**Road Damage Label Tool\_v0.2**

1. Load Video file by the “Browse” button.

2. Frame Control: Select Image for the number of frame.

3. Select the crop size from the “Window Size” panel and crop the Image by “Cut” button.

4. Choose Parameters for

- Label size

- Moving step

- Dilate parameters (*imdilate(‘line’)*).

- Gaussian filtering parameter (*imgaussfilt()*)

5. Results path with be same folder as Video file.

- Auto create 3 folders for saving result

- Image: original image without label

- Mat\_File: intensity matrix

- Heatmap: convert from intensity matrix

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| **Key** | **function** |
| W/↑ | Move down the label position |
| S/↓ | Move up the label position |
| A/← | Move left the label position |
| D/→ | Move right the label position |
| Swift | Crop the Image |
| Ctrl | Save the Image, Heat map and intensity map |
| Space | Save current label point |
| R | Increase Label size by one |
| T | Decrease Label size by one |
| Q | Increase Step speed by one |
| E | Decrease Step speed by one |
| 1 | Set Label size to 10 |
| 2 | Set Label size to 20 |
| 3 | Set Label size to 30 |
| 4 | Set Label size to 40 |
| Caps Lock | Halved the Label size |
| 5 | Ease Model On/Off |