Method to use:	
Knowledge Distillation https://arxiv.org/abs/1503.02531	**http://openaccess.thecvf.com/content_cvpr_2017/papers/Li_Mimicking_Very_Efficient_CVPR_2017_paper.pdf** FitNets https://arxiv.org/abs/1412.6550 http://papers.nips.cc/paper/6676-learning-efficient-object-detection-models-with-knowledge-distillation https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8268087 https://arxiv.org/abs/1712.04837 https://arxiv.org/abs/1707.01083 https://arxiv.org/abs/1703.02529 https://github.com/dkozlov/awesome-knowledge-distillation
Depth-wise separable convolutions https://towardsdatascience.com/types-of-convolutions-in-deep-learning-717013397f4d	XCeption https://arxiv.org/abs/1610.02357 MobileNet https://arxiv.org/abs/1704.04861 EffNet: https://arxiv.org/pdf/1801.06434v1.pdf
Smaller Architectures	SqueezeNet https://arxiv.org/abs/1602.07360 https://arxiv.org/pdf/1711.05491.pdf (OKU)

Dilated Convolution https://www.google.com.tr/search?q=dilated+convolution&oq=dilated+convolution&aqs=chrome..69i57.3327j0j7&sourceid=chrome&ie=UTF-8&safe=active	https://towardsdatascience.com/types-of-convolutions-in-deep-learning-717013397f4d ***This delivers a wider field of view at the same computational cost. Dilated convolutions are particularly popular in the field of real-time segmentation.***
Video Information RNNs & LSTMs	Clockwork Convnets https://arxiv.org/pdf/1608.03609.pdf (OKU) https://arxiv.org/abs/1711.06368 (Google) https://arxiv.org/abs/1607.04648 (OKU) https://arxiv.org/pdf/1701.08936.pdf (OKU) https://kth.diva-portal.org/smash/get/diva2:1156631/FULLTEXT01.pdf (OKU) http://openaccess.thecvf.com/content_ICCV_2017/papers/Lu__Online_Video_ICCV_2017_paper.pdf (OKU)
Object Detection	SSD: https://arxiv.org/pdf/1512.02325.pdf
A framework	https://arxiv.org/pdf/1703.02529.pdf