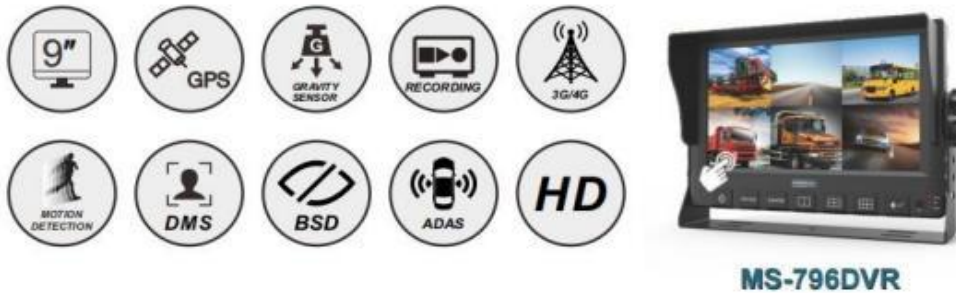




名商科技有限公司

MINGSHANG TECHNOLOGY CO.,LTD

6Ch 1080p HD mobile AI DVR with 9" HD Monitor——MS-796DVR



6CH 1080P DVR with 9"HD monitor,
Touch screen, built-in DMS, ADAS, BSD
GPS function, G-sensor, motion detection, 4G optional
support 2XSD card, SSD
Linux operating system

Product Description

The 6CH DVR is cost-effective, functionally expandable 4G vehicle-mounted terminal integrating video surveillance, driving record and active safety. It uses dual SD cards for recording (SSD support), which can achieve 1080P, 720P resolution recordings. It uses a high-speed processor and embedded operating system, mobile network technology, positioning technology in the field, which can realize video recording, car driving information recording and wireless data upload, central Remote monitoring, remote management, vehicle data collection and analysis, driving behavior analysis, sound and light reminders of dangerous driving behaviors, real-time monitoring of the state of vehicles and drivers, avoiding fatigue driving and speeding, reducing accident risks, and ensuring vehicle driving safety.

※ Support JT/T 808-2019 "Beidou Compatible Vehicle Terminal Communication Protocol Technical Specification for Road Transport Vehicle Satellite Positioning System";

※ Support JT/T 1076-2019 "Technical requirements for on-board video terminal of road transport vehicle satellite positioning system"



名商科技有限公司

MINGSHANG TECHNOLOGY CO.,LTD

Features:

Industrial Linear power IC , Touch screen

HD 6 channels, 6split video H.246 Compression,audio :G.711A

- ⊕ Linux operating system
- ⊕ Touch screen(optional)
- ⊕ 2xSD memory storage support(Max. 256GB) and SSD support(optional)
- ⊕ Built-in GPS module,
- ⊕ Resolution of monitor: 1,280 x 3(RGB) x 720 Pixels
- ⊕ Video quality up to 1080P resolution
- ⊕ Supports 6 ch video input,audio input on/off
- ⊕ External USB2.0 interface, can upgrade the product and download files
- ⊕ Support 4video mode: manual, alarm,, timing, trigger
- ⊕ Additional 4Ch inputs with triggers
- ⊕ Full CH, Auto Scan, Trigger CH & Live display
- ⊕ 6CH AV Inputs with 1080p/720P
- ⊕ Date & Time Stamp , vehicle information,GPS information,ch number on the file
- ⊕ When Playback Recorder still go on
- ⊕ Setup on the LCD menu
- ⊕ Map Tracking available
- ⊕ G-sensor applicable
- ⊕ Built-in Circuit protection chip from over voltage & reversing voltage
- ⊕ Professional In-Vehicle power design, 9-36V DC Wide Voltage Range
- ⊕ Support password protection function
- ⊕ With memory function
- ⊕ 6pcs auto trigger for each channel
- ⊕ With grid line

Product Name	9 inches DVR AI monitor
All-in-One (monitor + DVR)	Yes
OS	Embedded Linux
Monitor Size	9" LED Digital Panel
Display Views	Single/split/QUAD/2CH /4CH/6CH display



名商科技有限公司

MINGSHANG TECHNOLOGY CO.,LTD

	optional
Display Format	16:9
Monitor Resolution	1280 x 720 x 3 (RGB)
Luminance	450 cd/m2
Contrast Ratio	500:1
Number of Cameras Supported	6 (six) 720p or 4 (four) 1080p & 2(two) 720P can mix cameras Manual Configuration of camera resolution.
Video Input Connector	4 -pin Aviation
Input Level	high
Camera Resolutions	1080p / 720p
Recording Speed	25fps / 30fps (25 fps for 1080p,(30 fps for 720p)
Memory Storage	2 SDXC High speed card SSD is Optional
Security	SD Cards Lockable
Video Compression Method	H264(H265 in future)
Audio	4 Watt Speaker
Audio Input	6 Audio Input



名商科技有限公司

MINGSHANG TECHNOLOGY CO.,LTD

Audio Compression	G.711U
Playback on Device	Yes
Playback Software on PC	support
Power Source	9V DC to 36VDC Automatic Power On/Off by ACC
Operating Temperature	-20°C ~ +75 °C
Storage Temperature	-30°C ~ +85 °C
Storage Humidity	<80%RH
IP Rating	IP65
Shock and Vibration Rating	passed the test: 20G peak Time of wave: 20 milliseconds
Weight	600g
Options	
Trigger wire	6 Channels
ACC (Accessory) - turn Tablet on/off based on ACC signal.	Yes
USB 2.0	1 (support U disk/mouse/download)
Event Record	with
GPS	Yes
LTE/ 5G	Optional
G-Sensor	Yes



名商科技有限公司

MINGSHANG TECHNOLOGY CO.,LTD

Intelligent function parameters

Function categories	Functional subclass	Recognition rate
ADAS	Forward collision warning	>90%
	Vehicle distance too close warning	>90%
	Lane departure warning	>90%
DMS	Fatigue monitoring (eyes closed, yawning)	>90%
	Distraction detection	>90%
	Risky behavior monitoring (smoking, phone call)	>90%
	Camera block alert	>90%
	Infrared blocking sunglasses detection	>90%
	Driver departure	>90%
BSD	<p>An algorithm is used to determine whether there is a pedestrian in an image or video sequence and gives it accuracy</p> <p>Positioning, when a pedestrian is detected to cross the cordon, the alarm will have a reminder sound</p> <p>Drivers and pedestrians</p>	>90%



Category	Name	Specifications	Quantity
Main items	Power cable	Power with triggers	1
	main wiring harness	6CH connector	1
	GPS antenna	3m/golden SMAhead	1
	4G antenna	1m/silver SMA head	1
	DSM camera	720P standard connector	1
	ADAS camera	720P standard connector	1
	DMS camera extension cable	Cable length 2.5M	1
	ADAS camera extension cable	Cable length 5M	1
	BSD camera	720P standard connector	2

Optional accessories

Accessory name	Specifications	Quantity
DVR camera	720P/1080P	2
DVR camera extension cable	Cable length 10M/20M	2



 **MINGSHANG** IATF16949:2016

[E-mail:sales@mingshang.com](mailto:sales@mingshang.com)

<http://www.mingshang.com>

[Contact: Nancy](#)

[Skype: sales@mingshang.com](skype:sales@mingshang.com)

[whatsapp: +86-18241133745](whatsapp:+86-18241133745)