Customer Requirements Specification

**Speed Bump ES**

**ـــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــــ**

**Table of Contents**

[Document Status:](#_lp71t726spji) ………………………………………………………………...1

[Document History:](#_edfh8stv33cy) ………………………………………………………………..1

[Reference Document:](#_cnrt6zvbitch) …………………………………………………………....2

[Project Description:](#_jhjnw0jh1mna) ……………………………………………………………....3

# **Document Status:**

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### Reference Document:

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| 1 | PO\_SB\_CR\_ES | V1.1 | Released |

#### 

#### Project Description:

Definition:

* The device detects speed bumps.

Features:

* The device can capture images.
* ECU protection and maintenance
* The device uses real time OS

Key Elements:

* The ECU shall connect to a camera that supports real-time capturing.
* The ECU shall monitor the battery’s voltage level.
* The ECU shall monitor its heat level.
* The ECU shall be connected to a DC fan to decrease heat

System Context:

CRS Requirements:

|  |  |  |  |
| --- | --- | --- | --- |
| **Req\_ID** | PO\_SB\_CRS\_***001***-V1.0 | **Covers** | PO\_SB\_CR\_***001***-V1.0 |
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