conv 32x3x3

pool/4

conv 64x3x3

pool/2
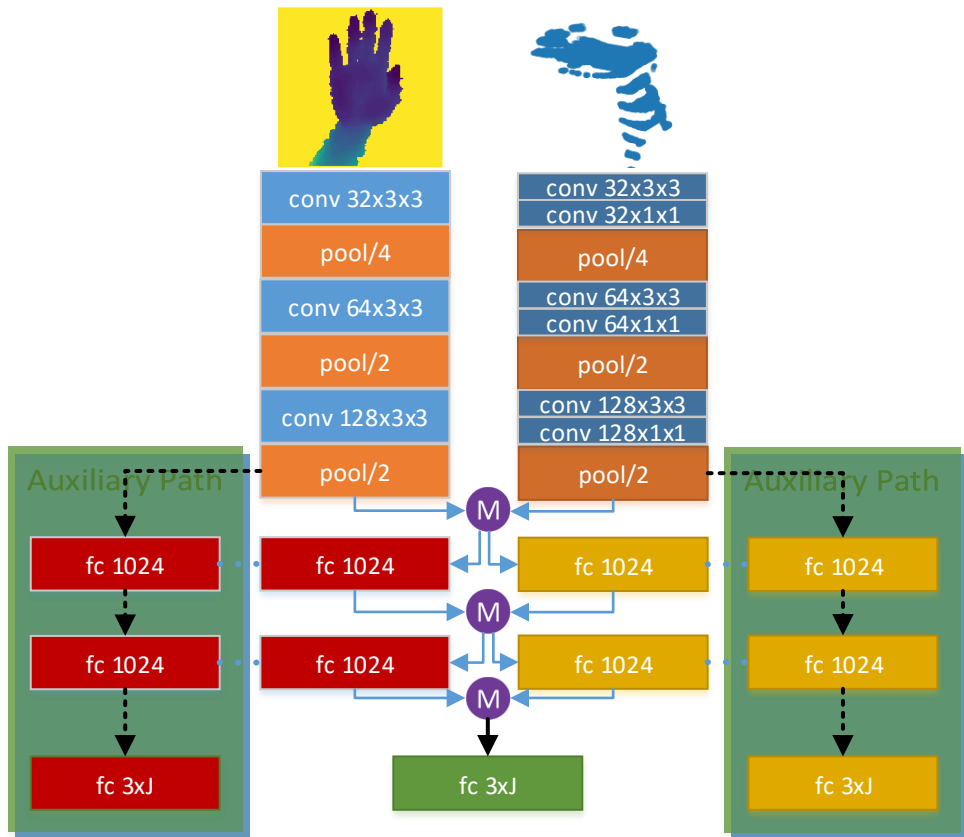
conv 128x3x3

pool/2

fc 1024

fc 1024

fc 3xJ

conv 32x3x3		conv 32x3x3
pool/4		conv 32x1x1
conv 64x3x3		pool/4
pool/2		conv 64x3x3
conv 128x3x3		conv 64x1x1
pool/2		pool/2

Auxiliary Path

fc 1024   fc 1024   M   fc 1024   fc 1024

fc 1024   fc 1024   M   fc 1024   fc 1024

fc 3xJ   M   fc 3xJ

fc 3xJ

M Element-wise Mean   ▪▪▶ Auxiliary Path   •••• Weight Sharing

Gate Network

Temporal Network

Spatial Network

⊗ Element-wise product

⊕ Element-wise plus