# Model Summary

Layer (type) Output Shape Param #  
===========================================================  
 Conv2d-1 [-1, 64, 112, 112] 9,408  
 BatchNorm2d-2 [-1, 64, 112, 112] 128  
 ReLU-3 [-1, 64, 112, 112] 0  
 MaxPool2d-4 [-1, 64, 56, 56] 0  
 Conv2d-5 [-1, 64, 56, 56] 36,864  
 BatchNorm2d-6 [-1, 64, 56, 56] 128  
 ReLU-7 [-1, 64, 56, 56] 0  
 Conv2d-8 [-1, 64, 56, 56] 36,864  
 BatchNorm2d-9 [-1, 64, 56, 56] 128  
 ReLU-10 [-1, 64, 56, 56] 0  
 BasicBlock-11 [-1, 64, 56, 56] 0  
 Conv2d-12 [-1, 64, 56, 56] 36,864  
 BatchNorm2d-13 [-1, 64, 56, 56] 128  
 ReLU-14 [-1, 64, 56, 56] 0  
 Conv2d-15 [-1, 64, 56, 56] 36,864  
 BatchNorm2d-16 [-1, 64, 56, 56] 128  
 ReLU-17 [-1, 64, 56, 56] 0  
 BasicBlock-18 [-1, 64, 56, 56] 0  
 Conv2d-19 [-1, 64, 56, 56] 36,864  
 BatchNorm2d-20 [-1, 64, 56, 56] 128  
 ReLU-21 [-1, 64, 56, 56] 0  
 Conv2d-22 [-1, 64, 56, 56] 36,864  
 BatchNorm2d-23 [-1, 64, 56, 56] 128  
 ReLU-24 [-1, 64, 56, 56] 0  
 BasicBlock-25 [-1, 64, 56, 56] 0  
 Conv2d-26 [-1, 128, 28, 28] 73,728  
 BatchNorm2d-27 [-1, 128, 28, 28] 256  
 ReLU-28 [-1, 128, 28, 28] 0  
 Conv2d-29 [-1, 128, 28, 28] 147,456  
 BatchNorm2d-30 [-1, 128, 28, 28] 256  
 Conv2d-31 [-1, 128, 28, 28] 8,192  
 BatchNorm2d-32 [-1, 128, 28, 28] 256