



February 2025

Mobileye Report Tool

User Guide v0.5

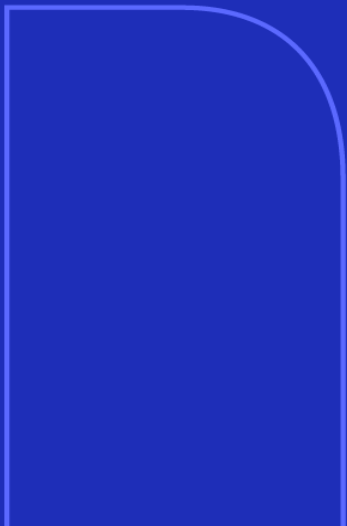




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1. Introduction

Mobileye Report Tool is part of Mobileye Installation Center application.

It is used to create and supply a full system installation and status report upon demand.

The Mobileye Report Tool supports the following products: Mobileye 8 NC/SA/SAO and Mobileye Fisheye (different configurations).

NOTE →

Internet access during the process is mandatory.

2. Download & Install

to download the latest version of the System Validation Tool, download the Installation center from www.mobileye.com/support, verify you have internet connection, login with your credentials.

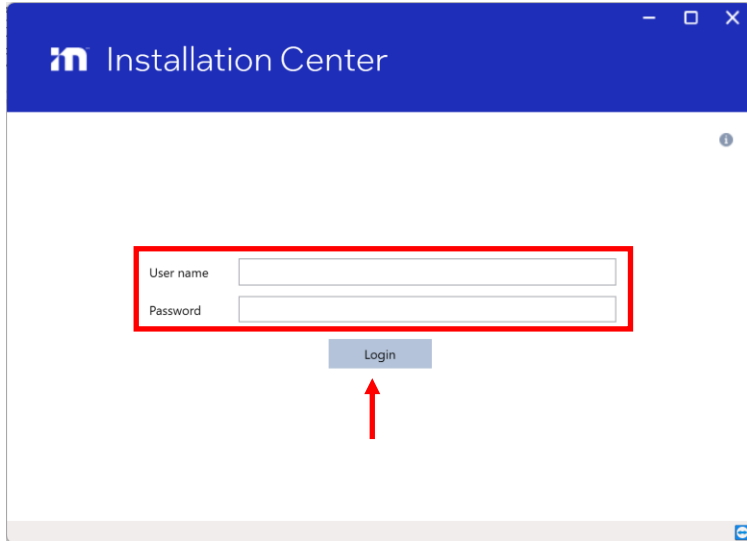
NOTE →

For any questions / concerns, please contact support@mobileye.com

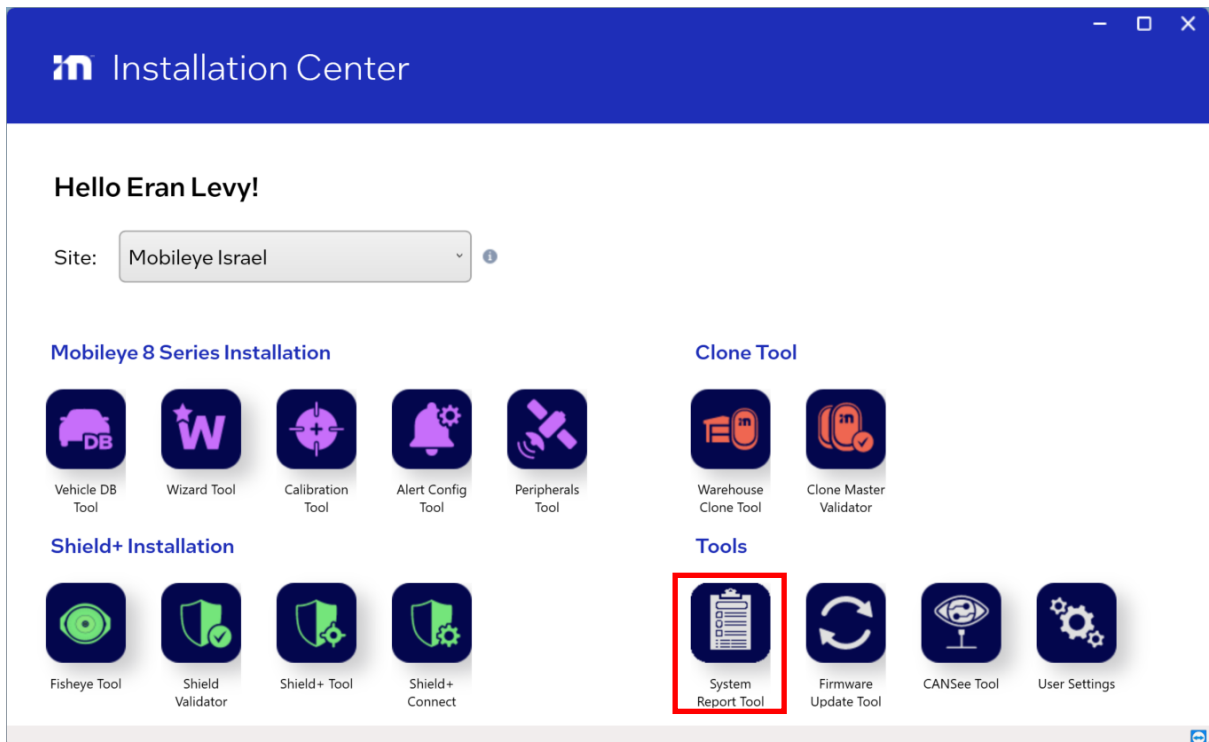
3. Report Creation

To create the report, please follow the steps below:

1. After connecting the EyeNET to the Mobileye 8 Master camera, Open the Mobileye Installation application, enter your credentials and click "Login" to continue:



2. Click the "System Report" icon:



3. Upon successful connection to the unit, click the "Next" button to continue:

The screenshot shows the 'SYSTEM REPORT TOOL' interface. At the top, there are two tabs: '1. Connect to SeeQ' and '2. Setup Summary'. The main content area displays a table of system information, which is highlighted with a red border. Below the table is a 'Retry' button with a circular arrow icon. At the bottom right, a 'Next' button is highlighted with a red arrow pointing down to it. A 'Back' button is located at the bottom left. The footer contains the following text: 'User Name:: eran.levy@mobileye.com | Serial number: 3220011070N00151 | Selected vehicle: No vehicle selected [Reconnect](#)'.

| | |
|-------------------|--|
| Connection status | Connected |
| Serial number | 3220011070N00151 |
| Firmware | 4.23.12_PRE_PC2_v11.0.2 |
| Boot Manager | 8.109.3.3 |
| Board type | REV5_6_24 |
| TLS Subject | 7719775e-fd92-49a6-be78-c9a5d8386ecd |
| Gyro status | OK |
| GPS status | OK (Status code: GPSNoReception) |
| Modem status | OK (Status code: IpAddressMissing, ProviderM |

NOTE →

GPS status indicates only HW functionality and does not check for GPS coordinates validity. GPS Status check is based on Mobileye PN (some PN do not require this check).

NOTE →

- *Please allow between 20-60 seconds while the app is collecting data from the system.
- *During the data collecting phase, a process icon will be displayed.
- *Upon completion, all available data will be displayed, and the installer is required to fill in all missing information.
- *Tool supports connection to Mobileye 8 Master camera only. Side SeeQ connection not supported

4. The data collected will be displayed automatically and can be seen in **green boxes**.

- **Position** – Master unit or Side SeeQ bridge units (for FishEye)
- **Serial Number** – the identified unit serial number
- **Firmware** – the firmware of the unit

NOTE →

The FW of the Master camera is read directly from the unit.
 All other units FW version is not read directly from the units but rather from Mobileye Installation database last successfully completed report sent to Mobileye server from the last IC App usage.

- **Vehicle information** - all relevant vehicle information
- **Display type** – EyeWatch 3 / EyeWatch 8 / no display and Side Display type (for Fisheye systems).

For Main display: If no display unit is connected, please choose the relevant option from the dropdown menu.

Main display:

- Integration
- 3rd party display
- Other

| Position | Serial Number | Firmware |
|----------|------------------|-------------------------|
| Master | 3220011070N00151 | 4.23.12_PRE_PC2_v11.0.2 |

Vehicle Information

| | |
|-----------------------|------------------------------|
| Vehicle model: | Mobileye Generic 2022 - 2022 |
| VIN (chassis): | |
| ISA status: | ISA feature is disabled |
| Vehicle weight (TON): | 1.6 |
| Vehicle type: | M1 |
| Vehicle class: | none |
| Articulated: | No |
| Speed limitation: | No speed limitation |
| Country: | Undefined |

Email

Main display: EyeWatch 8. Version: 2.1.0-4.8.0

User Name: eran.levy@mobileye.com | Serial number: 3220011070N00151 | Selected vehicle: No vehicle selected | Reconnect

NOTE →

If any of the Vehicle information is not correct, please modify it using IC Wizard app or the alert configuration app and then return to the Report Tool again.

- Once the information is displayed, proceed and fill-in the required information (**red boxes**):
 - VIN:** (full 17 characters – double check to prevent any typo mistakes)
 - Email:**
Where a copy of the report will be sent to (use any valid email address you prefer).
Note: the report will be also automatically sent to the logged in user email address.

The screenshot shows the 'SYSTEM REPORT TOOL' interface. It has a blue header with the Mobileye logo and the title 'SYSTEM REPORT TOOL'. Below the header, there are two tabs: '1. Connect to SeeQ' and '2. Setup Summary'. The main content area is divided into two columns. On the left, there is an image of a 'Master' device with a green checkmark. Below the image, it says 'Main display: EyeWatch 8. Version: 2.1.0-4.8.0'. On the right, there is a table with three columns: 'Position', 'Serial Number', and 'Firmware'. The first row shows 'Master', '3220011070N00151', and '4.23.12_PRE_PC2_v11.0.2'. Below this table is a 'Details' button. Underneath is a 'Vehicle Information' section with a table of fields: 'Vehicle model: Mobileye Generic 2022 - 2022', 'VIN (chassis): abcdef123456789ab', 'ISA status: ISA feature is disabled', 'Vehicle weight (TON): 1.6', 'Vehicle type: M1', 'Vehicle class: none', 'Articulated: No', 'Speed limitation: No speed limitation', and 'Country: Undefined'. Below this is an 'Email' section with a text input field containing 'mobileye@mobileye.com'. At the bottom, there are 'Back' and 'Finish' buttons. A footer bar at the very bottom contains the text: 'User Name:: eran.levy@mobileye.com | Serial number: 3220011070N00151 | Selected vehicle: No vehicle selected | Reconnect'.

6. Details Button

The screenshot shows the 'SYSTEM REPORT TOOL' interface at the '2. Setup Summary' step. On the left is an image of a 'Master' unit. On the right is a table with columns 'Position', 'Serial Number', and 'Firmware'. Below this is a 'Vehicle Information' section with fields for model, VIN, ISA status, weight, type, class, articulated status, speed limitation, and country. At the bottom is an 'Email' field. A 'Details' button is located to the right of the table. Below the table is a 'Generate Report' button and a 'Finish' button. At the bottom of the window is a status bar with user name, serial number, and selected vehicle information.

| Position | Serial Number | Firmware |
|----------|------------------|-------------------------|
| Master | 3220011070N00151 | 4.23.12_PRE_PC2_v11.0.2 |

Vehicle Information

| | |
|-----------------------|------------------------------|
| Vehicle model: | Mobileye Generic 2022 - 2022 |
| VIN (chassis): | abcdef123456789ab |
| ISA status: | ISA feature is disabled |
| Vehicle weight (TON): | 1.6 |
| Vehicle type: | M1 |
| Vehicle class: | none |
| Articulated: | No |
| Speed limitation: | No speed limitation |
| Country: | Undefined |

Email

| |
|-----------------------|
| mobileye@mobileye.com |
|-----------------------|

Main display: EyeWatch 8. Version: 2.1.0-4.8.0

I confirm that all displayed data accurately reflects the information available in the system.

Buttons: Back, Generate Report, Finish

Status bar: User Name: eran.levy@mobileye.com | Serial number: 3220011070N00151 | Selected vehicle: No vehicle selected | Reconnect

"Details" button

Click the "Details" button to see a detailed information related to the installation and calibration. (This data will be available in the report as well)

The 'Unit Details' window is divided into three sections:

1. System Information

| | |
|--------------------|------------------------|
| Serial Number : | 5220011070R00346 |
| Firmware Version : | 4.22.06.01_PC2_v10.4.3 |
| Display Type : | EW8 |

2. Installation

| | |
|------------------------|-----------------------------------|
| Installation Date : | 10/27/2024 1:50:55 PM |
| Installation Company : | Mobileye_Technical_Support_Global |
| Installation Tool : | WHCloneTool V8.4.0.0 |
| Project : | Add ISA Protocol |
| Profile : | Add ISA Protocol |

3. Calibration Results

| | |
|-------------------------|-------|
| Camera Height : | 1.664 |
| Deviation from Center : | 0 |
| FOE_X : | 68 |
| FOE_Y : | 0 |
| Roll : | 0 |

7. Confirmation

Check the confirmation checkbox after verifying all information is correct to generate the report.

The screenshot shows the 'SYSTEM REPORT TOOL' interface. The top navigation bar includes the Mobileye logo and the title 'SYSTEM REPORT TOOL'. Below the bar, there are two tabs: '1. Connect to SeeQ' and '2. Setup Summary'. The main content area is divided into two columns. On the left, there is a vertical image of a Mobileye device labeled 'Master' with a green checkmark. Below the image, it says 'Main display: EyeWatch 8. Version: 2.1.0-4.8.0'. On the right, there is a table with three columns: 'Position', 'Serial Number', and 'Firmware'. The table contains one row with the following data: Position: Master, Serial Number: 3220011070N00151, Firmware: 4.23.12_PRE_PC2_v11.0.2. A 'Details' button is located to the right of the table. Below the table is a 'Vehicle Information' section with a form containing the following fields: Vehicle model: Mobileye Generic 2022 - 2022; VIN (chassis): abcdef123456789ab; ISA status: ISA feature is disabled; Vehicle weight (TON): 1.6; Vehicle type: M1; Vehicle class: none; Articulated: No; Speed limitation: No speed limitation; Country: Undefined. Below this is an 'Email' section with a text input field containing 'mobileye@mobileye.com'. At the bottom of the form, there is a confirmation checkbox with the text 'I confirm that all displayed data accurately reflects the information available in the system.' The checkbox is currently unchecked and is highlighted with a red border. To the right of the checkbox is a 'Generate Report' button. At the bottom left, there is a 'Back' button. At the bottom right, there is a 'Finish' button. The footer of the interface displays: 'User Name:: eran.levy@mobileye.com | Serial number: 3220011070N00151 | Selected vehicle: No vehicle selected | Reconnect'.

| Position | Serial Number | Firmware |
|----------|------------------|-------------------------|
| Master | 3220011070N00151 | 4.23.12_PRE_PC2_v11.0.2 |

Vehicle Information

| | |
|-----------------------|------------------------------|
| Vehicle model: | Mobileye Generic 2022 - 2022 |
| VIN (chassis): | abcdef123456789ab |
| ISA status: | ISA feature is disabled |
| Vehicle weight (TON): | 1.6 |
| Vehicle type: | M1 |
| Vehicle class: | none |
| Articulated: | No |
| Speed limitation: | No speed limitation |
| Country: | Undefined |

Email

mobileye@mobileye.com

I confirm that all displayed data accurately reflects the information available in the system.

Back Generate Report Finish

User Name:: eran.levy@mobileye.com | Serial number: 3220011070N00151 | Selected vehicle: No vehicle selected | Reconnect

8. Click "Generate Report" button to complete the process

The report will be sent to the email address entered previously as well as to the installer's registered email.

In addition, a copy of the tool will save a copy of the report on the local computer, please follow the onscreen instruction and choose the location of where you want to save the report.

SYSTEM REPORT TOOL

1. Connect to SeeQ 2. Setup Summary

| Position | Serial Number | Firmware |
|----------|------------------|-------------------------|
| Master | 3220011070N00151 | 4.23.12_PRE_PC2_v11.0.2 |

[Details](#)

Vehicle Information

| | |
|-----------------------|------------------------------|
| Vehicle model: | Mobileye Generic 2022 - 2022 |
| VIN (chassis): | abcdef123456789ab |
| ISA status: | ISA feature is disabled |
| Vehicle weight (TON): | 1.6 |
| Vehicle type: | M1 |
| Vehicle class: | none |
| Articulated: | No |
| Speed limitation: | No speed limitation |
| Country: | Undefined |

Email

mobileye@mobileye.com

Main display: EyeWatch 8. Version: 2.1.0-4.8.0

I confirm that all displayed data accurately reflects the information available in the system.

Generate Report

Back **Finish**

User Name: eran.levy@mobileye.com | Serial number: 3220011070N00151 | Selected vehicle: No vehicle selected [Reconnect](#)

9. Click **"Finish"** to close the tool and return to the main IC app window.

SYSTEM REPORT TOOL

1. Connect to SeeQ 2. Setup Summary

| Position | Serial Number | Firmware |
|----------|------------------|-------------------------|
| Master | 3220011070N00151 | 4.23.12_PRE_PC2_v11.0.2 |

[Details](#)

Vehicle Information

| | |
|-----------------------|------------------------------|
| Vehicle model: | Mobileye Generic 2022 - 2022 |
| VIN (chassis): | abcdef123456789ab |
| ISA status: | ISA feature is disabled |
| Vehicle weight (TON): | 1.6 |
| Vehicle type: | M1 |
| Vehicle class: | none |
| Articulated: | No |
| Speed limitation: | No speed limitation |
| Country: | Undefined |

Email

eranl@mobileye.com

Main display: EyeWatch 8. Version: 2.1.0-4.8.0

I confirm that all displayed data accurately reflects the information available in the system.

[Back](#) [Generate Report](#) [Finish](#)

User Name: eran.levy@mobileye.com | Serial number: 3220011070N00151 | Selected vehicle: No vehicle selected | [Reconnect](#)

4. Installation report – PDF sample

4.1 General

The report document provides details regarding the installation method, hardware version, software version, calibration results and calibration details.

Below you can find a sample PDF of the installation report. The sample PDF contains the maximum setup possible of Mobileye components so keep in mind that it might be a bit different than your report.

Follow the sample report, you will find a description of each category in the installation report.

4.2 Installation Report – Summary

Vehicle information

The vehicle information which was entered by the installers during the calibration process.

Systems detected

The quantity of the detected cameras follows by the installation position, serial number and the installation date.

The position is set according to the profile chosen by the installer during the calibration process.

the installation time is a UTC format.

Displays

The number of detected display units including the master or side camera.

Mobileye System Installation Report

Summary

Vehicle Information

| | |
|--------------------------|-----------------------|
| Vehicle Model: | Acura MDX 2010 - 2019 |
| VIN (Chassis): | 48220220709011432 |
| Vehicle Weight (Ton): | 0 |
| Vehicle Type: | M1 |
| Vehicle Class: | N/A |
| Articulated: | No |
| Speed Limitations (kph): | No speed limitation |
| Country: | USA |

Systems detected

| Position | Serial number | Installation date |
|--------------|------------------|---------------------|
| Master | 1120011072400095 | 2023-10-31 14:58:56 |
| Center | 0922022070900011 | 2025-02-10 10:58:57 |
| Left | 3623022060E06893 | 2025-02-09 13:32:58 |
| Right Corner | 4822022070901143 | 2025-02-12 15:01:51 |
| Right | 2621022070900246 | 2025-02-10 15:33:40 |
| Rear Left | 2621022070900225 | 2025-02-12 11:56:17 |
| Rear Right | 2621022070900407 | 2025-02-10 10:27:00 |

Displays

| | |
|--------------------------|-------------------------|
| Main Display: | EW3 |
| Main Display Version: | 3.4.6 |
| Number of Side Displays: | 1 side display |
| ISA: | ISA feature is disabled |
| ISA Version: | 4.23.12 V1.8 |

4.3 Installation Report – Mobileye 8 unit

System information

Information related to the master camera which is installed on the front windshield, and it includes the system serial number and firmware version.

Installation

The installation date and time are in UTC format.

Installation company of which the installer is set to in Mobileye records.

The installation methods which is one of the below options:

1. Using the IC Wizard app
2. Using the Warehouse Clone app

And the selected profile used for it.

Calibration images

The final images of the Close and Far TAC performed during the calibration.

Note: the images should appear within 10seconds. If not, please close and reopen the tool and try again.

Mobileye System Installation Report

Mobileye 8 unit

System Information

| | |
|-------------------|-------------------------|
| Serial Number: | 0121011070P01293 |
| Firmware Version: | 4.23.12_PRE_PC2_v11.0.4 |
| Display type: | Other |

Installation

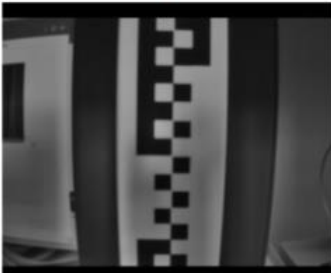
| | |
|-----------------------|--------------------------|
| Installation Date: | 2/27/2025 8:03:21 AM |
| Installation company: | Mobileye_IMS_Development |
| Installation method: | WizardTool |
| Selected profile: | Volkswagen Caddy |

Calibration


| | |
|------------------------|------|
| Camera height: | 1.38 |
| Deviation from center: | 0 |
| FOE X: | 16 |
| FOE Y: | 14 |
| Roll: | 0.1 |

Calibration images

Close TAC



Far TAC



4.4 Installation Report – Mobileye Fisheye System

Refers to any of the installed Fisheye cameras. Depending on your setup, it will show the relevant cameras that are detected and will display the below information for each camera.

Fisheye camera position can be one of the following: Center, Left, Right, Corner, Rear left and Rear right.

System information

Information related to the Fisheye camera, and it includes the system serial number, firmware version and the position.

Installation

The installation date and time are in UTC format.

Installation company of which the installer is set to in Mobileye records.

The installation method and the selected profile used for it.

Calibration

The calibration data and results.

Calibration images

The final images of the Close and Far TAC performed during the calibration.

Mobileye System Installation Report

Mobileye Center Fisheye System

System Information

| | |
|-------------------|-------------------------|
| Serial Number: | 0922022070900011 |
| Firmware Version: | 4.20.5_RC7_v8.2.31_R7.9 |
| Position: | Center |

Installation

| | |
|-----------------------|---|
| Installation Date: | 2/10/2025 10:58:57 AM |
| Installation company: | Mobileye_IMS_Development |
| Installation method: | FisheyeTool |
| Selected profile: | Project: QA Project ME internal Profile: MoisToSlave |

Calibration

| | |
|----------------|--------|
| Camera height: | 1.1 |
| Horizon: | 0 |
| Roll: | -0.016 |

Calibration images

| Close TAC | Far TAC |
|-----------|---------|
| | |

The Report Tool supports Fisheye cameras that were installed and configured only after November 1st, 2024.

If the unit was calibrated before November 1st, 2024, it must be calibrated again to pass Report Tool.

Click the "Details" button to see the error description.

The screenshot shows the 'SYSTEM REPORT TOOL' interface. On the left, a diagram of a vehicle with camera positions: Front Center, Left, Master, Right, Rear Left, and Rear Right, all marked with green checkmarks. Below the diagram are dropdown menus for 'Main display' and 'Side displays'. On the right, a table lists camera positions, serial numbers, and firmware versions. The 'Left' row is highlighted in red, and its 'Details' button is also highlighted with a red arrow. Below the table is a 'Vehicle Information' section with fields for model, VIN, ISA status, ISA version, weight, type, class, articulated status, speed limitation, and country. At the bottom, there is an 'Email' field and a confirmation checkbox.

| Position | Serial Number | Firmware |
|--------------|------------------|-------------------------|
| Master | 0121011070P01293 | 4.23.12_PRE_PC2_v11.0.4 |
| Right | 2621022070900246 | 4.20.5_RC7_v8.2.31_R7.9 |
| Front Center | 0922022070900011 | 4.20.5_RC7_v8.2.31_R7.9 |
| Left | 3623022060E06893 | |
| Rear Right | 2621022070900407 | 4.20.5_RC7_v8.2.40_R7.9 |
| Rear Left | 2621022070900225 | 4.20.5_RC7_v8.2.40_R7.9 |

Vehicle Information

| | |
|-----------------------|------------------------------|
| Vehicle model: | Volkswagen Caddy 2008 - 2013 |
| VIN (chassis): | 01230123012301230 |
| ISA status: | ISA feature is enabled |
| ISA version: | 4.23.12 V1.8 |
| Vehicle weight (TON): | 15 |
| Vehicle type: | M3 |
| Vehicle class: | CLASS-II |
| Articulated: | No |
| Speed limitation: | 95km/h |
| Country: | Israel |

The 'Unit Details' dialog box is shown with three sections: '1. System Information', '2. Installation', and '3. Calibration Results'. The 'Error Details' section at the bottom is highlighted with a red box and contains two error messages: 'Missing installation key' and 'No installation log of the unit found', each with an information icon.

| 1. System Information | |
|-----------------------|------------------|
| Serial Number : | 3623022060E06893 |
| Firmware Version : | |

| 2. Installation | |
|------------------------|------|
| Installation Date : | |
| Installation Company : | |
| Installation Tool : | |
| Camera Position : | Left |
| Project : | |
| Profile : | |

| 3. Calibration Results | |
|------------------------|--|
| Camera Height : | |
| FOE_Y : | |
| Roll : | |

Error Details

- Missing installation key
- No installation log of the unit found

5. troubleshooting

Below you can find common errors when generating a report for a Mobileye 8 standalone or as a part of the Fisheye system.

| Error | solution | | | | | | |
|---|--|-------------------------|----------|--------|------------------|-------------------------|---|
| <p><input type="checkbox"/> I confirm that all displayed data accurately reflects the information available in the system.</p> <p>Back</p> <p>The confirmation checkbox is gray and is not clickable.</p> | <ol style="list-style-type: none"> 1. Verify VIN number is correct and contain the entire 17 characters. 2. Verify email address is in the correct format. 3. Check the unit details information is not shown in red color. | | | | | | |
| <table border="1" data-bbox="212 1211 699 1272"> <thead> <tr> <th>Position</th> <th>Serial Number</th> <th>Firmware</th> </tr> </thead> <tbody> <tr> <td>Master</td> <td>3220011070N00151</td> <td>4.23.12_PRE_PC2_v11.0.2</td> </tr> </tbody> </table> <p>Details</p> <p>The unit details font is in red color</p> | Position | Serial Number | Firmware | Master | 3220011070N00151 | 4.23.12_PRE_PC2_v11.0.2 | <ol style="list-style-type: none"> 1. Verify that the unit is installed and calibrated successfully via: <ol style="list-style-type: none"> a. The standard installation process via the wizard tool. b. The clone tool application. 2. If this is a Fisheye system, make sure all Fisheye cameras are installed, calibrated and physically connected and powered on to the junction box. 3. If the unit was calibrated before November 1st, 2024, it must be calibrated again in order to pass Report Tool. 4. Click the "Details" button to get more details on the error and contact Support@mobileye.com if needed. |
| Position | Serial Number | Firmware | | | | | |
| Master | 3220011070N00151 | 4.23.12_PRE_PC2_v11.0.2 | | | | | |
| <p>No display type appears automatically</p> <p>Main display: <input type="text"/></p> | <p>Please check physical connection of Mobileye display unit.</p> <p>If no display is connected, please choose the relevant option from the dropdown menu.</p> | | | | | | |