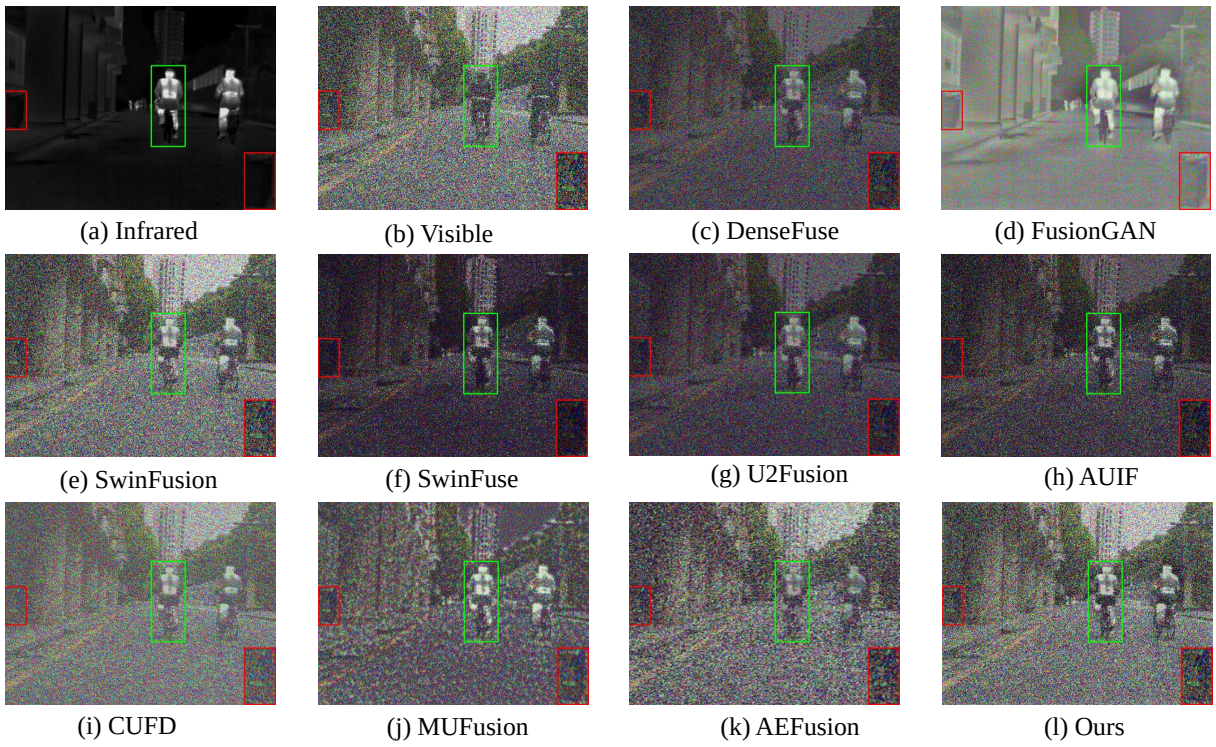
Supplementary Materials for DePF

I. Visualization of Results

A. Noise Evaluation

For the performance evaluation of noise, we added Gaussian noise with a variance of 0.5 to the visible images on the MSRS dataset, and the visualization results are shown in Figure I



(a) Infrared (b) Visible (c) DenseFuse (d) FusionGAN

(e) SwinFusion (f) SwinFuse (g) U2Fusion (h) AUIF

(i) CUFD (j) MUFusion (k) AEFusion (l) Ours

Fig. 1. Qualitative comparison of our method with nine state-of-the-art methods on the TNO dataset.

TABLE I
QUANTITATIVE RESULTS WITH GAUSSIAN NOISE ON 361 IMAGE PAIRS FROM THE MSRS DATASET. (**BOLD**: BEST)

Methods	SD	VIF	AG	SCD	EN
DenseFuse	10.0092	0.2127	22.2801	0.3817	7.0382
FusionGAN	7.7310	**0.7564**	5.4857	0.2762	6.1292
SwinFusion	10.0769	0.1921	33.1547	0.3886	7.6917
SwinFuse	8.7608	0.2256	20.9663	0.4709	6.7314
U2Fusion	9.1773	0.2304	13.4323	0.5889	6.6359
AUIF	8.9527	0.2028	26.5962	0.3981	7.0671
CUFD	9.4456	0.1730	16.8999	0.3848	6.9860
MUFusion	9.1977	0.2487	14.7819	**0.6036**	6.9322
AEFusion	9.6373	0.1445	17.1373	0.4487	7.2088
Ours	**10.0782**	0.2281	**33.2012**	0.4229	**7.7133**

B. Additional Qualitative Comparison

Additional qualitative results are shown in Figure 2 and Figure 3.

Fig. 2. Qualitative comparison of our method with nine state-of-the-art methods on the TNO dataset.

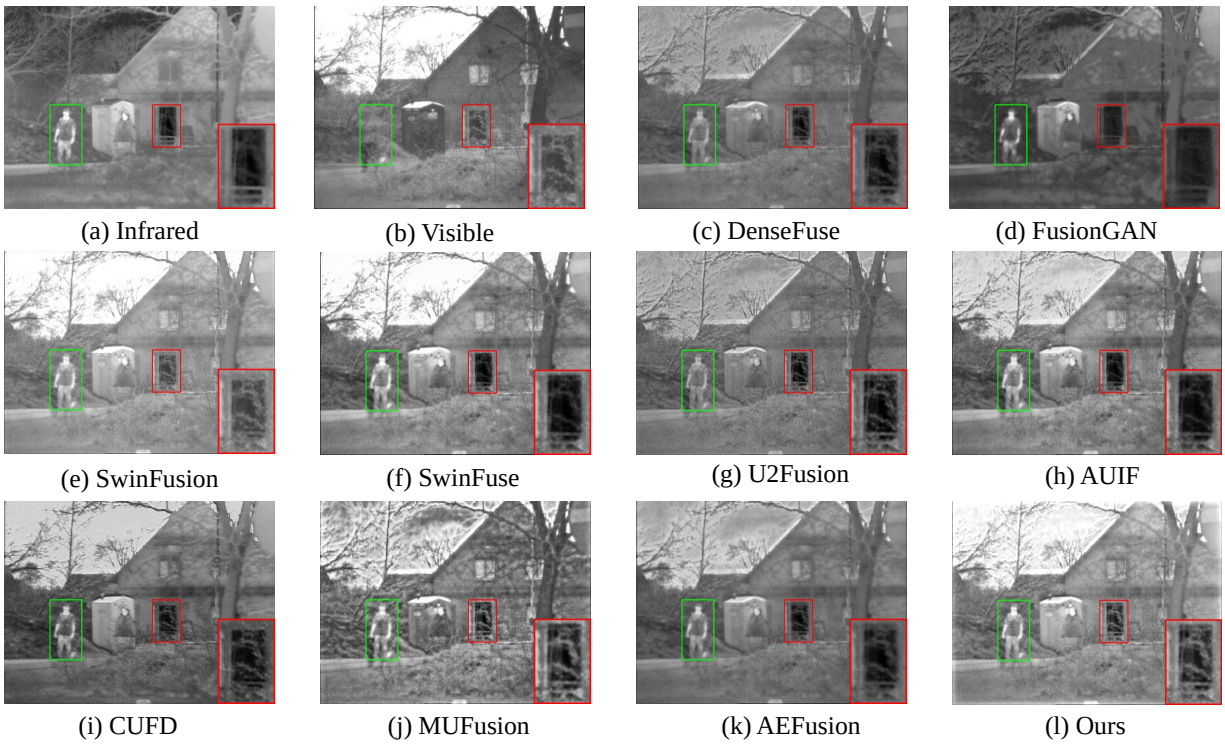


Fig. 3. Qualitative comparison of our method with nine state-of-the-art methods on the TNO dataset.