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| conv2d_input | input: | [(None, 7, 501, 3)] |
| InputLayer | output: | [(None, 7, 501, 3)] |



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| conv2d | input: | (None, 7, 501, 3) |
| Conv2D | output: | (None, 7, 499, 12) |



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| max_pooling2d | input: | (None, 7, 499, 12) |
| MaxPooling2D | output: | (None, 7, 249, 12) |



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| conv2d_1 | input: | (None, 7, 249, 12) |
| Conv2D | output: | (None, 7, 249, 24) |



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| conv2d_2 | input: | (None, 7, 249, 24) |
| Conv2D | output: | (None, 7, 249, 32) |



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| max_pooling2d_1 | input: | (None, 7, 249, 32) |
| MaxPooling2D | output: | (None, 7, 124, 32) |



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| conv2d_3 | input: | (None, 7, 124, 32) |
| Conv2D | output: | (None, 7, 124, 64) |



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| conv2d_4 | input: | (None, 7, 124, 64) |
| Conv2D | output: | (None, 7, 124, 128) |



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| max_pooling2d_2 | input: | (None, 7, 124, 128) |
| MaxPooling2D | output: | (None, 7, 62, 128) |



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| conv2d_5 | input: | (None, 7, 62, 128) |
| Conv2D | output: | (None, 7, 60, 256) |



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| flatten | input: | (None, 7, 60, 256) |
| Flatten | output: | (None, 107520) |



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| dense | input: | (None, 107520) |
| Dense | output: | (None, 128) |



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| dense_1 | input: | (None, 128) |
| Dense | output: | (None, 32) |



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| dense_2 | input: | (None, 32) |
| Dense | output: | (None, 1) |