AN EYE [•]N THE ROAD

GOSIGHT HEALTH REPORT ANALYSIS

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GOSIGHT HEALTH REPORT ANALYSIS

Table of contents

GOSIGHT HEALTH REPORT ANALYSIS

GoSight Health Report Diagnostic Guide

Description of the Health Report information :

Boot Complete Timestamp

Corresponds to the activation of ignition during the last trip.

Boot Cycle Triggered By App

Application-triggered reboot.

Device Shutdown Timestamp

Signals a system restart following an update.

Time Taken to Get GPS Sync After Ignition

Time taken for the camera to receive the first longitude and latitude coordinates.

Ignition ON Timestamp

Last moment the truck was started.

Ignition OFF Timestamp

Last moment when the truck was stopped.

Battery Health

Current state of the camera's external battery.

GPS Low Frequency

Situation where GPS signal is weak or lost.

Power Cut Alert

The state in which the camera stops receiving power, typically out of standby mode, often during an update or disconnection.

G-Sensor Malfunction

Camera unable to detect gravitational force.
Not applicable to GoSight.
It uses the GO9 modem for this data.

Internal Storage

Space used by the system in the camera, with a margin for cases where the SD card is not read.

External storage

Space used by on SD card.

DVR Write Percentage

Indicates the percentage of frames successfully written (value must be > 90%) This is updated when the vehicle has been driven for at least 8 hours or once every 3 days.

SD Card Status

Confirmation of correct SD card insertion.

Camera Mounting Status

Information on camera positioning and possible road viewing problems.

Camera Sensor Reboot

Last automatic calibration performed by the camera.

GOSIGHT HEALTH REPORT ANALYSIS

GoSight Health Report Diagnostic Guide (Continued)

THE HEALTH REPORT IS UPDATED EVERY MORNING AT 5:00 AM. FOR A REAL-TIME OVERVIEW, PLEASE CLICK ON THE FOLLOWING ICON: ⟳

Example of a GoSight Health Report:

GoSight cameras are audited daily to make sure all things are working normally. The health report below is based on diagnostics

Boot Complete Timestamp	2024-04-24 16:26
Boot Cycle Triggered By App	✔ YES
Device Shutdown Timestamp	
Time Taken to Get GPS Sync After Ignition	5.9s
Ignition ON Timestamp	2024-04-24 16:26
Ignition OFF Timestamp	2024-04-24 16:14
Battery Health	✔ GOOD
Acc Low Frequency	✔ NO
GPS Low Frequency	⚠ YES - 2024-04-22 09:39
Power Cut Alert	⚠ YES - 2024-04-24 14:37
G-Sensor Malfunction	✔ NO

Storage

Internal Storage	11.19 GB / 16 GB
External Storage	121.98 GB / 124.71 GB
DVR Write Percentage	99.91%
SD Card Status	INSERTED

in the last 24 hours.

Current Mounting Status	▶
Road Camera Mounting Status	
Camera Sensor Reboot	✔ NO

GOSIGHT HEALTH REPORT ANALYSIS

Warnings in the red frame in the GoSight add-in. - Meaning of warning

GO SIGHT v3.0

- **30 devices** are not assigned to a vehicle
- **59 devices** are not reporting any data
- **2 devices** have invalid formatted SD cards inserted
- **3 devices** have no SD cards inserted
- **2 devices** reported mounting or calibration issues

Warning	Meaning	Example
NOT ASSIGNED TO A VEHICLE	Cameras that have never been associated with a unit or have been disassociated.	
NOT REPORTING ANY DATA	Units that have never been connected or without an ignition cycle for a month or more.	
REPORTED MOUNTING OR CALIBRATION ISSUES	The camera lens is not optimally placed or the view is obstructed.	
HAVE INVALID FORMATTED SD CARDS INSERTED	Camera does not record. The SD card is; corrupted or in the wrong format.	SD Card Status ⚠ INVALID FORMAT
HAVE NO SD CARDS INSERTED	The camera is not recording because the SD card is either missing or unreadable.	SD Card Status ⚠ REMOVED

GOSIGHT HEALTH REPORT ANALYSIS

Warnings in the red frame of the GoSight add-in - Problems and solutions

REPORTED MOUNTING OR CALIBRATION ISSUES

See Road Camera Mounting Status and Camera Sensor Reboot.

REPORTED RECENT SHUTDOWNS

See Power Cut Alert.

HAVE INVALID FORMATTED SD CARDS INSERTED

See SD Card Status.

HAVE NO SD CARDS INSERTED

See SD Card Status.

NOT REPORTING ANY DATA

This warning appears when no data has been uploaded or when no data has been uploaded for more than 1 month.

NOT ASSIGNED TO A VEHICLE

This warning appears when no vehicle has been associated with the camera.

GoSight Health Report warnings - Problems and solutions

BATTERY HEALTH

Battery Health	⚠ YES - 2024-04-22 09:39

Potential Causes and Battery Health Definition

This event is triggered when the battery voltage drops below 9V.

- When the vehicle's battery needs to be replaced.
- When the vehicle's battery needs to be charged.
- When the vehicle's battery is overcharged.

Solutions

- Check the truck battery voltage, which should be between 9V and 12V.
- Replace or recharge the battery to ensure the voltage is above 9V.
- Ensure there are no short circuits in the battery.

After verification, please contact AttriX so we can validate the information. Otherwise, please wait until the next morning at 5 AM for the Health Report update in the database.

GOSIGHT HEALTH REPORT ANALYSIS

GoSight Health Report warnings - Problems and solutions (Continued)

ROAD CAMERA MOUNTING STATUS

Road Camera Mounting Status	⚠	Road

Potential Causes and Definitions of Camera Mounting Issues

Camera mounting issues can be caused by several factors, including:

Incorrect Installation:
Improper installation of the camera can lead to various malfunctions.

Deliberate Tampering:
The driver may deliberately tamper with the camera, affecting its optimal operation.

Impact Damage:
Damage to the camera can occur as a result of a significant impact, affecting its performance.

Potential factors that may explain camera mounting issues are as follows:

1. Incorrect Road Camera Mounting:
This event occurs when the camera is improperly mounted, disrupting the detection of road-facing modules. This includes distance tracking, forward collision warning, speed limit, and stop sign violations, as well as lane departure detection.

2. Incorrect Driver Camera Mounting:
This event is triggered when the driver's camera is improperly mounted, affecting facial detection. This indirectly impacts all driver-facing modules, such as distraction, mobile phone use, and drowsiness detection.

3. Incorrect Motion Sensor Position:
This event is generated when the camera is incorrectly positioned, which is detected by an improper orientation of the motion sensor (Sensor-G) within the device.

4. Covered Driver Camera Lens:
This event is triggered when the driver's camera lens is covered or obstructed, affecting facial detection and related modules.

5. Covered Road Camera Lens:
This event occurs when the road camera lens is covered or obstructed, disrupting the detection of road events. Incorrect mounting of the road-facing camera can increase the risk of missing incidents.

Solutions

- Inspect the image using the visualization tool (▶) to confirm the correct mounting of the camera.
- Adjust the camera to the correct position and verify its orientation using the live view (📷).

GOSIGHT HEALTH REPORT ANALYSIS

GoSight Health Report warnings - Problems and solutions (Continued)

CAMERA SENSOR REBOOT

Camera Sensor Reboot	⚠ YES - 2024-04-22 09:39

Potential Causes and Definition of Camera Sensor Reboot

This event is triggered if the number of camera sensor reboots is greater than or equal to 10 within two hours.

- Occurs during long trips.
- Possible hardware issue.

These frequent camera sensor reboots can affect the functionality of the DVR.

Solutions

- Please validate the installation.
- Proceed with a device reset.
- Calibrate the camera.

After verification, please contact AttriX so we can validate the information for you. Otherwise, please wait until the next morning at 5 AM for the Health Report update in the database.

INFREQUENT GPS LOW FREQUENCY

GPS Low Frequency	⚠ YES - 2024-04-22 09:39

Potential Causes and Definition of GPS Low Frequency

This event is generated when the number of GPS updates is less than the expected number of application updates.

- Inability to obtain GPS coordinates in the specified region.
- GPS synchronization took 60 seconds or more.

These infrequent GPS signal alerts can hinder the camera's ability to capture events as intended.

Solutions

- Please check the device's connectivity in the visited area to confirm adequate network coverage. The green and/or blue LED should be on.
- Proceed with a device reset.

After verification, please contact AttriX so we can validate the information for you. Otherwise, please wait until the next morning at 5 AM for the Health Report update in the database.

GOSIGHT HEALTH REPORT ANALYSIS

DVR WRITING PERCENTAGE

DVR Write Percentage	--	← IF NO INFORMATION

Potential Causes and Definition of DVR Writing Percentage

This event is triggered when the DVR writing percentage is below 95% for a trip or when the DVR cannot be written to the flash memory.
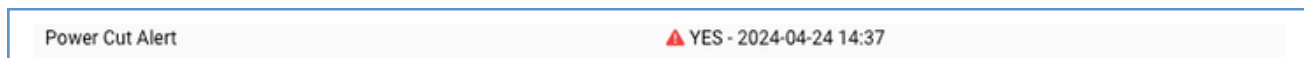
- DVR unavailable due to data loss.
- Hardware issues.
- Corruption of external memory or space occupied by non-DVR data.

Solutions

- Please check the device's connectivity in the visited area to confirm adequate network coverage. The blue LED should be on.
- Verify the presence of the SD card.
- Proceed with a device reset.

After completing the above steps, please contact AttriX so we can validate the SD card's status. If the SD card is corrupted, we will perform a remote formatting. Once the request is received by the camera, it will be necessary to remove and reinsert the SD card.

POWER CUT ALERT

Power Cut Alert	⚠ YES - 2024-04-24 14:37

Potential Causes and Definition of Power Cut Alert

This event is triggered when the camera stops receiving power, often during an update or when it is unplugged.

- During an update.
- When the camera has been unplugged.

These power outages may indicate that the camera is not receiving adequate power, and it may shut down.

Solutions

- Please validate the installation.
- Check the truck battery voltage. It should be between 9V and 12V.

After verification, please contact AttriX so we can validate the information for you. Otherwise, please wait until the next morning at 5 AM for the Health Report update in the database.

GOSIGHT HEALTH REPORT ANALYSIS

GoSight Health Report warnings - Problems and solutions (Continued)

G-SENSOR MALFUNCTION

G-Sensor Malfunction	⚠ YES - 2024-04-22 09:39

Potential Causes and Definition of G-Sensor Malfunction

This event is triggered when the data generated by the accelerometer is incorrect.

- Poor performance in events dependent on accelerometer data (sudden braking, sudden acceleration, turning).
- Malfunction of the ignition observed in devices using accelerometer-based ignition.

Solutions

N/A GOSIGHT.
The GoSight uses the GO9 modem for this type of data.

SD CARD STATUS

SD Card Status	⚠ INVALID FORMAT
SD Card Status	⚠ REMOVED

Potential Causes and Definition of SD Card Status

This event is triggered when the "SD card needs formatting" flag is true, when no external storage is detected, or when the external storage is occupied by data other than DVR data.

Possible causes:
- SD card corruption detected.
- The SD card contains files other than DVR data.
- No SD card detected (incorrectly inserted or unreadable).

The DVR functionality is compromised if the device lacks storage. If the SD card needs formatting, DVR functionality is also affected. Additionally, the total DVR storage capacity will be significantly reduced.

Solutions

- Check for the presence of external storage on the device.
- Try using a spare SD card to resolve the issue.
- Examine the SD card for pre-existing non-DVR data (when reusing an old SD card).

After completing the above steps, please contact AttriX so we can validate the SD card's status. If the SD card is corrupted, we will perform a remote formatting. Once the request is received by the camera, it will be necessary to remove and reinsert the SD card.

GOSIGHT HEALTH REPORT ANALYSIS

GoSight Health Report warnings - Problems and solutions (Continued)

ACC. LOW FREQUENCY

Acc Low Frequency	⚠ YES - 2024-04-22 09:39

Potential Causes and Definition of ACC. Low Frequency

This event is triggered when accessory power signals are infrequent or absent.

- When the accessory power is shared.
- When the vehicle's accessory power is not optimal.

Solutions

- Please validate the installation.
- Check the voltage of the accessory power used. It should be between 9V and 12V. If necessary, use another source.

If the installation is correct and the accessory power voltage is adequate, the current being used may be shared. For example, if the camera uses the same power as the radio, a warning will appear when the radio is turned on. Unless you change the location of the yellow cable connected to the accessory to another accessory power source, no further action is necessary.

BOOT CYCLE TRIGGERED BY APP

Boot Cycle Triggered By App	⚠ NO - 2024-04-22 09:39

Potential Causes and Definition of Boot Cycle Triggered By App

This event occurs when a system update fails.

- When an automatic system update fails during download.
- When a forced system update fails during download.

Solutions

- Proceed with a device reset.
- Contact AttriX technical support to force a system update and/or a remote device reset.