

Part	Input $\rightarrow$ Output Shape	Layer Information
Input Layer	$(h, w, 3) \rightarrow (\frac{h}{2}, \frac{w}{2}, 64)$	CONV-(N64, K4, S2, P1), IN, Leaky ReLU
Hidden Layer	$(\frac{h}{2}, \frac{w}{2}, 64) \rightarrow (\frac{h}{4}, \frac{w}{4}, 128)$	CONV-(N128, K4, S2, P1), IN, Leaky ReLU
	$(\frac{h}{4}, \frac{w}{4}, 128) \rightarrow (\frac{h}{8}, \frac{w}{8}, 256)$	CONV-(N256, K4, S2, P1), IN, Leaky ReLU
	$(\frac{h}{8}, \frac{w}{8}, 256) \rightarrow (\frac{h}{16}, \frac{w}{16}, 512)$	CONV-(N512, K4, S2, P1), IN, Leaky ReLU
	$(\frac{h}{16}, \frac{w}{16}, 512) \rightarrow (\frac{h}{32}, \frac{w}{32}, 1024)$	CONV-(N1024, K4, S2, P1), IN, Leaky ReLU
	$(\frac{h}{32}, \frac{w}{32}, 64) \rightarrow (\frac{h}{64}, \frac{w}{64}, 2048)$	CONV-(N2048, K4, S2, P1), IN, Leaky ReLU
Output Layer ( <b>D</b> )	$(\frac{h}{64}, \frac{w}{64}, 2048) \rightarrow (\frac{h}{64}, \frac{w}{64}, 1)$	CONV-(N1, K4, S2, P1), IN, Leaky ReLU
Output Layer ( <b>D<sub>cls</sub></b> )	$(\frac{h}{64}, \frac{w}{64}, 2048) \rightarrow (1, 1, c_i)$	CONV-(N( $c_i$ ), K4, S2, P1), IN, Leaky ReLU