

Layer ID	Layer Type	Filter / Stride	#Dim of Output
1	data	N/A	$48 \times 48 \times 3$
2	convolution	$32 \times 5 \times 5 / 1$	$32 \times 48 \times 48$
3	max-pooling	$3 \times 3 / 2$	$32 \times 24 \times 24$
4	convolution	$32 \times 5 \times 5 / 1$	$32 \times 24 \times 24$
5	avg-pooling	$3 \times 3 / 2$	$32 \times 12 \times 12$
6	convolution	$64 \times 5 \times 5 / 1$	$64 \times 12 \times 12$
7	avg-pooling	$3 \times 3 / 2$	$64 \times 6 \times 6$
	soft-max	N/A	10
8	hash-loss	N/A	#(bit number)