

Train Dataloader - 176  
Test Dataloader - 45

Device Used - cuda

Model Used - CNN\_3D  
Feature Extraction - True  
Background Subtraction - True  
Background Subtraction Algorithm - GMG  
Data Augmentation - False  
Spatial Temporal Loss - False

Window Length = 8  
Stride = 1  
Fair Comparison = True  
Dropout = 0.25  
Learning Rate = 0.0002  
Num Epochs = 20  
Chunk Size = 64  
Forward Chunk Size = 8  
Loss Fn = BCELoss()

Training has Begun  
epoch [1/20], loss:0.1939  
epoch [2/20], loss:0.1740  
epoch [3/20], loss:0.1734  
epoch [4/20], loss:0.1734  
epoch [5/20], loss:0.1733  
epoch [6/20], loss:0.1733  
epoch [7/20], loss:0.1733  
epoch [8/20], loss:0.1733  
epoch [9/20], loss:0.1733  
epoch [10/20], loss:0.1733  
epoch [11/20], loss:0.1733  
epoch [12/20], loss:0.1733  
epoch [13/20], loss:0.1733  
epoch [14/20], loss:0.1733  
epoch [15/20], loss:0.1733  
epoch [16/20], loss:0.1733  
epoch [17/20], loss:0.1733  
epoch [18/20], loss:0.1733  
epoch [19/20], loss:0.1733  
epoch [20/20], loss:0.1733  
Training has Completed

Forward pass occurring  
Forward pass completed

Thermal\_T3\_2024-03-26-03-19-01

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CNN Performance Results

Threshold 0.5

TPR 0.75, FPR 0.001236603462489695, Precision 0.974025974025974, Recall 0.75  
tn 9692, fp 12, fn 150, tp 450

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