

07_12_20229PM_91185.h5

Stats

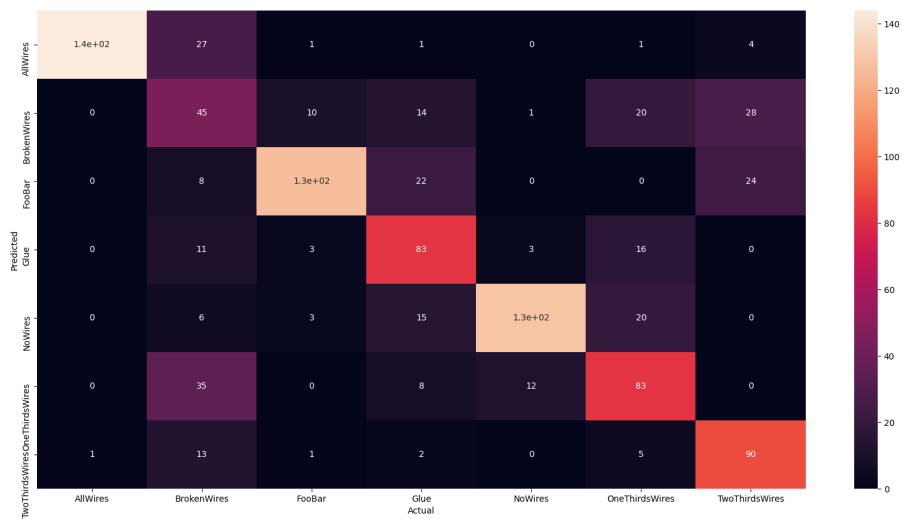
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Total Tests: 1016
correct predictions: 701
incorrect predictions: 315
Percentage correct: 69.0%
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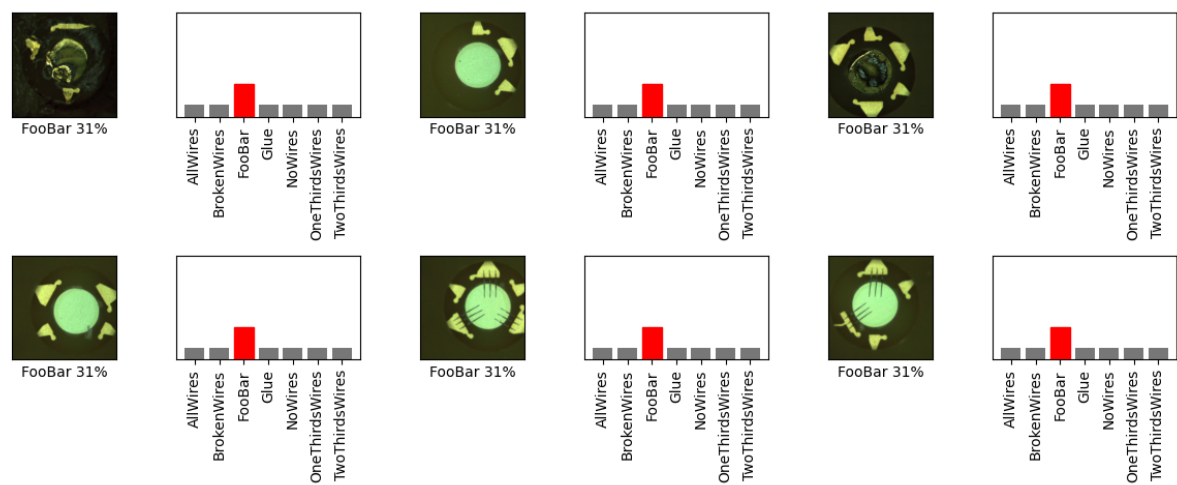
Most missed predictions

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AllWires: 1
BrokenWires: 100
FooBar: 18
Glue: 62
NoWires: 16
OneThirdsWires: 62
TwoThirdsWires: 56
```

Confusion Matrix



Random Samples



Model Summary

Layer (type)	Output Shape	Param #
rescaling (Rescaling)	(None, 480, 480, 3)	0
conv2d (Conv2D)	(None, 480, 480, 16)	448
conv2d_1 (Conv2D)	(None, 480, 480, 16)	2320
max_pooling2d (MaxPooling2D)	(None, 240, 240, 16)	0
conv2d_2 (Conv2D)	(None, 240, 240, 16)	2320
conv2d_3 (Conv2D)	(None, 240, 240, 16)	2320
max_pooling2d_1 (MaxPooling2D)	(None, 120, 120, 16)	0
conv2d_4 (Conv2D)	(None, 120, 120, 32)	4640

conv2d_5 (Conv2D)	(None, 120, 120, 32)	9248
batch_normalization (Batch Normalization)	(None, 120, 120, 32)	128
max_pooling2d_2 (MaxPooling2D)	(None, 60, 60, 32)	0
conv2d_6 (Conv2D)	(None, 60, 60, 32)	9248
conv2d_7 (Conv2D)	(None, 60, 60, 32)	9248
max_pooling2d_3 (MaxPooling2D)	(None, 30, 30, 32)	0
conv2d_8 (Conv2D)	(None, 30, 30, 32)	9248
conv2d_9 (Conv2D)	(None, 30, 30, 32)	9248
max_pooling2d_4 (MaxPooling2D)	(None, 15, 15, 32)	0
conv2d_10 (Conv2D)	(None, 15, 15, 32)	9248
conv2d_11 (Conv2D)	(None, 15, 15, 32)	9248
max_pooling2d_5 (MaxPooling2D)	(None, 7, 7, 32)	0
conv2d_12 (Conv2D)	(None, 7, 7, 32)	9248
conv2d_13 (Conv2D)	(None, 7, 7, 32)	9248
max_pooling2d_6 (MaxPooling2D)	(None, 3, 3, 32)	0
conv2d_14 (Conv2D)	(None, 3, 3, 64)	18496
max_pooling2d_7 (MaxPooling2D)	(None, 1, 1, 64)	0
flatten (Flatten)	(None, 64)	0
dense (Dense)	(None, 128)	8320
dropout (Dropout)	(None, 128)	0

dense_1 (Dense)	(None, 32)	4128
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dense_2 (Dense)	(None, 32)	1056
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dense_3 (Dense)	(None, 7)	231
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Total params: 127,639

Trainable params: 127,575

Non-trainable params: 64
