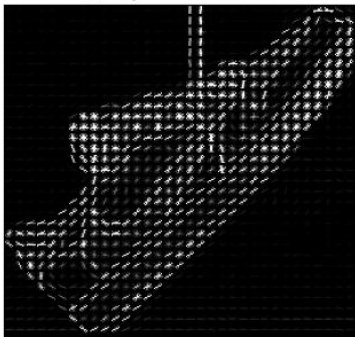## Query Image

Query HOG Features

Query SIFT Keypoints

Target Image

Target HOG Features

Target SIFT Keypoints

Feature Matches

Object Detection Result

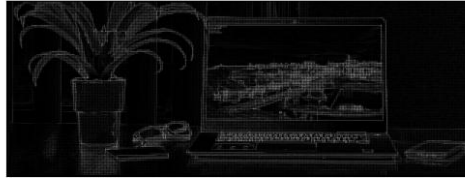## Query Image

Query HOG Features

Query SIFT Keypoints

Target Image

Target HOG Features

Target SIFT Keypoints

Feature Matches

Object Detection Result

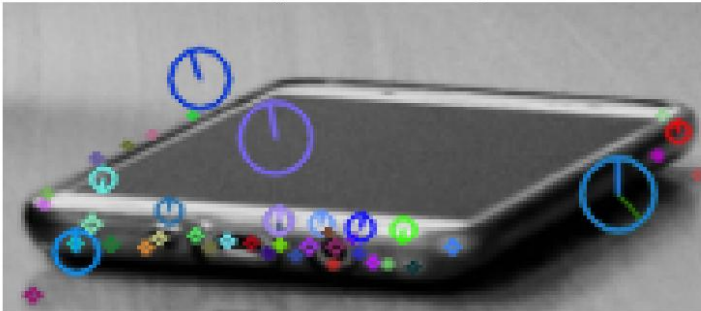## Reference Image

Query Image

SIFT Keypoints on Reference Image

Object Detection Result

Feature Matches

Feature Matches

Reference Image

Query Image

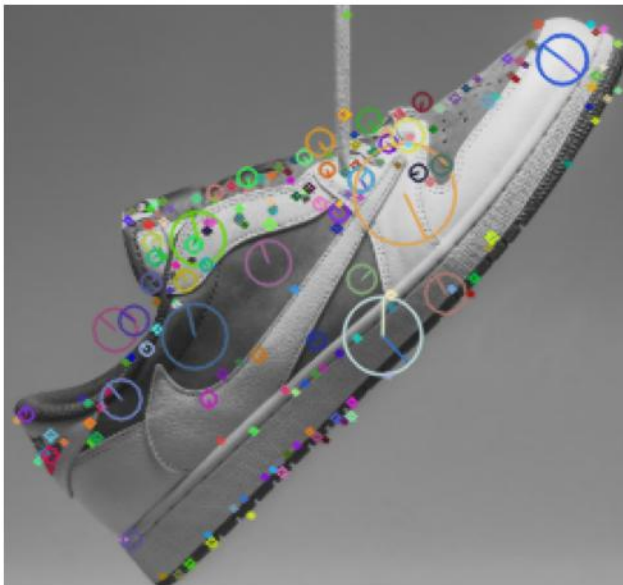## SIFT Keypoints on Reference Image

Object Detection Result

Predicted: Cat