Layer	Activation size
Input	$3 \times 128 \times 128$
$8 \times 8 \times 128$ conv, pad 2, stride 4	$128 \times 32 \times 32$
Residual block, 128 filters	$128 \times 32 \times 32$
$4 \times 4 \times 256$ conv, pad 1, stride 2	$256 \times 16 \times 16$
Residual block, 256 filters	$256 \times 16 \times 16$
Residual block, 256 filters	$256 \times 16 \times 16$
$1 \times 1 \times 64(128)$ conv, pad 0, stride 1	$64(128) \times 16 \times 16$