Layer	detail	Output size
conv1	$7 \times 7, 96$, stride=2	$256 \times 256, 96$
conv2	$7 \times 7, 96$, stride=2	$128 \times 128, 96$
conv3	$7 \times 7, 64$, stride=2	$64 \times 64, 64$
conv4_x	$\begin{pmatrix} 1 \times 1, 64 \\ 3 \times 3, 64 \\ 1 \times 1, 256 \end{pmatrix} \times 3$	$16 \times 16, 256$
conv5_x	$\begin{pmatrix} 1 \times 1, 128 \\ 3 \times 3, 128 \\ 1 \times 1, 512 \end{pmatrix} \times 4$	$8 \times 8, 256$
conv6_x	$\begin{pmatrix} 1 \times 1, 256 \\ 3 \times 3, 256 \\ 1 \times 1, 1024 \end{pmatrix} \times 6$	$4 \times 4, 1024$
conv7_x	$\begin{pmatrix} 1 \times 1, 512 \\ 3 \times 3, 512 \\ 1 \times 1, 2048 \end{pmatrix} \times 3$	$4 \times 4, 2048$
global pooling		$1 \times 1, 5$