

Layer (type)	Output Shape	Param #
dense_1 (Dense)	(None, 1024)	835584
dense_2 (Dense)	(None, 4096)	4194304
atanh_1 (Atanh)	(None, 4096)	8192
dense_3 (Dense)	(None, 4096)	16777216
atanh_2 (Atanh)	(None, 4096)	8192
reshape_1 (Reshape)	(None, 64, 64, 1)	0
conv2d_1 (Conv2D)	(None, 64, 64, 64)	1600
p_re_lu_1 (PReLU)	(None, 64, 64, 64)	262144
dropout_1 (Dropout)	(None, 64, 64, 64)	0
conv2d_2 (Conv2D)	(None, 64, 64, 64)	102400
p_re_lu_2 (PReLU)	(None, 64, 64, 64)	262144
dropout_2 (Dropout)	(None, 64, 64, 64)	0
up_sampling2d_1 (UpSampling2D)	(None, 64, 64, 64)	0
conv2d_3 (Conv2D)	(None, 64, 64, 64)	200704
conv2d_4 (Conv2D)	(None, 64, 64, 1)	262144
a_re_lu_1 (AReLU)	(None, 64, 64, 1)	1

Total params: 22,914,625

Trainable params: 22,914,625

Non-trainable params: 0