

Feature	Number of extracted features	Notes [34]
Gaussian blur	5 ($\sigma = 1, 2, 4, 8, 16$)	Performs 5 convolutions of Gaussian kernels with the 5 variations of σ and generates 5 features for each image.
Sobel filter	5	Calculates an approximate of the gradient of the image intensity at each pixel for each image after applying 5 variations of Gaussian blurs; generates 5 features for each image.
Difference of Gaussians	10	Calculates two Gaussian blur images from the original image and subtracts one from the other. Thus, with 5 variations of Gaussian blur, 10 features are generated for each image.
Mean	5	Mean is calculated from the pixels within a radius of σ pixels from the target pixel and the target pixel is set to that mean value. With 5 variations of Gaussian blur, 5 features are generated for each image.
Median	5	Median is calculated from the pixels within a radius of σ pixels from the target pixel and the target pixel is set to that median value. With 5 variations of Gaussian blur, 5 features are generated for each image.
Entropy	20	Within radius σ around each pixel, generates the histogram of that circle using $n = 32, 64, 128, 256$ as the number of bins and calculates the entropy as $\sum -p \cdot \log_2(p)$, where p is the probability of each collection in the histogram. With 5 variations of Gaussian blurs adds 20 features for each image.