

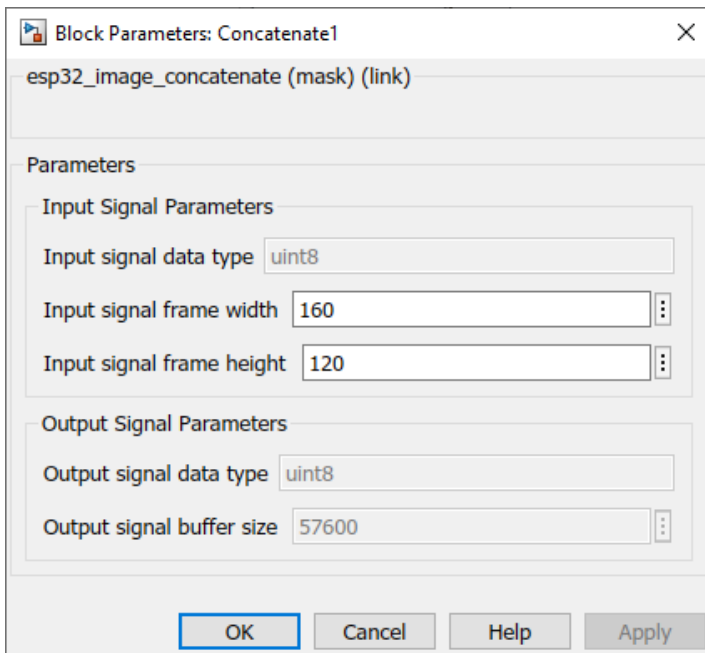
Image Concatenate Block

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How this block appears in a Simulink model?

[300](#)

What can be configured?



Configuration Parameter	Selectable Option/Value	Description
Input signal frame width		Specify the width of the frame of a single image in the video stream
Input signal frame height		Specify the height of the frame of a single image in the video stream

When to use this block?

This block is used concatenate the RGB channels of the video stream from the [Camera Block](#).

How does this block work?

The way the ESP-WHO handle pixel data of an image is different from what Matlab Simulink does. Therefore the [Camera Block](#) transmit the video feed after splitting the image to three channels making it compatible with the Simulink Computer Vision Toolbox. After processing the image the three channels could be concatenated using this block.

Previous : [System Time Block](#)

Next: [Memory Block](#)

Files

appearance.PNG	15 KB	29 Oct 2020	Dhanika Mahipala (ดาณีก้า)
mask.PNG	28.1 KB	29 Oct 2020	Dhanika Mahipala (ดาณีก้า)