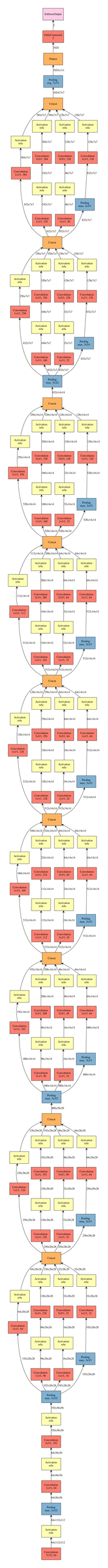
SoftmaxOutput
FullyConnected 2
1024
Flatten
1024x1x1
Pooling avg, 7x7/1
1024x7x7
Concat
384x7x7
384x7x7
128x7x7
128x7x7
Activation relu
Activation relu
Activation relu
Activation relu
384x7x7
384x7x7
128x7x7
128x7x7
Convolution 1x1/1, 384
Convolution 3x3/1, 384
Convolution 3x3/1, 128
Convolution 1x1/1, 128
192x7x7
192x7x7
48x7x7
48x7x7
Activation relu
Activation relu
Activation relu
Activation relu
192x7x7
192x7x7
48x7x7
48x7x7
Convolution 1x1/1, 192
Convolution 1x1/1, 48
Pooling max, 3x3/1
192x7x7
192x7x7
48x7x7
192x7x7
Concat
256x7x7
256x7x7
128x7x7
128x7x7
Activation relu
Activation relu
Activation relu
Activation relu
256x7x7
256x7x7
128x7x7
128x7x7
Convolution 1x1/1, 256
Convolution 3x3/1, 320
Convolution 3x3/1, 128
Convolution 1x1/1, 128
192x7x7
192x7x7
32x7x7
32x7x7
Activation relu
Activation relu
Activation relu
Activation relu
192x7x7
192x7x7
32x7x7
192x7x7
Convolution 1x1/1, 192
Convolution 1x1/1, 32
Pooling max, 3x3/1
192x7x7
192x7x7
192x7x7
Pooling max, 3x3/1
192x16x16
Concat
256x16x16
256x16x16
128x16x16
128x16x16
Activation relu
Activation relu
Activation relu
Activation relu
256x16x16
256x16x16
128x16x16
128x16x16
Convolution 1x1/1, 256
Convolution 3x3/1, 320
Convolution 3x3/1, 128
Convolution 1x1/1, 128
160x16x16
32x16x16
32x16x16
128x16x16
Activation relu
Activation relu
Activation relu
Activation relu
128x16x16
160x16x16
32x16x16
128x16x16
Convolution 1x1/1, 128
Convolution 3x3/1, 160
Convolution 1x1/1, 32
Pooling max, 3x3/1
128x16x16
128x16x16
32x16x16
320x16x16
Concat
512x16x16
256x16x16
64x16x16
64x16x16
Activation relu
Activation relu
Activation relu
Activation relu
512x16x16
256x16x16
64x16x16
64x16x16
Convolution 1x1/1, 512
Convolution 3x3/1, 288
Convolution 3x3/1, 64
Convolution 1x1/1, 64
144x16x16
32x16x16
32x16x16
512x16x16
Activation relu
Activation relu
Activation relu
Activation relu
512x16x16
144x16x16
32x16x16
512x16x16
Convolution 1x1/1, 512
Convolution 3x3/1, 144
Convolution 1x1/1, 32
Pooling max, 3x3/1
512x16x16
512x16x16
32x16x16
512x16x16
Concat
528x16x16
256x16x16
64x16x16
64x16x16
Activation relu
Activation relu
Activation relu
Activation relu
528x16x16
256x16x16
64x16x16
64x16x16
Convolution 1x1/1, 528
Convolution 3x3/1, 320
Convolution 3x3/1, 64
Convolution 1x1/1, 64
160x16x16
24x16x16
24x16x16
512x16x16
Activation relu
Activation relu
Activation relu
Activation relu
512x16x16
160x16x16
24x16x16
512x16x16
Convolution 1x1/1, 512
Convolution 3x3/1, 160
Convolution 1x1/1, 24
Pooling max, 3x3/1
512x16x16
512x16x16
24x16x16
512x16x16
Concat
512x16x16
224x16x16
64x16x16
64x16x16
Activation relu
Activation relu
Activation relu
Activation relu
512x16x16
224x16x16
64x16x16
64x16x16
Convolution 1x1/1, 512
Convolution 3x3/1, 224
Convolution 3x3/1, 64
Convolution 1x1/1, 64
112x16x16
24x16x16
24x16x16
512x16x16
Activation relu
Activation relu
Activation relu
Activation relu
512x16x16
112x16x16
24x16x16
512x16x16
Convolution 1x1/1, 512
Convolution 3x3/1, 112
Convolution 1x1/1, 24
Pooling max, 3x3/1
512x16x16
512x16x16
24x16x16
512x16x16
Concat
512x16x16
256x16x16
64x16x16
64x16x16
Activation relu
Activation relu
Activation relu
Activation relu
512x16x16
256x16x16
64x16x16
64x16x16
Convolution 1x1/1, 512
Convolution 3x3/1, 256
Convolution 3x3/1, 64
Convolution 1x1/1, 64
128x16x16
24x16x16
24x16x16
512x16x16
Activation relu
Activation relu
Activation relu
Activation relu
512x16x16
128x16x16
24x16x16
512x16x16
Convolution 1x1/1, 512
Convolution 3x3/1, 128
Convolution 1x1/1, 24
Pooling max, 3x3/1
512x16x16
512x16x16
24x16x16
512x16x16
Concat
528x16x16
256x16x16
64x16x16
64x16x16
Activation relu
Activation relu
Activation relu
Activation relu
528x16x16
256x16x16
64x16x16
64x16x16
Convolution 1x1/1, 528
Convolution 3x3/1, 320
Convolution 3x3/1, 64
Convolution 1x1/1, 64
160x16x16
32x16x16
32x16x16
528x16x16
Activation relu
Activation relu
Activation relu
Activation relu
528x16x16
160x16x16
32x16x16
528x16x16
Convolution 1x1/1, 528
Convolution 3x3/1, 160
Convolution 1x1/1, 32
Pooling max, 3x3/1
528x16x16
528x16x16
32x16x16
528x16x16
Concat
832x16x16
320x16x16
128x16x16
128x16x16
Activation relu
Activation relu
Activation relu
Activation relu
832x16x16
320x16x16
128x16x16
128x16x16
Convolution 1x1/1, 832
Convolution 3x3/1, 320
Convolution 3x3/1, 128
Convolution 1x1/1, 128
160x16x16
32x16x16
32x16x16
832x16x16
Activation relu
Activation relu
Activation relu
Activation relu
832x16x16
160x16x16
32x16x16
832x16x16
Convolution 1x1/1, 832
Convolution 3x3/1, 160
Convolution 1x1/1, 32
Pooling max, 3x3/1
832x16x16
832x16x16
32x16x16
832x16x16
Concat
832x16x16
384x16x16
192x16x16
192x16x16
Activation relu
Activation relu
Activation relu
Activation relu
832x16x16
384x16x16
192x16x16
192x16x16
Convolution 1x1/1, 832
Convolution 3x3/1, 384
Convolution 3x3/1, 192
Convolution 1x1/1, 192
48x16x16
96x16x16
96x16x16
832x16x16
Activation relu
Activation relu
Activation relu
Activation relu
832x16x16
48x16x16
96x16x16
832x16x16
Convolution 1x1/1, 832
Convolution 3x3/1, 48
Convolution 3x3/1, 96
Convolution 1x1/1, 96
Pooling max, 3x3/1
832x16x16
832x16x16
96x16x16
832x16x16
Concat
1024x8x8
192x8x8
96x8x8
96x8x8
Activation relu
Activation relu
Activation relu
Activation relu
1024x8x8
192x8x8
96x8x8
96x8x8
Convolution 1x1/1, 1024
Convolution 3x3/1, 192
Convolution 3x3/1, 96
Convolution 1x1/1, 96
128x8x8
128x8x8
32x8x8
256x8x8
Activation relu
Activation relu
Activation relu
Activation relu
1024x8x8
128x8x8
32x8x8
256x8x8
Convolution 1x1/1, 1024
Convolution 3x3/1, 128
Convolution 3x3/1, 32
Pooling max, 3x3/1
1024x8x8
1024x8x8
32x8x8
256x8x8
Concat
640x8x8
128x8x8
32x8x8
256x8x8
Activation relu
Activation relu
Activation relu
Activation relu
640x8x8
128x8x8
32x8x8
256x8x8
Convolution 1x1/1, 640
Convolution 3x3/1, 128
Convolution 3x3/1, 32
Convolution 1x1/1, 32
96x8x8
32x8x8
32x8x8
192x8x8
Activation relu
Activation relu
Activation relu
Activation relu
192x8x8
96x8x8
32x8x8
192x8x8
Convolution 1x1/1, 192
Convolution 3x3/1, 96
Convolution 3x3/1, 32
Pooling max, 3x3/1
192x8x8
192x8x8
32x8x8
192x8x8
Pooling max, 3x3/1
192x8x8
Activation relu
192x8x8
Convolution 3x3/1, 192
640x56x56
Activation relu
640x56x56
Convolution 1x1/1, 64
640x56x56
Pooling max, 3x3/1
640x112x112
Activation relu
640x112x112
Convolution 7x7/2, 64