



*Input:*  
*2@ 240 x 320*

*Convolutional*  
*24@120 x 160*

*Convolutional*  
*36@ 58 x 78*

*Convolutional*  
*48@ 27 x 37*

*Convolutional*  
*64@ 12 x 17*

*Convolutional*  
*64@ 10 x 15*

*Fully-connected*  
*layer*

*Output:*  
*6-DOF vector*