

attention gote takes a & g

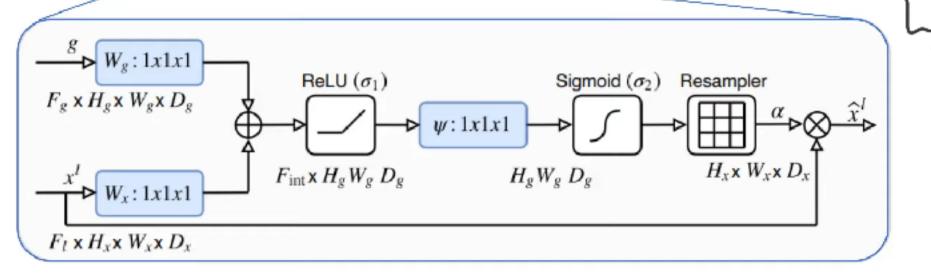
re => comes from skip connection

L> it provide better information

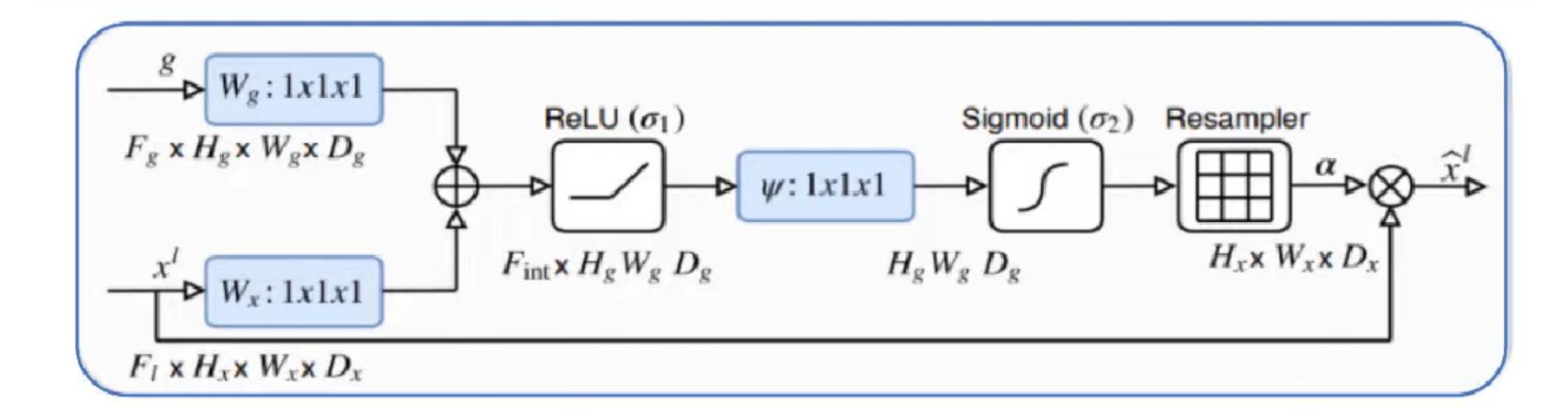
g => gating signal => comes from

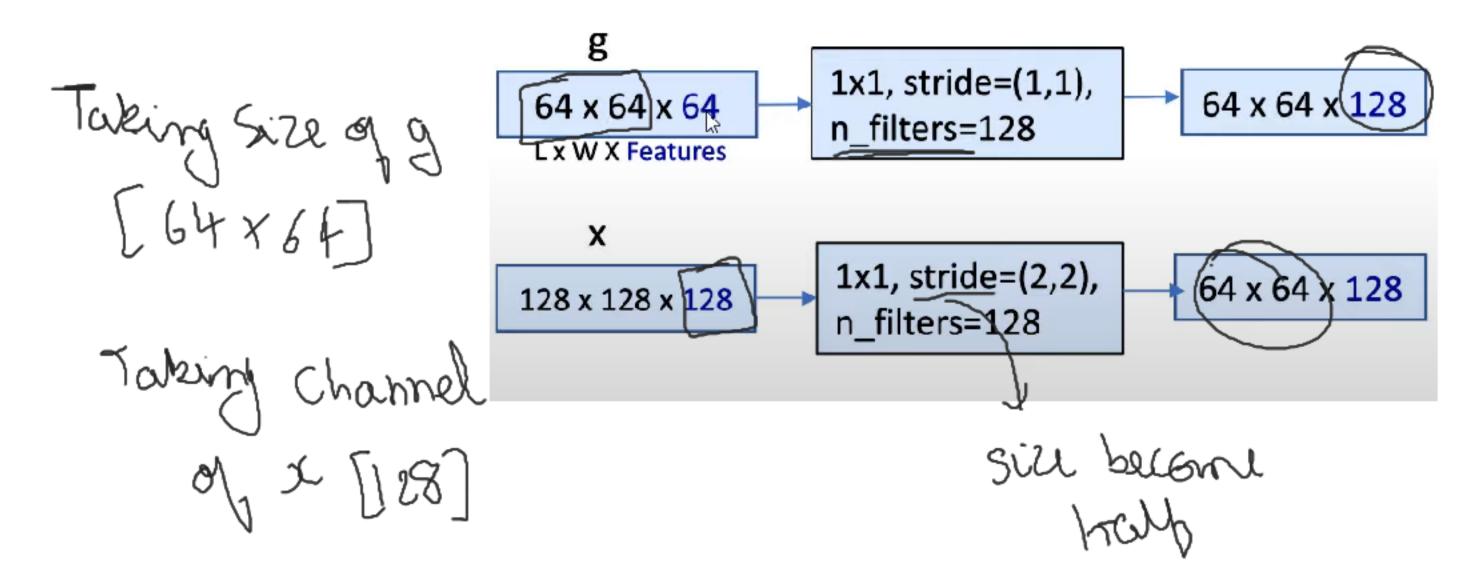
lowest layer

ob network

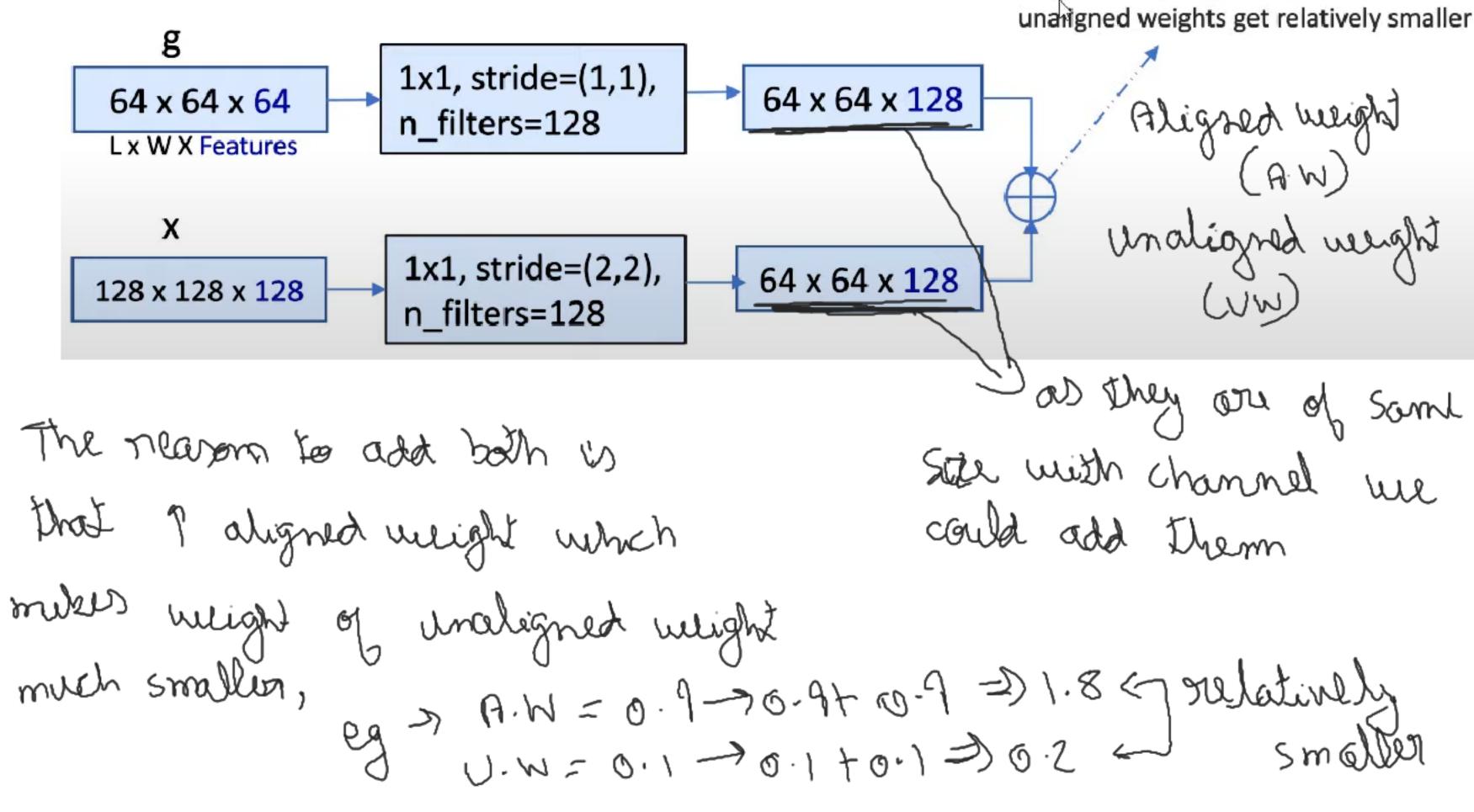


it provide better representation

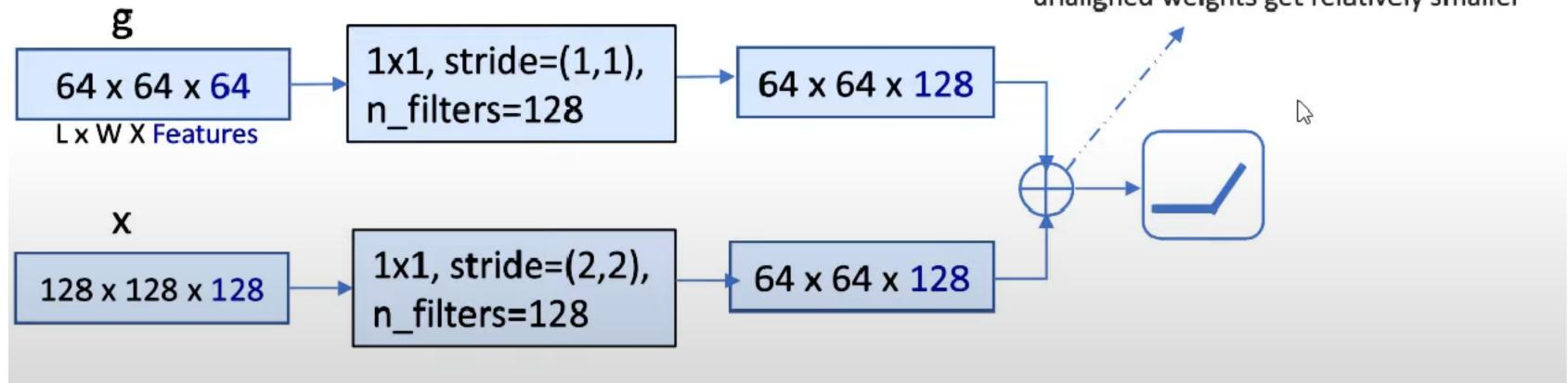




aligned weights get larger while unangned weights get relatively smaller

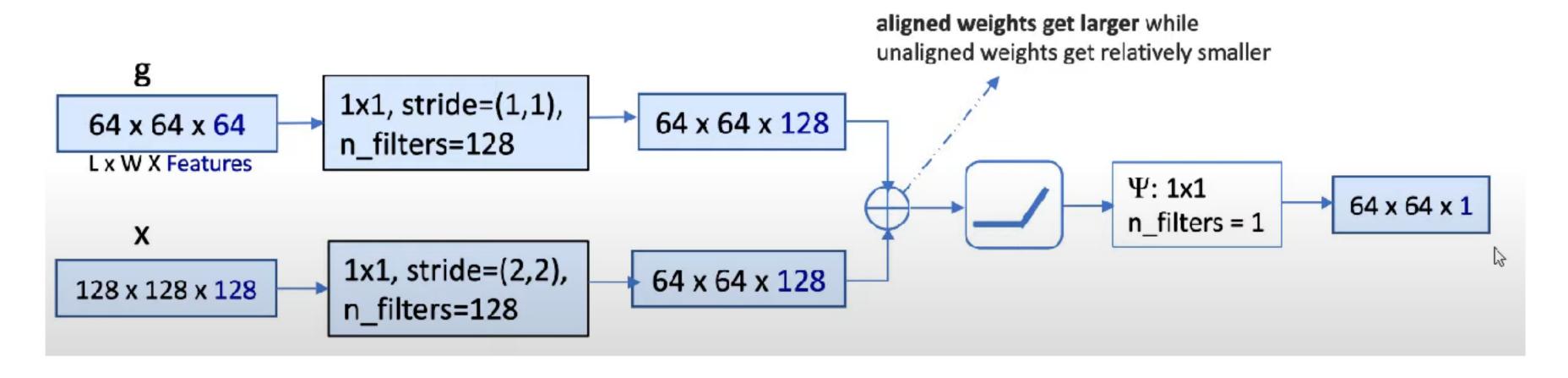


## aligned weights get larger while unaligned weights get relatively smaller



After adding, passing it through

Rell activation function which rupressent  $f(z) = \begin{cases} \alpha, \chi > 0 \\ 0, \chi < 0 \end{cases}$ 



bassing through 4 function with bilters=1

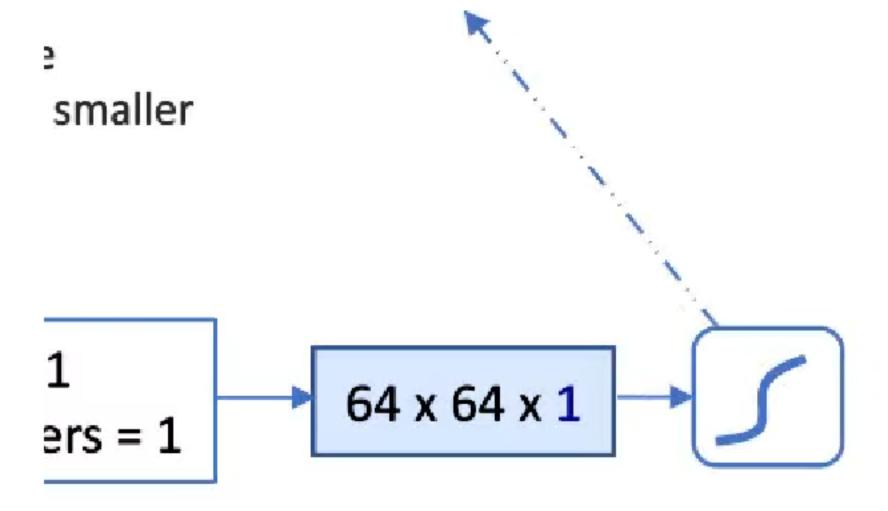
which gives only as 64 × 64 × 1

These are nothing but weights but its range could be

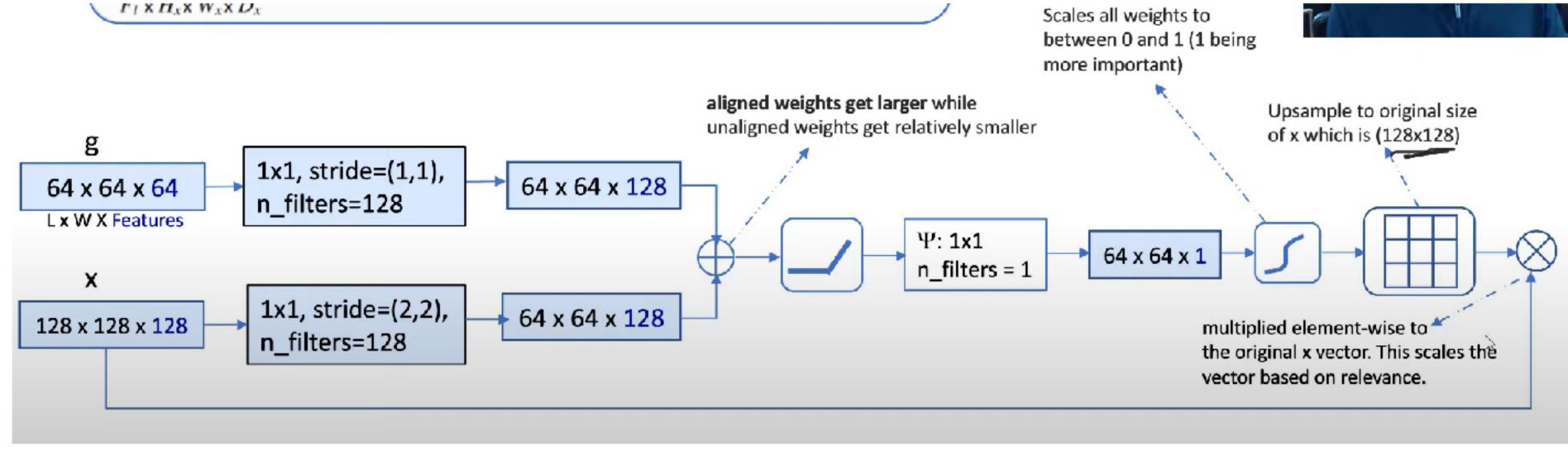
zero -> & as we ore using ReW

Scales all weights to between 0 and 1 (1 being more important)





so with the help of signish activation bunction all value comes in range from o to 1



as we get all value in range  $0 \rightarrow 1$  wh have to up sample to the original size of x. And multiple with x, which scales the relevant part of image

We can say that, at each pexel that coming from x we multiplying the pixel value with the weight value (that we calculated using g)

and output goes to next rayes at normal U-net flow