

KOHLTECH

Solutions For Every Industry & Every Build

Advanced Incident Prevention

KOHLTECH
VIDEO MANAGEMENT CENTER



Live



Playback

Evidence

2022-03-09

PRODUCT

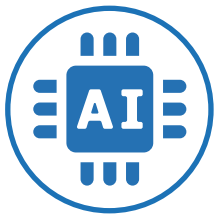
OVERVIEW

- Live Stream
- Remote Playback
- Video Download
- Real Time Alerts
- Driver Behavior





Prevent Disaster



ADAS

(Advanced Driver Assistance System)

- Harsh driving detection
- Forward Collision
- Speeding
- Stop Sign Recognition
- Lane Departure Warning



DSM

(Driver Status Monitoring)

- Driver Fatigue
- Unauthorized Phone Use
- Driver Distraction
- Seatbelt compliance
- Texting
- Smoking



PREEMPTIVE WARNINGS

Prevent incident with real time alerts:

- Audible & visual driver alerts
- ADAS & DSM alerting
- System Health



REAL TIME ALERTS/FEEDBACK

Email & console push alerts sent to Fleet Manager:

- ADAS/DSM & safety violations
- Speed
- Braking
- Vehicle handling



Back View



Front View



DSM Cam



In-Cab Monitor

Have any questions or need additional information? | Call us today at 877.708.7803

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Never miss a thing with our easy to use real time alerting system. When a programmed infraction like driver fatigue or distracted driving takes place, there will be 4 real time alerts:

- In-cab visual alerts
- In-cab audio alert - notifying the operator of the infraction type
- Email alert to the fleet manager
- User portal alert/notification

Email Alerts

From: Fleet Alerts <fleetalerts@kohl-tech.com>
 Sent: Saturday, April 10, 2021 2:35 AM
 To: Patrick Micek <pmicek@kohl-tech.com>
 Subject: Driver yawning Alarm

License plate number	Time	Alarm Type	Alarm Description	Evidence Video
KW_DEN_AI_1	2021-04-10 06:09:06	Driver yawning		Open video

Alarm Type	Alarm Description	Evidence Video
Driver making calls		Open video

Portal Alerts

12
0
admin
2022-03-10 14:53:19

Plate No.	Type	Times
TRUCK_56	Video loss alarm	2
TRUCK_56	Illegal shutdown	2
TRUCK_70	Acceleration alarm	1
TRUCK_70	Video loss alarm	4
TRUCK_70	Illegal shutdown	2
02-308 DBX	IO 1	1

In-Cab Alerts



Rest assured that no matter the time of day your fleet will be gathering data round the clock that can help mitigate loss, improve day-to-day operational safety and protect your bottom line. Easily retrieve and sort incident data by unit, time, location or incident type.

Unit Reports

License plate number	Owned car group	Time	Speed	Alarm Type	Alarm Description	Latitude	Longitude
KW_DEN_AI_1	KIEWIT_DENVER	2021-05-06 08:43:50	20	Fatigue driving		39.293476	-76.654080
KW_DEN_AI_1	KIEWIT_DENVER	2021-05-06 08:44:40	24	Fatigue driving		39.293476	-76.654080
KW_DEN_AI_1	KIEWIT_DENVER	2021-05-06 08:46:00	35	Fatigue driving		39.293476	-76.654080
KW_DEN_AI_1	KIEWIT_DENVER	2021-05-06 09:01:20	0	No Driver		39.293476	-76.654080
KW_DEN_AI_1	KIEWIT_DENVER	2021-05-06 10:00:17	30	Distracted Driver		39.293476	-76.654080
KW_DEN_AI_1	KIEWIT_DENVER	2021-05-06 10:00:37	47	Driver Making Calls		39.293476	-76.654080
KW_DEN_AI_1	KIEWIT_DENVER	2021-05-06 10:01:17	50	Driver Making Calls		39.293476	-76.654080
KW_DEN_AI_1	KIEWIT_DENVER	2021-05-06 10:02:00	50	Forward collision		39.275055	-76.642553

Email Reports

Receive scheduled email alerts with saved video clips that highlight specific infractions/incidents.

From: Fleet Alerts <fleetalerts@kohl-tech.com>
 Sent: Friday, April 9, 2021 8:42 PM
 To: Patrick Micek <pmicek@kohl-tech.com>
 Subject: Distracted driver Alarm

License plate number	Time	Alarm Type	Alarm Description	Evidence Video
KW_DEN_AI_1	2021-04-10 00:36:52	Distracted driver		Open video

Video link to specific incident

View flagged video of past or present incidents along with all associated vehicle data.

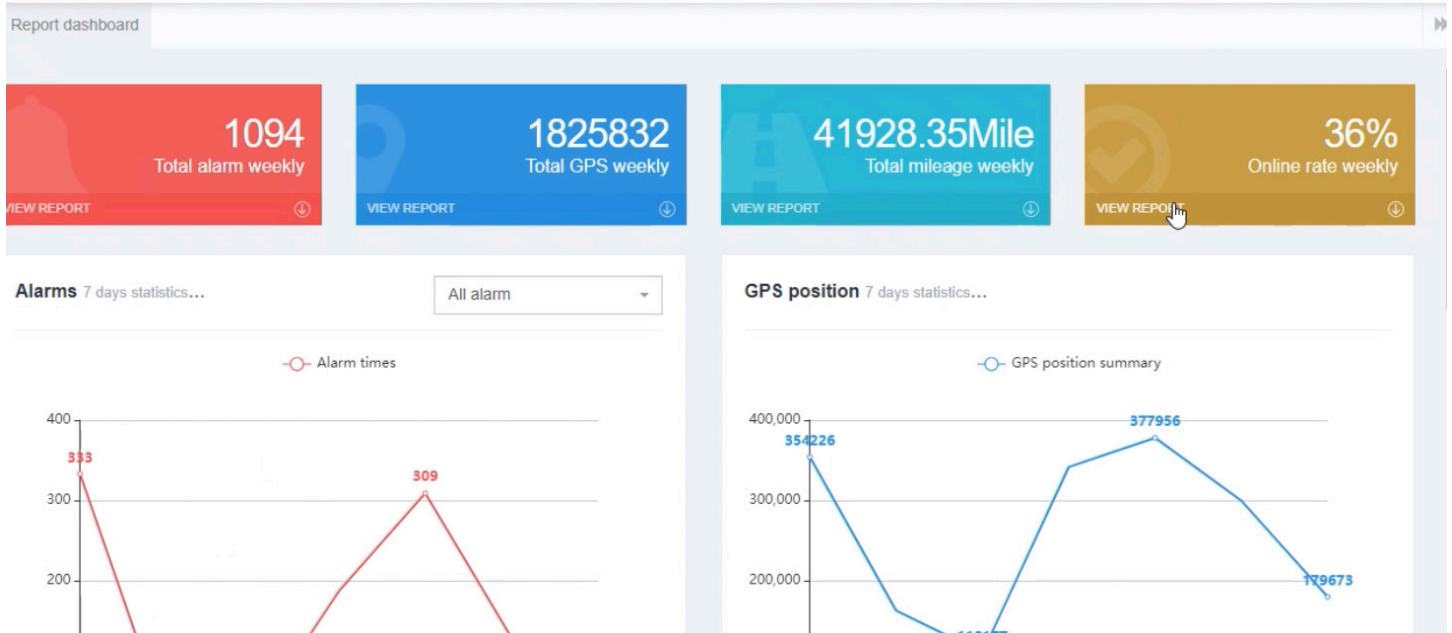
Alarm Type	Alarm Description	Evidence Video
Driver making calls		Open video

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Retrieve and run reports for all flagged incidents within your fleet.

System statistics overview



Search for specific incident types

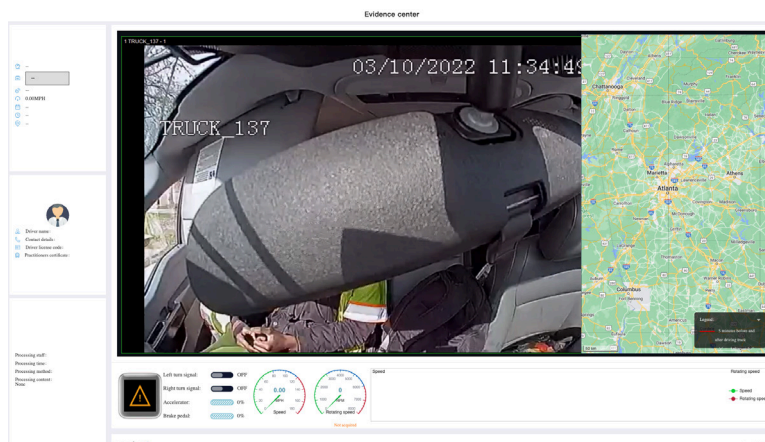
Driving time report | Alarm statistics

2021-07-01 To 2022-03-03 | Driver yawning | QSearch

Alarms | Alarm Types | Alarm Info Query

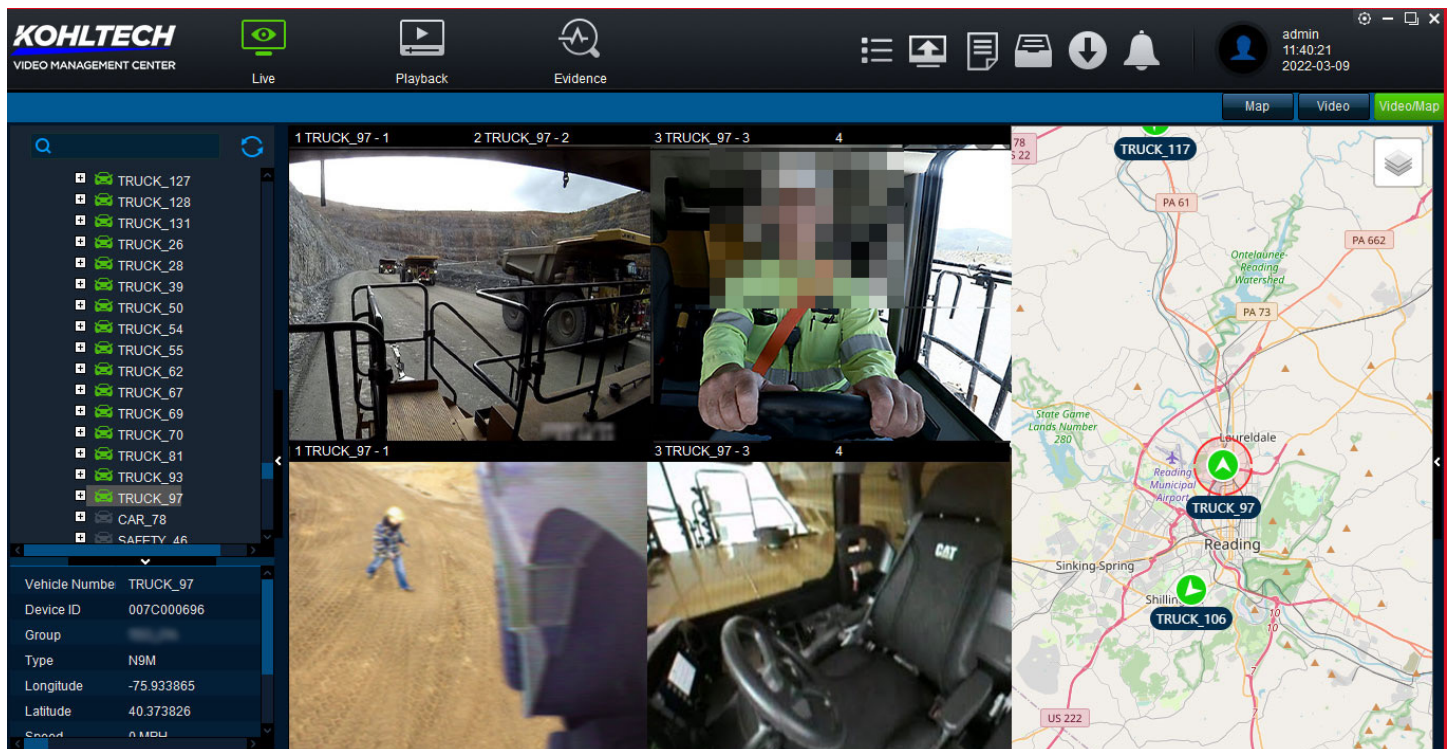
Parent fleet	Plate No.	Serial No.	Alarm type	Alarm times
TES_MD	TRUCK_119	009900EB9F	Driver yawning	4
KIEWIT_DENVER	KW_DEN_AI_1	0099007EFD	Driver yawning	27

View Videos of specific incidents

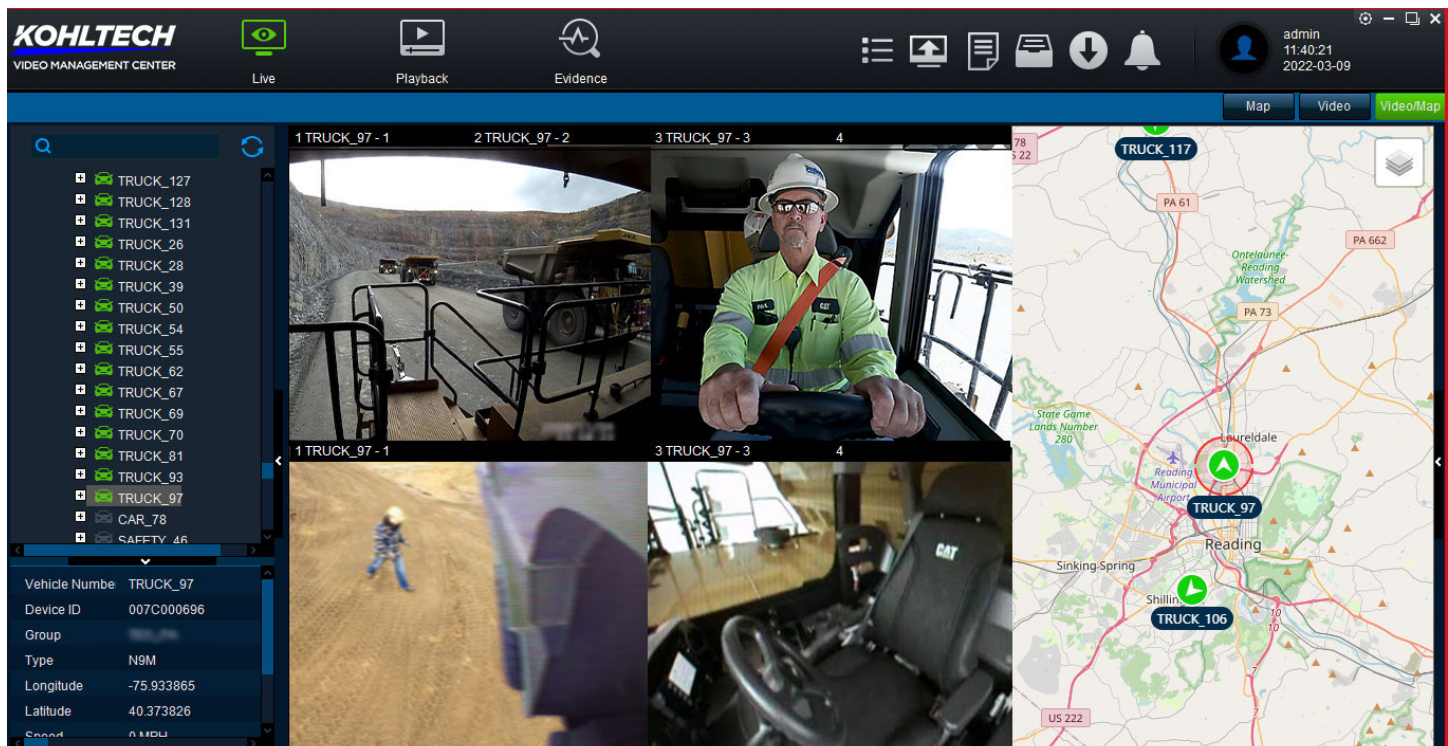


Remove the liability and protect reputation with our video encryption feature. All video provided will come with driver identity protection. Videos can be unmasked per written request signed by designated facility representative for an additional fee.

Video with Driver Identity Protection



Video without Driver Identity Protection



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Capture what matters when it matters. The AI4DC has HD 1080P recording that can pick up on the most important details of an incident removing all the guess work from video review.

Model	AI6DC	Built-in MIC
	WIFI	Integrated 2.4G&5.8G
Network	Bluetooth	Integrated
	4G	Integrated
Positioning	GPS	Integrated
Sensor	6-axis sensor	Integrated
Taximeter	CAN Data	Integrated
Function	Collection	Integrated
Indicator	Dual Color indicators for recording status and alarm.	
Storage	TF Card	Support 2pcs TF card. Each TF Card Max.256GB.
Video/Audio	Video record	Default support 2CHs. It can be extended to 4CHs, 1 Audio input.
	Res/Frame rate	DSC : 1080P@20fps ADAS : 500MP@20fps
	Max. Video Resource	Main Stream : + 1080P@20fps(IPC) Sub Stream : 4*CIF@30fps
	Image	Brightness, chroma, contrast, color saturation and Sharpness adjustment
	Video Codec	H.264/H.265
	Audio Codec	ADPCM/G.711/G.726, Default is G.711
	CBR/VBR	Default support VBR,CBR is optional

	Audio	Built-in MIC
	Speaker	Built-in Speaker 1.5W 8R
ADAS Camera	Sensor Shutter Speed	1/2.7" 5 megapixel CMOS 1/30s-1/100000s Sensor
	Lens	2.8mm
	Lens types	Built-in Lens
	WDR	Digital WDR
	BLC	Support
	S/N	≥39dB
DSM Camera	Sensor	1/2.8" 2M pixel CMOS Sensor
	Shutter speed	1/30s-1/100000s
	Lens	2.1mm
	Lens types	Built-in Lens
	WDR	Digital WDR
	BLC	Support
	S/N	≥48db
Ports	RS232	1
	IO Input	2 IOs
	CAN USB	1 1 mini USB port
Protocol	Network Protocol	HTTP,TCP,ARP,UDP,FTP,DHCP,DNS,IPV4, NTP
Power Info	Power Supply	9-36V
	Internal battery	Not Available
	Typical Power Consumption	Less than 8W
	Power Consumption	Less than 11.5W
General	Working Temperature	-40°C~+70°C
Specification	Storage temperature	-40°C~+85°C
	Humidity	15% - 90%

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