Enc / D	Size
Input	$128 \times 128 \times 3$
Conv, BN, ReLU	$64 \times 64 \times 64$
Conv, BN, ReLU	$32 \times 32 \times 128$
Conv, BN, ReLU	$16 \times 16 \times 256$
Conv, BN, ReLU	$8 \times 8 \times 512$
Conv, BN, ReLU	$4 \times 4 \times 1024$
Reshape, FC, tanh	50 / 1

Dec / G	Size
Input	50
FC, ReLU, BN, Reshape	$4 \times 4 \times 1024$
Deconv, BN, ReLU	$8 \times 8 \times 512$
Deconv, BN, ReLU	$16 \times 16 \times 256$
Deconv, BN, ReLU	$32 \times 32 \times 128$
Deconv, BN, ReLU	$64 \times 64 \times 64$
Deconv, tanh	$128 \times 128 \times 3$