#	Layer	Weight dimension	Stride
1	conv	$32 \times 3 \times 5 \times 5$	2
2	conv	$64 \times 32 \times 5 \times 5$	1
3	conv	$64 \times 64 \times 5 \times 5$	2
4	conv	$128 \times 64 \times 5 \times 5$	1
5	conv	$128 \times 128 \times 5 \times 5$	4
6	conv	$256 \times 128 \times 5 \times 5$	1
7	conv	$256 \times 256 \times 5 \times 5$	4
8	conv	$512 \times 256 \times 5 \times 5$	1
9	conv	$512 \times 512 \times 4 \times 4$	4
10	fc	$512 \times 1 \times 1 \times 1$	-
11	sigmoid	-	-