

Model: "model"

Layer (type)	Output Shape	Param #	Connected to
=====			
input_1 (InputLayer)	[(None, 512, 512, 3 )]	0	[]
conv1_pad (ZeroPadding2D)	(None, 518, 518, 3)	0	['input_1[0][0]']
conv1_conv (Conv2D)	(None, 256, 256, 64 [0]')	9472	['conv1_pad[0]
	)		
conv1_bn (BatchNormalization)	(None, 256, 256, 64 [0]')	256	['conv1_conv[0]
	)		
conv1_relu (Activation)	(None, 256, 256, 64 [0]')	0	['conv1_bn[0]
	)		
pool1_pad (ZeroPadding2D)	(None, 258, 258, 64 [0]')	0	['conv1_relu[0]
	)		
pool1_pool (MaxPooling2D)	(None, 128, 128, 64 [0]')	0	['pool1_pad[0]
	)		
conv2_block1_1_conv (Conv2D)	(None, 128, 128, 64 [0]')	4160	['pool1_pool[0]
	)		
conv2_block1_1_bn (BatchNormal conv[0][0]')	(None, 128, 128, 64 ization)	256	['conv2_block1_1_
	)		
conv2_block1_1_relu (Activatio bn[0][0]')	(None, 128, 128, 64 n)	0	['conv2_block1_1_
	)		
conv2_block1_2_conv (Conv2D)	(None, 128, 128, 64 relu[0][0]')	36928	['conv2_block1_1_
	)		
conv2_block1_2_bn (BatchNormal conv[0][0]')	(None, 128, 128, 64 ization)	256	['conv2_block1_2_
	)		
conv2_block1_2_relu (Activatio bn[0][0]')	(None, 128, 128, 64 n)	0	['conv2_block1_2_
	)		
conv2_block1_0_conv (Conv2D)	(None, 128, 128, 25 [0]')	16640 6)	['pool1_pool[0]
	)		
conv2_block1_3_conv (Conv2D)	(None, 128, 128, 25 relu[0][0]')	16640	['conv2_block1_2_

	6)	
conv2_block1_0_bn (BatchNormal conv[0][0]') ization)	(None, 128, 128, 25 1024 6)	['conv2_block1_0_
conv2_block1_3_bn (BatchNormal conv[0][0]') ization)	(None, 128, 128, 25 1024 6)	['conv2_block1_3_
conv2_block1_add (Add) bn[0][0]', bn[0][0]']	(None, 128, 128, 25 0 6)	['conv2_block1_0_ 'conv2_block1_3_
conv2_block1_out (Activation) d[0][0]']	(None, 128, 128, 25 0 6)	['conv2_block1_ad
conv2_block2_1_conv (Conv2D) t[0][0]'] )	(None, 128, 128, 64 16448 )	['conv2_block1_ou
conv2_block2_1_bn (BatchNormal conv[0][0]') ization)	(None, 128, 128, 64 256 )	['conv2_block2_1_
conv2_block2_1_relu (Activatio bn[0][0]') n)	(None, 128, 128, 64 0 )	['conv2_block2_1_
conv2_block2_2_conv (Conv2D) relu[0][0]'] )	(None, 128, 128, 64 36928 )	['conv2_block2_1_
conv2_block2_2_bn (BatchNormal conv[0][0]') ization)	(None, 128, 128, 64 256 )	['conv2_block2_2_
conv2_block2_2_relu (Activatio bn[0][0]') n)	(None, 128, 128, 64 0 )	['conv2_block2_2_
conv2_block2_3_conv (Conv2D) relu[0][0]'] 6)	(None, 128, 128, 25 16640 6)	['conv2_block2_2_
conv2_block2_3_bn (BatchNormal conv[0][0]') ization)	(None, 128, 128, 25 1024 6)	['conv2_block2_3_
conv2_block2_add (Add) t[0][0]', bn[0][0]']	(None, 128, 128, 25 0 6)	['conv2_block1_ou 'conv2_block2_3_
conv2_block2_out (Activation) d[0][0]'] 6)	(None, 128, 128, 25 0 6)	['conv2_block2_ad
conv2_block3_1_conv (Conv2D)	(None, 128, 128, 64 16448	['conv2_block2_ou

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t[0][0]']
                                )

conv2_block3_1_bn (BatchNormal (None, 128, 128, 64 256      ['conv2_block3_1_
conv[0][0]']
ization)                                )

conv2_block3_1_relu (Activatio (None, 128, 128, 64 0      ['conv2_block3_1_
bn[0][0]']
n)                                )

conv2_block3_2_conv (Conv2D)    (None, 128, 128, 64 36928  ['conv2_block3_1_
relu[0][0]']
                                )

conv2_block3_2_bn (BatchNormal (None, 128, 128, 64 256      ['conv2_block3_2_
conv[0][0]']
ization)                                )

conv2_block3_2_relu (Activatio (None, 128, 128, 64 0      ['conv2_block3_2_
bn[0][0]']
n)                                )

conv2_block3_3_conv (Conv2D)    (None, 128, 128, 25 16640  ['conv2_block3_2_
relu[0][0]']
                                6)

conv2_block3_3_bn (BatchNormal (None, 128, 128, 25 1024      ['conv2_block3_3_
conv[0][0]']
ization)                                6)

conv2_block3_add (Add)           (None, 128, 128, 25 0      ['conv2_block2_ou
t[0][0]',
                                6)
bn[0][0]']                                'conv2_block3_3_

conv2_block3_out (Activation)    (None, 128, 128, 25 0      ['conv2_block3_ad
d[0][0]']
                                6)

conv3_block1_1_conv (Conv2D)    (None, 64, 64, 128) 32896  ['conv2_block3_ou
t[0][0]']

conv3_block1_1_bn (BatchNormal (None, 64, 64, 128) 512      ['conv3_block1_1_
conv[0][0]']
ization)

conv3_block1_1_relu (Activatio (None, 64, 64, 128) 0      ['conv3_block1_1_
bn[0][0]']
n)

conv3_block1_2_conv (Conv2D)    (None, 64, 64, 128) 147584  ['conv3_block1_1_
relu[0][0]']

conv3_block1_2_bn (BatchNormal (None, 64, 64, 128) 512      ['conv3_block1_2_
conv[0][0]']
ization)

conv3_block1_2_relu (Activatio (None, 64, 64, 128) 0      ['conv3_block1_2_
bn[0][0]']
n)

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conv3_block1_0_conv (Conv2D)	(None, 64, 64, 512)	131584	['conv2_block3_out[0][0]']
conv3_block1_3_conv (Conv2D)	(None, 64, 64, 512)	66048	['conv3_block1_2_relu[0][0]']
conv3_block1_0_bn (BatchNormalization)	(None, 64, 64, 512)	2048	['conv3_block1_0_conv[0][0]']
conv3_block1_3_bn (BatchNormalization)	(None, 64, 64, 512)	2048	['conv3_block1_3_conv[0][0]']
conv3_block1_add (Add)	(None, 64, 64, 512)	0	['conv3_block1_0_bn[0][0]', 'conv3_block1_3_bn[0][0]']
conv3_block1_out (Activation)	(None, 64, 64, 512)	0	['conv3_block1_add[0][0]']
conv3_block2_1_conv (Conv2D)	(None, 64, 64, 128)	65664	['conv3_block1_out[0][0]']
conv3_block2_1_bn (BatchNormalization)	(None, 64, 64, 128)	512	['conv3_block2_1_conv[0][0]']
conv3_block2_1_relu (Activation)	(None, 64, 64, 128)	0	['conv3_block2_1_bn[0][0]']
conv3_block2_2_conv (Conv2D)	(None, 64, 64, 128)	147584	['conv3_block2_1_relu[0][0]']
conv3_block2_2_bn (BatchNormalization)	(None, 64, 64, 128)	512	['conv3_block2_2_conv[0][0]']
conv3_block2_2_relu (Activation)	(None, 64, 64, 128)	0	['conv3_block2_2_bn[0][0]']
conv3_block2_3_conv (Conv2D)	(None, 64, 64, 512)	66048	['conv3_block2_2_relu[0][0]']
conv3_block2_3_bn (BatchNormalization)	(None, 64, 64, 512)	2048	['conv3_block2_3_conv[0][0]']
conv3_block2_add (Add)	(None, 64, 64, 512)	0	['conv3_block1_out[0][0]', 'conv3_block2_3_bn[0][0]']
conv3_block2_out (Activation)	(None, 64, 64, 512)	0	['conv3_block2_add[0][0]']
conv3_block3_1_conv (Conv2D)	(None, 64, 64, 128)	65664	['conv3_block2_out[0][0]']

t[0][0]']

conv3\_block3\_1\_bn (BatchNormal (None, 64, 64, 128) 512 ['conv3\_block3\_1\_  
conv[0][0]']  
ization)

conv3\_block3\_1\_relu (Activatio (None, 64, 64, 128) 0 ['conv3\_block3\_1\_  
bn[0][0]']  
n)

conv3\_block3\_2\_conv (Conv2D) (None, 64, 64, 128) 147584 ['conv3\_block3\_1\_  
relu[0][0]']

conv3\_block3\_2\_bn (BatchNormal (None, 64, 64, 128) 512 ['conv3\_block3\_2\_  
conv[0][0]']  
ization)

conv3\_block3\_2\_relu (Activatio (None, 64, 64, 128) 0 ['conv3\_block3\_2\_  
bn[0][0]']  
n)

conv3\_block3\_3\_conv (Conv2D) (None, 64, 64, 512) 66048 ['conv3\_block3\_2\_  
relu[0][0]']

conv3\_block3\_3\_bn (BatchNormal (None, 64, 64, 512) 2048 ['conv3\_block3\_3\_  
conv[0][0]']  
ization)

conv3\_block3\_add (Add) (None, 64, 64, 512) 0 ['conv3\_block2\_ou  
t[0][0]',  
bn[0][0]']

conv3\_block3\_out (Activation) (None, 64, 64, 512) 0 ['conv3\_block3\_ad  
d[0][0]']

conv3\_block4\_1\_conv (Conv2D) (None, 64, 64, 128) 65664 ['conv3\_block3\_ou  
t[0][0]']

conv3\_block4\_1\_bn (BatchNormal (None, 64, 64, 128) 512 ['conv3\_block4\_1\_  
conv[0][0]']  
ization)

conv3\_block4\_1\_relu (Activatio (None, 64, 64, 128) 0 ['conv3\_block4\_1\_  
bn[0][0]']  
n)

conv3\_block4\_2\_conv (Conv2D) (None, 64, 64, 128) 147584 ['conv3\_block4\_1\_  
relu[0][0]']

conv3\_block4\_2\_bn (BatchNormal (None, 64, 64, 128) 512 ['conv3\_block4\_2\_  
conv[0][0]']  
ization)

conv3\_block4\_2\_relu (Activatio (None, 64, 64, 128) 0 ['conv3\_block4\_2\_  
bn[0][0]']  
n)

conv3\_block4\_3\_conv (Conv2D) (None, 64, 64, 512) 66048 ['conv3\_block4\_2\_  
relu[0][0]']

conv3_block4_3_bn (BatchNormal conv[0][0]') ization)	(None, 64, 64, 512) 2048	['conv3_block4_3_
conv3_block4_add (Add) t[0][0]', bn[0][0]')	(None, 64, 64, 512) 0	['conv3_block3_ou  'conv3_block4_3_
conv3_block4_out (Activation) d[0][0]')	(None, 64, 64, 512) 0	['conv3_block4_ad
conv4_block1_1_conv (Conv2D) t[0][0]')	(None, 32, 32, 256) 131328	['conv3_block4_ou
conv4_block1_1_bn (BatchNormal conv[0][0]') ization)	(None, 32, 32, 256) 1024	['conv4_block1_1_
conv4_block1_1_relu (Activatio bn[0][0]') n)	(None, 32, 32, 256) 0	['conv4_block1_1_
conv4_block1_2_conv (Conv2D) relu[0][0]')	(None, 32, 32, 256) 590080	['conv4_block1_1_
conv4_block1_2_bn (BatchNormal conv[0][0]') ization)	(None, 32, 32, 256) 1024	['conv4_block1_2_
conv4_block1_2_relu (Activatio bn[0][0]') n)	(None, 32, 32, 256) 0	['conv4_block1_2_
conv4_block1_0_conv (Conv2D) t[0][0]')	(None, 32, 32, 1024 525312 )	['conv3_block4_ou
conv4_block1_3_conv (Conv2D) relu[0][0]')	(None, 32, 32, 1024 263168 )	['conv4_block1_2_
conv4_block1_0_bn (BatchNormal conv[0][0]') ization)	(None, 32, 32, 1024 4096 )	['conv4_block1_0_
conv4_block1_3_bn (BatchNormal conv[0][0]') ization)	(None, 32, 32, 1024 4096 )	['conv4_block1_3_
conv4_block1_add (Add) bn[0][0]', bn[0][0]')	(None, 32, 32, 1024 0 )	['conv4_block1_0_  'conv4_block1_3_
conv4_block1_out (Activation) d[0][0]')	(None, 32, 32, 1024 0 )	['conv4_block1_ad
conv4_block2_1_conv (Conv2D) t[0][0]')	(None, 32, 32, 256) 262400	['conv4_block1_ou

conv4_block2_1_bn (BatchNormal conv[0][0]' ization)	(None, 32, 32, 256) 1024	['conv4_block2_1_
conv4_block2_1_relu (Activatio bn[0][0]' n)	(None, 32, 32, 256) 0	['conv4_block2_1_
conv4_block2_2_conv (Conv2D) relu[0][0]'	(None, 32, 32, 256) 590080	['conv4_block2_1_
conv4_block2_2_bn (BatchNormal conv[0][0]' ization)	(None, 32, 32, 256) 1024	['conv4_block2_2_
conv4_block2_2_relu (Activatio bn[0][0]' n)	(None, 32, 32, 256) 0	['conv4_block2_2_
conv4_block2_3_conv (Conv2D) relu[0][0]'	(None, 32, 32, 1024 263168	['conv4_block2_2_
conv4_block2_3_bn (BatchNormal conv[0][0]' ization)	(None, 32, 32, 1024 4096	['conv4_block2_3_
conv4_block2_add (Add) t[0][0]', bn[0][0]'	(None, 32, 32, 1024 0	['conv4_block1_ou 'conv4_block2_3_
conv4_block2_out (Activation) d[0][0]'	(None, 32, 32, 1024 0	['conv4_block2_ad
conv4_block3_1_conv (Conv2D) t[0][0]'	(None, 32, 32, 256) 262400	['conv4_block2_ou
conv4_block3_1_bn (BatchNormal conv[0][0]' ization)	(None, 32, 32, 256) 1024	['conv4_block3_1_
conv4_block3_1_relu (Activatio bn[0][0]' n)	(None, 32, 32, 256) 0	['conv4_block3_1_
conv4_block3_2_conv (Conv2D) relu[0][0]'	(None, 32, 32, 256) 590080	['conv4_block3_1_
conv4_block3_2_bn (BatchNormal conv[0][0]' ization)	(None, 32, 32, 256) 1024	['conv4_block3_2_
conv4_block3_2_relu (Activatio bn[0][0]' n)	(None, 32, 32, 256) 0	['conv4_block3_2_
conv4_block3_3_conv (Conv2D) relu[0][0]'	(None, 32, 32, 1024 263168	['conv4_block3_2_

```

    )

    conv4_block3_3_bn (BatchNormal (None, 32, 32, 1024 4096      ['conv4_block3_3_
conv[0][0]')
ization)
    )

    conv4_block3_add (Add)      (None, 32, 32, 1024 0      ['conv4_block2_ou
t[0][0]',
    )
bn[0][0]']

    conv4_block3_out (Activation) (None, 32, 32, 1024 0      ['conv4_block3_ad
d[0][0]']
    )

    conv4_block4_1_conv (Conv2D)  (None, 32, 32, 256) 262400      ['conv4_block3_ou
t[0][0]']

    conv4_block4_1_bn (BatchNormal (None, 32, 32, 256) 1024      ['conv4_block4_1_
conv[0][0]')
ization)

    conv4_block4_1_relu (Activatio (None, 32, 32, 256) 0      ['conv4_block4_1_
bn[0][0]']
n)

    conv4_block4_2_conv (Conv2D)  (None, 32, 32, 256) 590080      ['conv4_block4_1_
relu[0][0]']

    conv4_block4_2_bn (BatchNormal (None, 32, 32, 256) 1024      ['conv4_block4_2_
conv[0][0]')
ization)

    conv4_block4_2_relu (Activatio (None, 32, 32, 256) 0      ['conv4_block4_2_
bn[0][0]']
n)

    conv4_block4_3_conv (Conv2D)  (None, 32, 32, 1024 263168      ['conv4_block4_2_
relu[0][0]']
    )

    conv4_block4_3_bn (BatchNormal (None, 32, 32, 1024 4096      ['conv4_block4_3_
conv[0][0]')
ization)
    )

    conv4_block4_add (Add)      (None, 32, 32, 1024 0      ['conv4_block3_ou
t[0][0]',
    )
bn[0][0]']

    conv4_block4_out (Activation) (None, 32, 32, 1024 0      ['conv4_block4_ad
d[0][0]']
    )

    conv4_block5_1_conv (Conv2D)  (None, 32, 32, 256) 262400      ['conv4_block4_ou
t[0][0]']

    conv4_block5_1_bn (BatchNormal (None, 32, 32, 256) 1024      ['conv4_block5_1_
conv[0][0]')
ization)

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conv4_block5_1_relu (Activation)	(None, 32, 32, 256)	0	['conv4_block5_1_relu[0][0]']
conv4_block5_2_conv (Conv2D)	(None, 32, 32, 256)	590080	['conv4_block5_1_relu[0][0]']
conv4_block5_2_bn (BatchNormalization)	(None, 32, 32, 256)	1024	['conv4_block5_2_conv[0][0]']
conv4_block5_2_relu (Activation)	(None, 32, 32, 256)	0	['conv4_block5_2_bn[0][0]']
conv4_block5_3_conv (Conv2D)	(None, 32, 32, 1024)	263168	['conv4_block5_2_relu[0][0]']
conv4_block5_3_bn (BatchNormalization)	(None, 32, 32, 1024)	4096	['conv4_block5_3_conv[0][0]']
conv4_block5_add (Add)	(None, 32, 32, 1024)	0	['conv4_block4_output[0][0]', 'conv4_block5_3_bn[0][0]']
conv4_block5_out (Activation)	(None, 32, 32, 1024)	0	['conv4_block5_add[0][0]']
conv4_block6_1_conv (Conv2D)	(None, 32, 32, 256)	262400	['conv4_block5_out[0][0]']
conv4_block6_1_bn (BatchNormalization)	(None, 32, 32, 256)	1024	['conv4_block6_1_conv[0][0]']
conv4_block6_1_relu (Activation)	(None, 32, 32, 256)	0	['conv4_block6_1_bn[0][0]']
conv4_block6_2_conv (Conv2D)	(None, 32, 32, 256)	590080	['conv4_block6_1_relu[0][0]']
conv4_block6_2_bn (BatchNormalization)	(None, 32, 32, 256)	1024	['conv4_block6_2_conv[0][0]']
conv4_block6_2_relu (Activation)	(None, 32, 32, 256)	0	['conv4_block6_2_bn[0][0]']
conv4_block6_3_conv (Conv2D)	(None, 32, 32, 1024)	263168	['conv4_block6_2_relu[0][0]']
conv4_block6_3_bn (BatchNormalization)	(None, 32, 32, 1024)	4096	['conv4_block6_3_conv[0][0]']

conv4_block6_add (Add) t[0][0]'], bn[0][0]']	(None, 32, 32, 1024 0 )	['conv4_block5_ou 'conv4_block6_3_
conv4_block6_out (Activation) d[0][0]']	(None, 32, 32, 1024 0 )	['conv4_block6_ad
average_pooling2d (AveragePool t[0][0]'] ing2D)	(None, 1, 1, 1024) 0	['conv4_block6_ou
conv2d (Conv2D) 2d[0][0]']	(None, 1, 1, 256) 262144	['average_pooling
batch_normalization (BatchNorm alization)	(None, 1, 1, 256) 1024	['conv2d[0][0]']
conv2d_1 (Conv2D) t[0][0]']	(None, 32, 32, 256) 262144	['conv4_block6_ou
conv2d_2 (Conv2D) t[0][0]']	(None, 32, 32, 256) 2359296	['conv4_block6_ou
conv2d_3 (Conv2D) t[0][0]']	(None, 32, 32, 256) 2359296	['conv4_block6_ou
conv2d_4 (Conv2D) t[0][0]']	(None, 32, 32, 256) 2359296	['conv4_block6_ou
activation (Activation) tion[0][0]']	(None, 1, 1, 256) 0	['batch_normaliza
batch_normalization_1 (BatchNo [0]'] rmalization)	(None, 32, 32, 256) 1024	['conv2d_1[0]
batch_normalization_2 (BatchNo [0]'] rmalization)	(None, 32, 32, 256) 1024	['conv2d_2[0]
batch_normalization_3 (BatchNo [0]'] rmalization)	(None, 32, 32, 256) 1024	['conv2d_3[0]
batch_normalization_4 (BatchNo [0]'] rmalization)	(None, 32, 32, 256) 1024	['conv2d_4[0]
up_sampling2d (UpSampling2D) [0]']	(None, 32, 32, 256) 0	['activation[0]
activation_1 (Activation) tion_1[0][0]']	(None, 32, 32, 256) 0	['batch_normaliza
activation_2 (Activation) tion_2[0][0]']	(None, 32, 32, 256) 0	['batch_normaliza
activation_3 (Activation)	(None, 32, 32, 256) 0	['batch_normaliza

tion_3[0][0]'			
activation_4 (Activation) tion_4[0][0]'	(None, 32, 32, 256)	0	['batch_normaliza
concatenate (Concatenate) [0][0]',	(None, 32, 32, 1280	0	['up_sampling2d
[0]',	)		'activation_1[0]
[0]',			'activation_2[0]
[0]',			'activation_3[0]
[0]'			'activation_4[0]
conv2d_5 (Conv2D) [0]'	(None, 32, 32, 256)	327680	['concatenate[0]
batch_normalization_5 (BatchNo [0]'	(None, 32, 32, 256)	1024	['conv2d_5[0]
rmalization)			
conv2d_6 (Conv2D) t[0][0]'	(None, 128, 128, 48	12288	['conv2_block2_ou
	)		
activation_5 (Activation) tion_5[0][0]'	(None, 32, 32, 256)	0	['batch_normaliza
batch_normalization_6 (BatchNo [0]'	(None, 128, 128, 48	192	['conv2d_6[0]
rmalization)	)		
up_sampling2d_1 (UpSampling2D) [0]'	(None, 128, 128, 25	0	['activation_5[0]
	6)		
activation_6 (Activation) tion_6[0][0]'	(None, 128, 128, 48	0	['batch_normaliza
	)		
concatenate_1 (Concatenate) [0][0]',	(None, 128, 128, 30	0	['up_sampling2d_1
[0]'	4)		'activation_6[0]
global_average_pooling2d (Glob [0][0]'	(None, 304)	0	['concatenate_1
alAveragePooling2D)			
reshape (Reshape) pooling2d[0][0]'	(None, 1, 1, 304)	0	['global_average_
			]
dense (Dense)	(None, 1, 1, 38)	11552	['reshape[0][0]'
dense_1 (Dense)	(None, 1, 1, 304)	11552	['dense[0][0]'
tf.math.multiply (TFOpLambda) [0][0]',	(None, 128, 128, 30	0	['concatenate_1

	4)	'dense_1[0][0]'
conv2d_7 (Conv2D)	(None, 128, 128, 25 700416	['tf.math.multip
	6)	
batch_normalization_7 (BatchNo	(None, 128, 128, 25 1024	['conv2d_7[0]
rmalization)	6)	
activation_7 (Activation)	(None, 128, 128, 25 0	['batch_normaliza
tion_7[0][0]'	6)	
conv2d_8 (Conv2D)	(None, 128, 128, 25 589824	['activation_7[0]
[0]'	6)	
batch_normalization_8 (BatchNo	(None, 128, 128, 25 1024	['conv2d_8[0]
[0]'	6)	
rmalization)	6)	
activation_8 (Activation)	(None, 128, 128, 25 0	['batch_normaliza
tion_8[0][0]'	6)	
global_average_pooling2d_1 (Gl	(None, 256)	0
[0]'		['activation_8[0]
obalAveragePooling2D)		
reshape_1 (Reshape)	(None, 1, 1, 256)	0
pooling2d_1[0][0]		['global_average_
		']']
dense_2 (Dense)	(None, 1, 1, 32)	8192
[0]'		['reshape_1[0]
dense_3 (Dense)	(None, 1, 1, 256)	8192
		['dense_2[0][0]']
tf.math.multiply_1 (TFOpLambda	(None, 128, 128, 25 0	['activation_8[0]
[0]',	6)	
)		'dense_3[0][0]']
up_sampling2d_2 (UpSampling2D)	(None, 512, 512, 25 0	['tf.math.multip
y_1[0][0]'	6)	
conv2d_9 (Conv2D)	(None, 512, 512, 1) 257	['up_sampling2d_2
[0][0]'		
activation_9 (Activation)	(None, 512, 512, 1) 0	['conv2d_9[0]
[0]'		

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Total params: 17,869,697  
Trainable params: 17,834,913  
Non-trainable params: 34,784