CAM'ouflage in Action

Herewith find some examples of how CAM'ouflage misleads Google Vision AI.

Example 1

Original

| Objects | Labels | Web | Text | Properties | Safe Search |

Payphone	99%
Green	95%
Telephone	92%
Telephone Booth	87%
Telephony	86%
Technology	73%
Electronic Device	61%
Machine	54%

CAM'ouflaged

| Objects | Labels | Web | Text | Properties | Safe Search |

| Green | 98% |
| Architecture | 65% |

Example 2

Original

| Objects | Labels | Web | Properties | Safe Search |

| Scissors | 92% |

CAM'ouflaged

| Objects | Labels | Web | Properties | Safe Search |

| Packaged goods | 76% |

IMG_1311.PNG

Example 3

Original

IMG_0440.JPG

Label	
Manhole	96%
Manhole Cover	87%
Asphalt	77%
Road Surface	72%
Pattern	62%
Circle	54%
Nonbuilding Structure	54%
Art	50%

CAM'ouflaged

IMG_1338.PNG

Label	
Circle	64%
Shadow	56%
City	51%

The "Latte Art" effect can mislead this AI more than 90% of the time. The performance of the other effects vary. We also plan to update CAM'ouflage to reflect the state of the art and also to counter for the advances in commercial vision AI systems.

Please feel free to contact us if further information is needed.

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