



Size: 128x128

conv 32x3x3

pool/4

Size: 32x32

conv 64x3x3

pool/2

Size: 16x16

conv 128x3x3

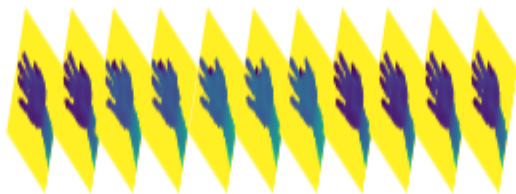
pool/2

Size: 8x8

fc 1024

fc 1024

fc 3xJ



Size: 16x128x128

conv 32x3x3

pool/4

Size: 32x32

conv 64x3x3

pool/2

Size: 16x16

conv 128x3x3

pool/2

Size: 8x8

fc 1024

lstm

C

fc 3xJ

C

Concatenation

M Element-wise Mean

-----> Auxiliary Path

..... Weight Sharing



Size: 128x128



Size: 8x128x128

conv 32x3x3

pool/4

conv 64x3x3

pool/2

conv 128x3x3

pool/2

Size: 32x32

Size: 16x16

Size: 8x8

conv 32x3x3
conv 32x1x1

pool/4

conv 64x3x3
conv 64x1x1

pool/2

conv 128x3x3
conv 128x1x1

pool/2

Size: 32x32

Size: 16x16

Size: 8x8

Auxiliary Path

fc 1024

fc 1024

fc 3xJ

fc 1024

fc 1024

fc 3xJ

fc 1024

fc 1024

Auxiliary Path

fc 1024

fc 1024

fc 3xJ

M

M

M

