Multiscale Input

RESNET

3x3 conv, 64
3x3 conv, 64
... 3x3 conv, 64

W

3x3 conv, 64
3x3 conv, 64
... 3x3 conv, 64

W

3x3 conv, 64
3x3 conv, 64
... 3x3 conv, 64

Fusion

Semantic Segmentation

Feature extraction:
Spatial Pyramid of
Histograms

REGRESSION

38 km/h

Speed Estimation