Model: "sequential\_20"

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Layer (type) Output Shape Param #

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conv2d\_136 (Conv2D) (None, 81, 81, 32) 864

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batch\_normalization\_154 (Bat (None, 81, 81, 32) 128

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activation\_154 (Activation) (None, 81, 81, 32) 0

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conv2d\_137 (Conv2D) (None, 81, 81, 96) 27648

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batch\_normalization\_155 (Bat (None, 81, 81, 96) 384

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activation\_155 (Activation) (None, 81, 81, 96) 0

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max\_pooling2d\_29 (MaxPooling (None, 27, 27, 96) 0

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conv2d\_138 (Conv2D) (None, 27, 27, 64) 55296

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batch\_normalization\_156 (Bat (None, 27, 27, 64) 256

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activation\_156 (Activation) (None, 27, 27, 64) 0

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max\_pooling2d\_30 (MaxPooling (None, 9, 9, 64) 0

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conv2d\_139 (Conv2D) (None, 9, 9, 32) 18432

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batch\_normalization\_157 (Bat (None, 9, 9, 32) 128

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activation\_157 (Activation) (None, 9, 9, 32) 0

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max\_pooling2d\_31 (MaxPooling (None, 3, 3, 32) 0

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flatten\_18 (Flatten) (None, 288) 0

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dense\_36 (Dense) (None, 96) 27648

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batch\_normalization\_158 (Bat (None, 96) 384

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activation\_158 (Activation) (None, 96) 0

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dense\_37 (Dense) (None, 2) 194

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Total params: 131,362

Trainable params: 130,722

Non-trainable params: 640