1. Architecture Details

Figure S-1 shows the detailed architecture of the proposed network composed of the four encoding stages, one bottleneck stage and four decoding stages. From stage 1 to stage 9, the numbers of the transformer blocks and the attention heads in each block are $\langle 1, 2, 8, 2, 8, 2, 8, 1 \rangle$, and $\langle 1, 2, 4, 8, 16, 16, 8, 4, 2 \rangle$, respectively.

2. More Results of the Proposed Method

Figures S-2~S-21 show more qualitative results of reflection removal obtained by the proposed method. We tested 60 real 360-degree images with reflection artifacts captured in various scenarios including the test images from [1]. We visualize the residual map between the input and output images, as well as the attention maps highlighting the mixed region $\mathcal{M}$ and the reference region $\mathcal{R}$. We see that the proposed method detects the mixed and reference regions well, and removes the reflection artifacts in $\mathcal{M}$ faithfully, as shown in Figures S-2~S-19. However, in some challenging cases (Figures S-20, S-21), the performance of reflection removal is somewhat degraded.

Table S-1 shows a comparison with state-of-the-art methods in terms of network complexities and parameters. While the proposed method has $\sim20\%$ GMACs of ERRNet [3] and $\sim74\%$ parameters of ABS [4], we provide much better performance as shown in Sec. 4.2 in main paper.

<table>
<thead>
<tr>
<th>Metric</th>
<th>Methods</th>
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</thead>
<tbody>
<tr>
<td>GMACs</td>
<td>836.92G</td>
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<tr>
<td># Params</td>
<td>18.58M</td>
</tr>
</tbody>
</table>

Table S-1. Comparison of network complexities and parameters

References


Figure S-1. Detailed architecture of the proposed network.
Figure S-2. Qualitative results of the proposed method.
Figure S-3. Qualitative results of the proposed method.
Figure S-4. Qualitative results of the proposed method.
Figure S-5. Qualitative results of the proposed method.
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Figure S-20. Qualitative results of the proposed method.
Figure S-21. Qualitative results of the proposed method.