

conv2d_input	input:	[(None, 40, 100, 1)]
InputLayer	output:	[(None, 40, 100, 1)]



conv2d	input:	(None, 40, 100, 1)
Conv2D	output:	(None, 40, 100, 12)



batch_normalization	input:	(None, 40, 100, 12)
BatchNormalization	output:	(None, 40, 100, 12)



activation	input:	(None, 40, 100, 12)
Activation	output:	(None, 40, 100, 12)



max_pooling2d	input:	(None, 40, 100, 12)
MaxPooling2D	output:	(None, 20, 50, 12)



conv2d_1	input:	(None, 20, 50, 12)
Conv2D	output:	(None, 20, 50, 24)



batch_normalization_1	input:	(None, 20, 50, 24)
BatchNormalization	output:	(None, 20, 50, 24)



activation_1	input:	(None, 20, 50, 24)
Activation	output:	(None, 20, 50, 24)



max_pooling2d_1	input:	(None, 20, 50, 24)
MaxPooling2D	output:	(None, 10, 25, 24)



conv2d_2	input:	(None, 10, 25, 24)
Conv2D	output:	(None, 10, 25, 48)



batch_normalization_2	input:	(None, 10, 25, 48)
BatchNormalization	output:	(None, 10, 25, 48)



activation_2	input:	(None, 10, 25, 48)
Activation	output:	(None, 10, 25, 48)



max_pooling2d_2	input:	(None, 10, 25, 48)
MaxPooling2D	output:	(None, 5, 13, 48)



conv2d_3	input:	(None, 5, 13, 48)
Conv2D	output:	(None, 5, 13, 48)



batch_normalization_3	input:	(None, 5, 13, 48)
BatchNormalization	output:	(None, 5, 13, 48)



activation_3	input:	(None, 5, 13, 48)
Activation	output:	(None, 5, 13, 48)



conv2d_4	input:	(None, 5, 13, 48)
Conv2D	output:	(None, 5, 13, 48)



batch_normalization_4	input:	(None, 5, 13, 48)
BatchNormalization	output:	(None, 5, 13, 48)



activation_4	input:	(None, 5, 13, 48)
Activation	output:	(None, 5, 13, 48)



max_pooling2d_3	input:	(None, 5, 13, 48)
MaxPooling2D	output:	(None, 5, 13, 48)



dropout	input:	(None, 5, 13, 48)
Dropout	output:	(None, 5, 13, 48)



flatten	input:	(None, 5, 13, 48)
Flatten	output:	(None, 3120)



dense	input:	(None, 3120)
Dense	output:	(None, 12)