

V-IVMS REAL-TIME AI VIDEO TELEMATICS MANAGEMENT SOLUTION



THE KIT

- Driver Facing & Fatigue AI Camera
- Street Forward-facing & ADAS AI Camera
- In-Cab Camera
- Visual Interface
- Alarms Video Evidence
- Live streaming
- Playback with Download Option
- In-Cab Visual & Voice Notification
- Video traffic Quota Management

DSM-L



OVERVIEW

With the increasing interest in driver safety and security, and in accordance with the conventional fleet management systems, video monitoring inside and outside the vehicle has become an essential need to ensure fleet safety. This includes passengers and driver behavior monitoring, and external recording to evaluate the reasons and circumstances prior to accidents.

V-IVMS Real Time AI Video Telematics Management Solution from FMSi has proven to be among the best-fit solutions enabling our customers to monitor intensively driver's behaviors, and get alerted in case of any suspicious behaviors by the driver. Moreover, this feature allows users to get live video streaming of all cameras installed in the vehicle, and select any specific recording corresponding to the events/violations/alarms experienced by the vehicle/driver.

1/3" CMOS

Resolution: 960P/25 frames

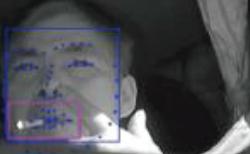
Minimum illumination: 0 Lux
(infrared fill-in light)

Electronic shutter (auto), black and white and auto white balance

DC12V with the power supply range of 9V to 16V

White HSD connector and 50Ω twin-core coaxial cable with the length of 1.5 meters

SMOKING DETECTED



PHONE DETECTED



FATIGUE



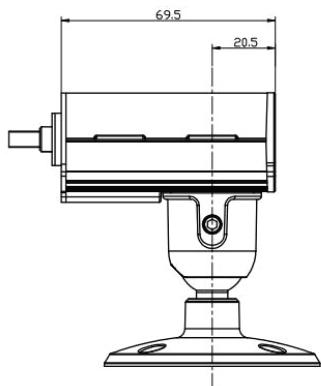
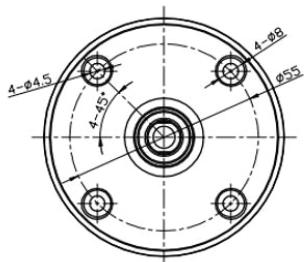
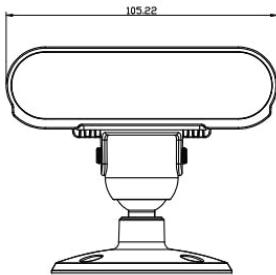
DISTRACTION



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DIMENSION (UNIT: MM)



DEVICE SPECIFICATION

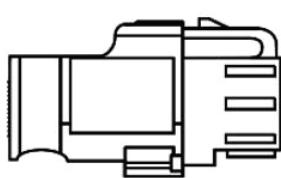
Product model	SVT-DSM-L
Image sensor	1/3" CMOS
Resolution	1280H*960V
Data format	High-speed serial LVDS signal sensor RAW data
Minimum illumination	1/3" CMOS
Day-and-night	1/3" CMOS
Video parameters	Auto gain/auto white balance/auto exposure
SNR	≥42dB
Lens	6MM M12 lens
FOV	HFOV: 49° VFOV: 36°
Pigtail interface	White HSD connector White HSD connector and 50Ω
Cable	twin-core coaxial cable with the length of 1.5 meters
Audio	Null
Infrared range	1.4 meters and 940NM infrared
Power specification	wavelength
Power consumption (maximum)	DC12V with the power supply range of 9V to 16V. It has the mistake-proofing feature and can meet vehicles' demands Has the mistake-proofing feature and can meet vehicles' demands
Operating temperature	≤4W -40°C ~ 70°C

DIAGRAM

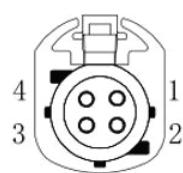
TJC3-6PIN-PI. 25

HSD4-B

12V+	6	red	2
D-	2	black RF1.37 core	1
D+	3	gray RF1.37 core	4
12V-	5	black	3
GND	4	RF1.37 shielding*2	
GND	round terminal	external shielding	cover



HSD4-B TYPE



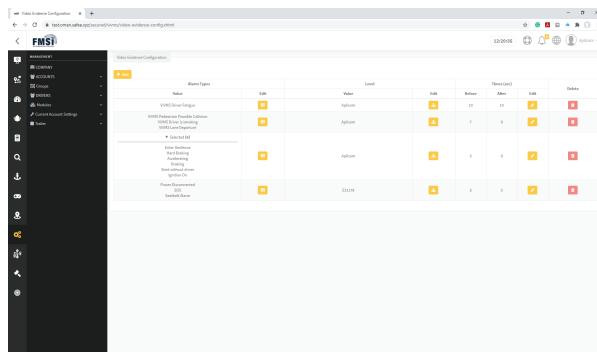
white

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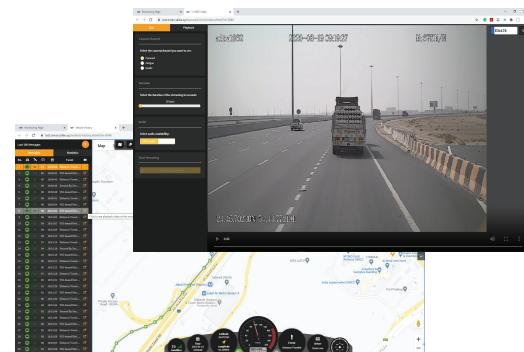
ALARMS VIDEO EVIDENCE

- The user can configure through our platform recording of evidence video for any type of event (Harsh Braking, Harsh Acceleration, Seat Belt Violation, Over Speeding, ADAS, Impact Detection, Rollover, Fatigue Distractions, etc.)
- The system allows the admin to select the camera/s for each type of event
- The system allows the admin to define the time of the video, before and after the alarm
- The evidence video is uploaded automatically to our servers, the admin can download these videos anytime



LIVE STREAM AND PLAYBACK

- The system is equipped with a special interface to provide live streaming and playback
- The system provides user with to replay the video from historical tracking . This features allow the system operator to play back the video which is related to the vehicle historical movement
- The system supports downloading historical videos related to any time frame
- Live streaming and Playback with online and offline video download: the system admin can add a video download task, the system will download the video once the vehicle ignition on



SOLUTION REFERENCE



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