Spatial Compression Factor (SCF):

Channel Expansion Factor (CEF):

Compression Rate (CR)= SCF \* CEF

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Model | Input  size | Output in the latent space | Input channels | Output channels | SCF | CEF | CR |
| CycleGAN | 64x64 | 16x16 | 3 | 256 | 16x | 85.33x | 0.1875 |
| VAE-CycleGAN | 64x64 | 16x16 | 3 | 256 | 16x | 85.33x | 0.1875 |
| VAE-CycleGAN256 | 256x256 | 16x16 | 3 | 256 | 256x | 85.33x | 3 |