STONKAM®
a better vision for the world

Intelligent Vehicle DVR Monitoring System (ISA)

ISA

—— Model No.: DV456 FHD844 ——

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Features

【ISA-Compliant Solution】

DV456 + FHD844 complies with ISA regulation for intelligent vehicle speed assistance systems, offering real-time speed monitoring and overspeed alerts.

【IP69K waterproof】

It could be applied even if in bad weather.

【ADAS+DMS】

Integrated with AI ADAS+DMS algorithms, realizing driving assistance, fatigue monitoring functions.The intelligent MDVR has recognition, warning, recording and remote reporting functions to improve driving safety in fleet management.

【BSD】

Integrated with BSD algorithm, the intelligent MDVR can detect pedestrians at the front, side and rear of the vehicle in real time, avoiding accidents caused by blind spots.

【APC】

With passenger flow statistics function: Adopt deep learning technology to realize real-time recognition and motion tracking of people in the collected images, so as to achieve passenger flow statistics with high accuracy.

【AVM】

Integrated with 360° around view algorithm, the intelligent MDVR can realize true 360° bird-view monitoring with wide angle cameras , ensuring driving safety.

【Video recording function】

Full high definition image; Support multiple modes to trigger recording; Support 10s pre-recording, convenient to obtain evidence.

【H.264/H.265】

Support dual compressions, improving the usage of storage space and wireless network traffic, able to integrate AI with ROI processing.

【Fleet management】

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Compatible with CMSV6/WIALON platforms and JT808 protocol, PC/mobile terminal remote real-time monitoring, historical track and video query, dangerous events can be uploaded to the vehicle monitoring platforms to achieve efficient fleet management.

【DVIR Compliance】

Address driver vehicle inspection needs to ensure fleet safety compliance.

【Support API expansion】

MDVR can be linked to the server to provide API for customers to realize the docking with customer systems.

【Convenient operation】

Support offline operations; Support HD touch screen control, IR remote control, and flat human-device interaction interface, convenient for customers to operate.

【Data security】

ssl encryption, HTTPS secure transmission, Amazon S3 storage, and supercapacitor power failure protection, ensuring data security in all aspects.

【Multi-function access】

Radar, OBD, voice intercom, speed, tire pressure, fuel consumption, temperature, door switch, vehicle weight, vibrator and other sensors available.

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Specification

Video input	4CH 1080P
Video standard	PAL: 25FPS, NTSC: 30FPS
Compression	H264/H265
Video output	CVBS/VGA/AHD
Total resources	1080P 120FPS
Audio input	4CH
Audio compression	ADPCM
Image quality	1~8 level adjustable
Video bit rate	128kbps~4Mbps/channel
Storage consumption	56~1800MB/(channel*hour)
Playback resolution	4*1080P
Audio bit rate	32kbps
Storage	SD card * 1, SSD * 1
Alarm input	6CH
Alarm output	2CH
RS232	1CH
RS485	1CH
CAN	2CH
USB2.0	1CH
Ethernet	1CH
IR	optional
LTE module	optional
WIFI	optional

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GPS	optional
Attitude sensor	optional
Power supply	less than 15W (without camera)
Operating temp. & humidity	-20~70℃, RH 80%MAX
Algorithms	DMS/ADAS/BSD/360AVM/APC

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