

Layer	Activation size
Input	$3 \times 128 \times 128$
$8 \times 8 \times 32$ conv, pad 3, stride 2	$32 \times 64 \times 64$
$3 \times 3 \times 32$ conv, pad 1, stride 1	$32 \times 64 \times 64$
$4 \times 4 \times 64$ conv, pad 1, stride 2	$64 \times 32 \times 32$
$3 \times 3 \times 64$ conv, pad 1, stride 1	$64 \times 32 \times 32$
$4 \times 4 \times 128$ conv, pad 1, stride 2	$128 \times 16 \times 16$
$4 \times 4 \times 128$ conv, pad 1, stride 2	$128 \times 8 \times 8$
Fully connected layer with 1000 hidden units	1000
Fully connected layer with 1 hidden units	1