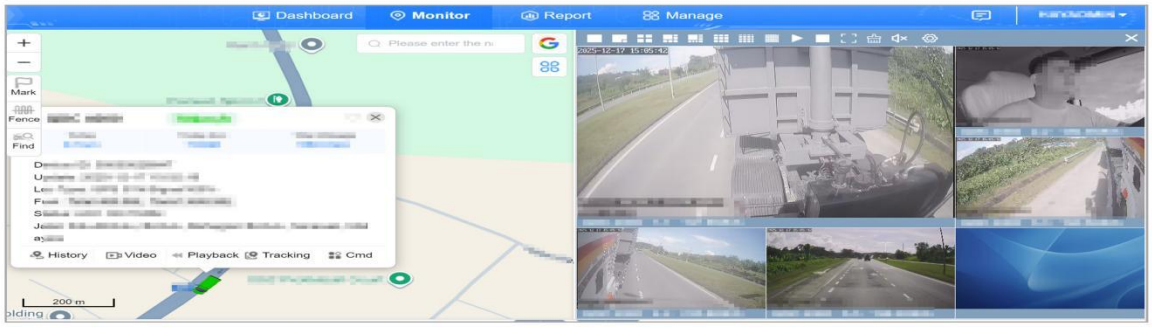
1.Switch languages in the top-right corner. Enter your account and password in the middle message box, then click Register to access the system.



2.After entering the main page, you can search for vehicles and view their information.

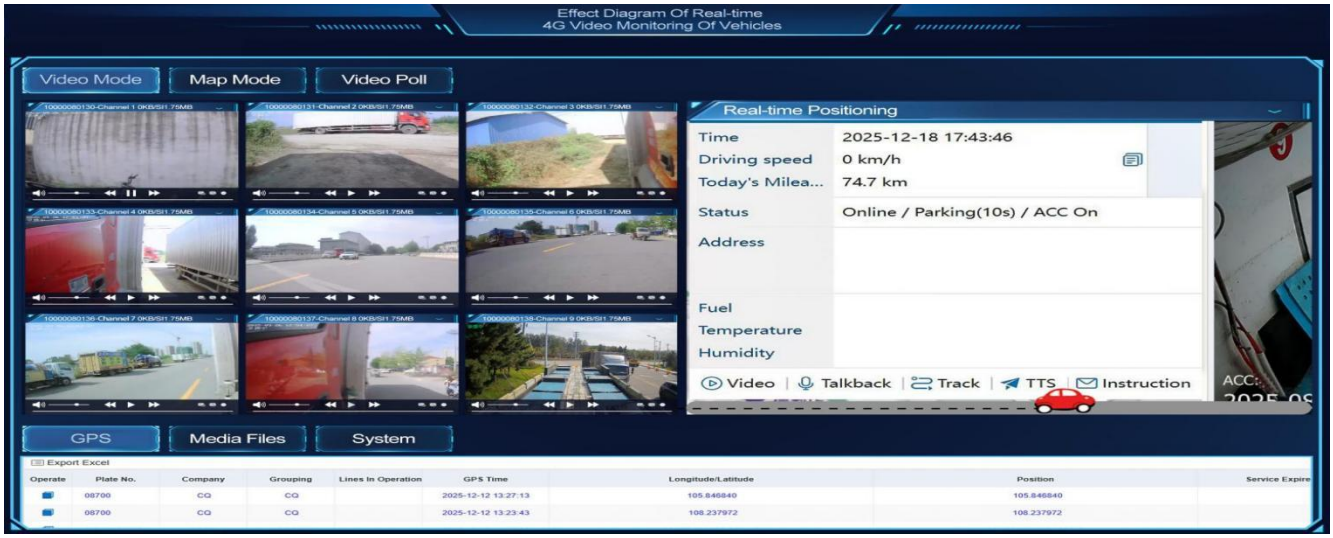


3.Click the vehicle to view real-time footage, location, track, and video playback, as well as fuel consumption.



Tongtianxing Login Platform：

Effect Diagram Of Real-time 4G Video Monitoring Of Vehicles：



Product Dimensions：

Wiring Diag：