

Real-World Blur Dataset for Learning and Benchmarking Deblurring Algorithms

Supplementary Material II Additional Examples

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Postprocessing for RealBlur-R (1)



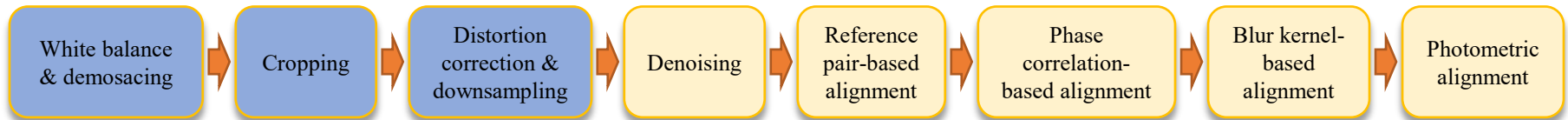
(a) Original sharp image



(b) Sharp image after cropping



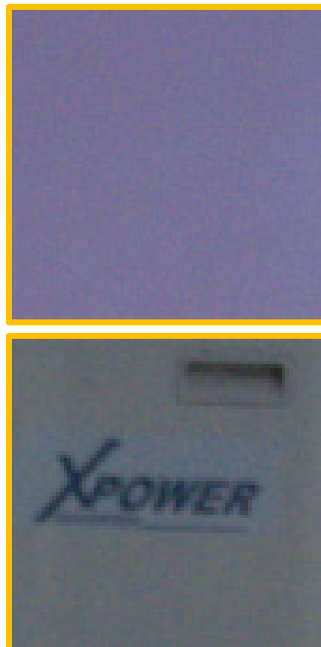
(c) Sharp image after distortion correction and down-sampling



Postprocessing for RealBlur-R (2)



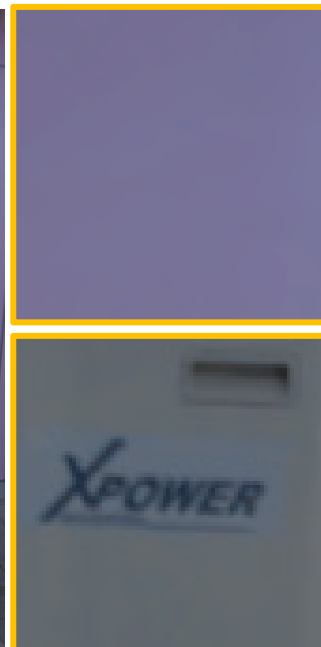
(a) Sharp image before denoising



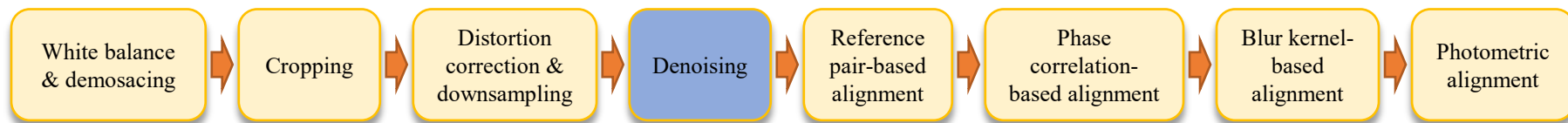
(b) Magnified views of (a)



(c) Sharp image after denoising



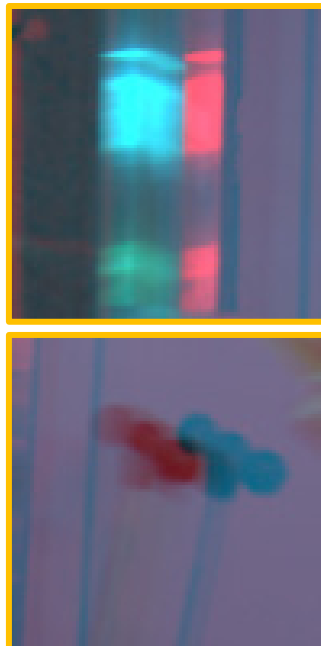
(d) Magnified views of (c)



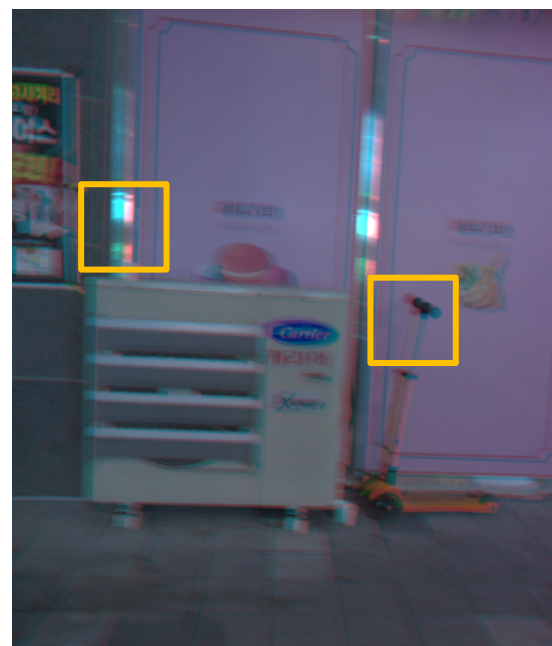
Postprocessing for RealBlur-R (3)



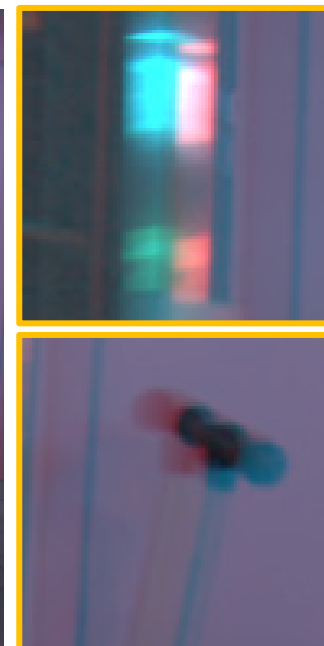
(a) Blurred and sharp image pair before geometric alignment (visualized as a stereo-anaglyph image. Red: sharp image. Cyan: blurred image)



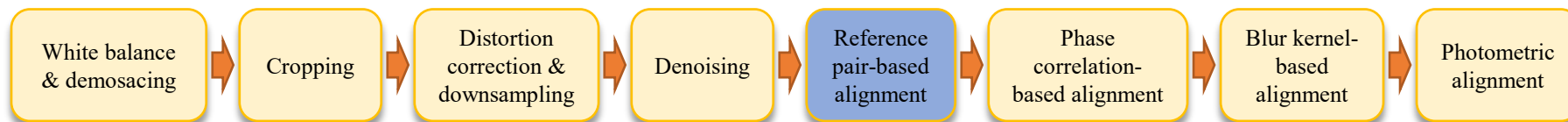
(b) Magnified views of (a)



(c) Blurred and sharp image pair after reference pair-based alignment



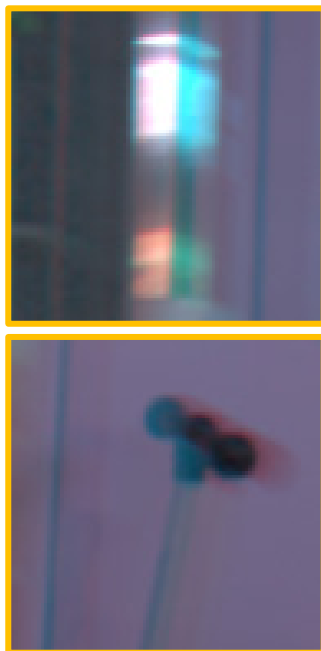
(d) Magnified views of (c)



Postprocessing for RealBlur-R (4)



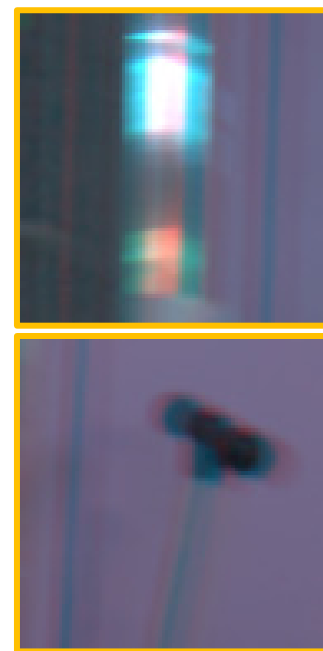
(a) Blurred and sharp image pair after phase correlation-based alignment



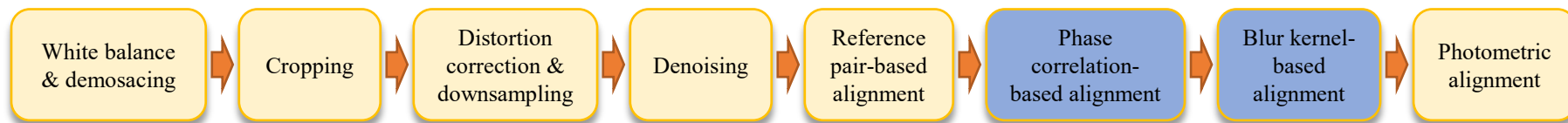
(b) Magnified view of (a)



(c) Blurred and sharp image pair after blur kernel based alignment



(d) Magnified views of (c)



Postprocessing for RealBlur-R (5)



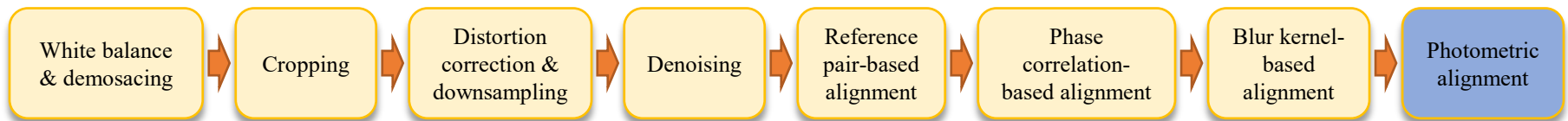
(a) Blurred image



(b) Sharp image



(c) Sharp image after photometric alignment



Additional examples of RealBlur-J (1)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image
PSNR/SSIM

(b) Xu et al. [1]
22.78/0.7102

(c) Pan et al. [2]
24.56/0.7244



(d) Hu et al. [3]
25.24/0.7670

(e) Nah et al. [4]
24.36/0.7258

Additional examples of RealBlur-J (1)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) Zhang et al. [5]
24.62/0.7541



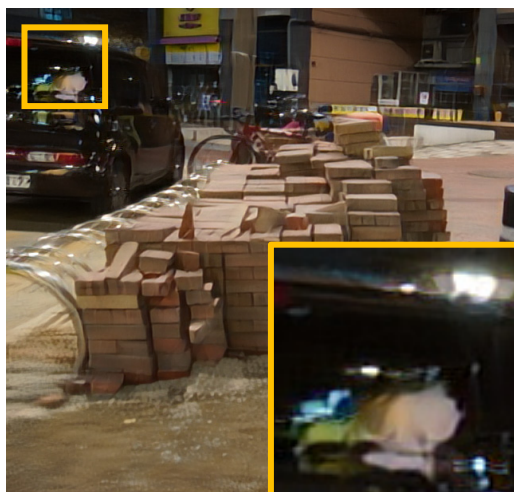
(g) Zhang et al. [6]
23.49/0.7007



(h) DeblurGAN [7]
23.61/0.6931



(i) DeblurGAN-v2 [8]
25.28/0.7721



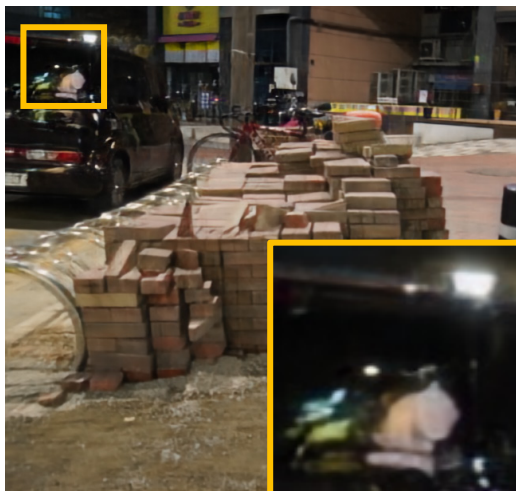
(j) DeblurGAN-v2* [8]
25.66/0.7646

Additional examples of RealBlur-J (1)

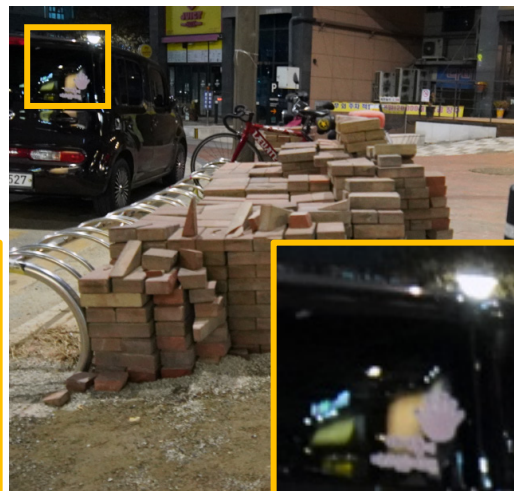
Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(k) SRN-DeblurNet [9]
25.03/0.7853



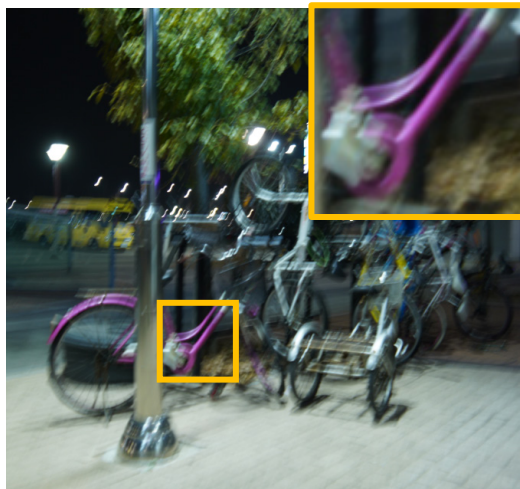
(l) SRN-DeblurNet* [9]
27.26/0.8239



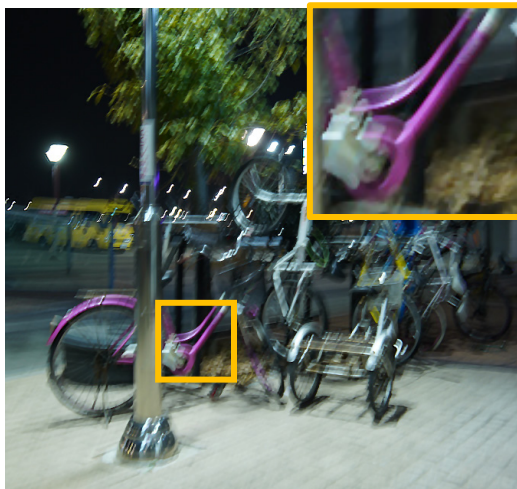
(m) Ground truth

Additional examples of RealBlur-J (2)

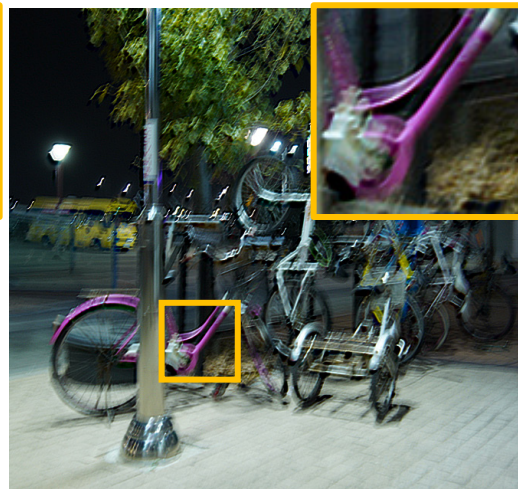
Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image
PSNR/SSIM



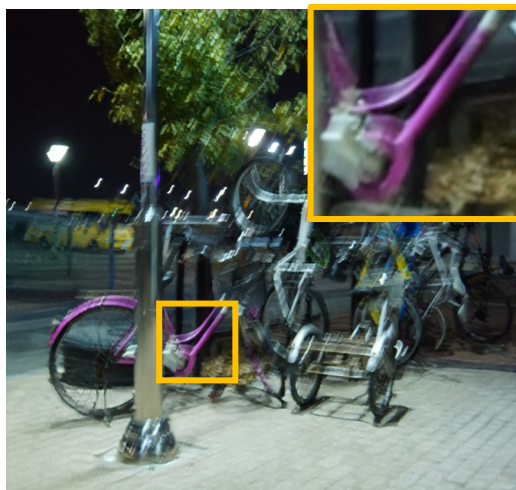
(b) Xu et al. [1]
20.59/0.6451



(c) Pan et al. [2]
19.77/0.5497



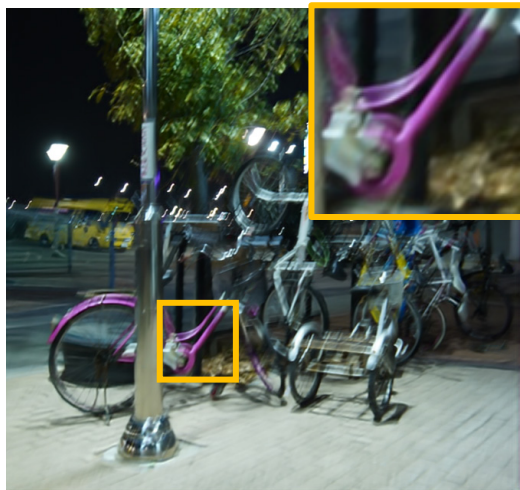
(d) Hu et al. [3]
21.65/0.7055



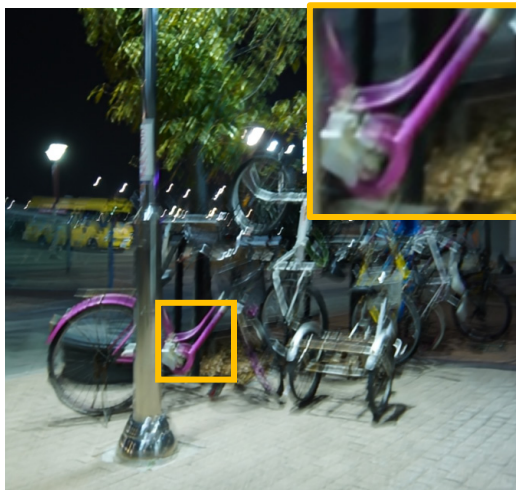
(e) Nah et al. [4]
21.10/0.6619

Additional examples of RealBlur-J (2)

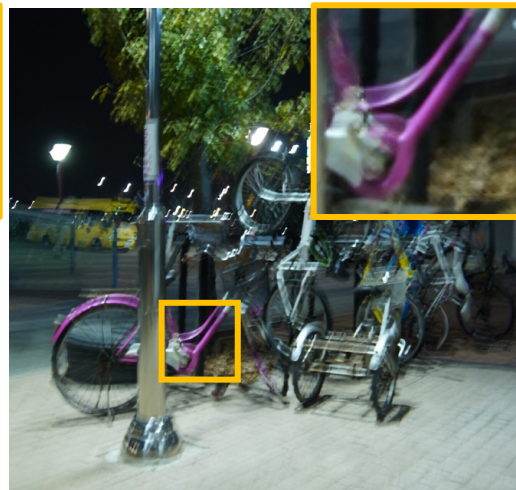
Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



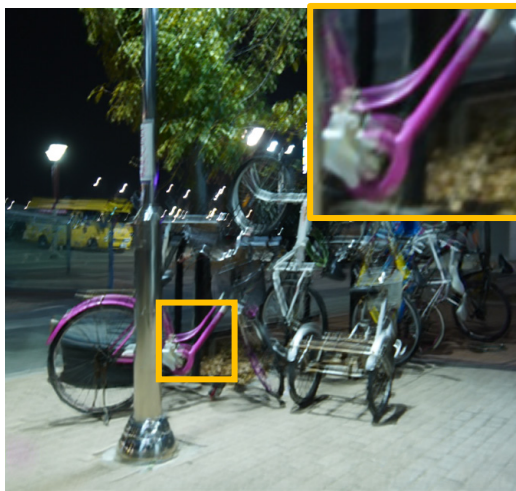
(f) Zhang et al. [5]
21.50/0.6997



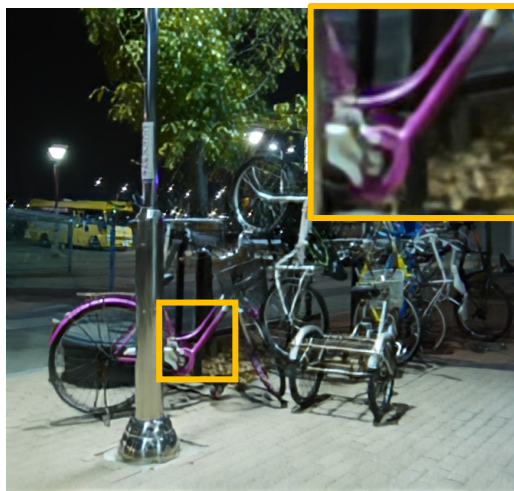
(g) Zhang et al. [6]
21.09/0.6755



(h) DeblurGAN [7]
21.01/0.6621



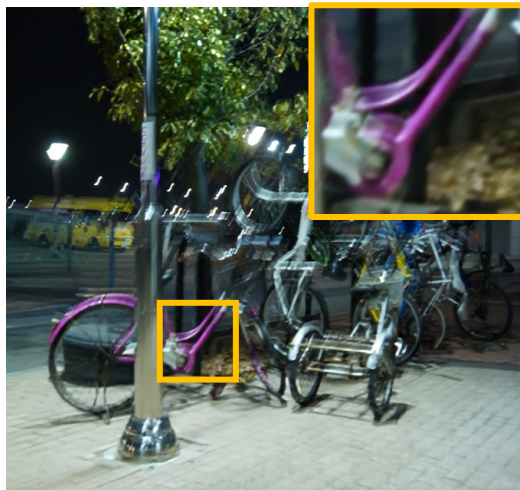
(i) DeblurGAN-v2 [8]
21.82/0.7214



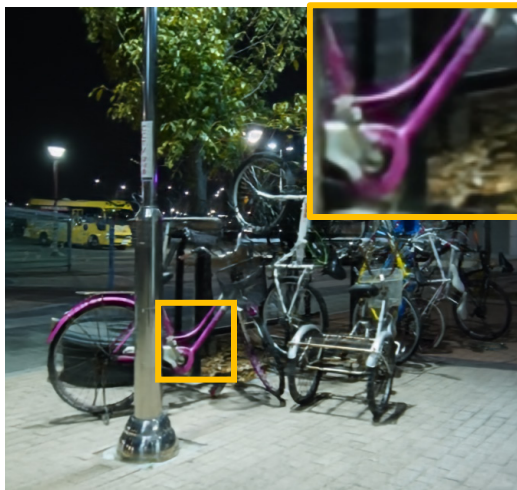
(j) DeblurGAN-v2* [8]
24.46/0.7913

Additional examples of RealBlur-J (2)

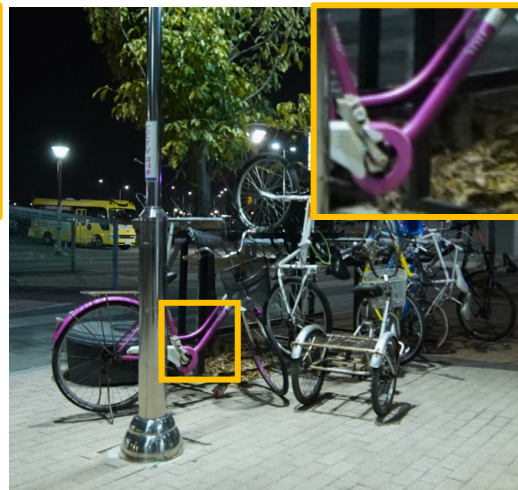
Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(k) SRN-DeblurNet [9]
22.12/0.7463



(l) SRN-DeblurNet* [9]
26.63/0.8635



(m) Ground truth

Additional examples of RealBlur-J (3)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image
PSNR/SSIM



(b) Xu et al. [1]
23.52/0.6538



(c) Pan et al. [2]
22.51/0.5746



(d) Hu et al. [3]
23.49/0.6854



(e) Nah et al. [4]
24.29/0.6985

Additional examples of RealBlur-J (3)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) Zhang et al. [5]
24.42/0.6872



(g) Zhang et al. [6]
23.77/0.6844



(h) DeblurGAN [7]
24.60/0.7144



(i) DeblurGAN-v2 [8]
25.80/0.7741



(j) DeblurGAN-v2* [8]
26.99/0.8038

Additional examples of RealBlur-J (3)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(k) SRN-DeblurNet [9]
25.19/0.7428



(l) SRN-DeblurNet* [9]
29.22/0.8593



(m) Ground truth

Additional examples of RealBlur-R (1)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



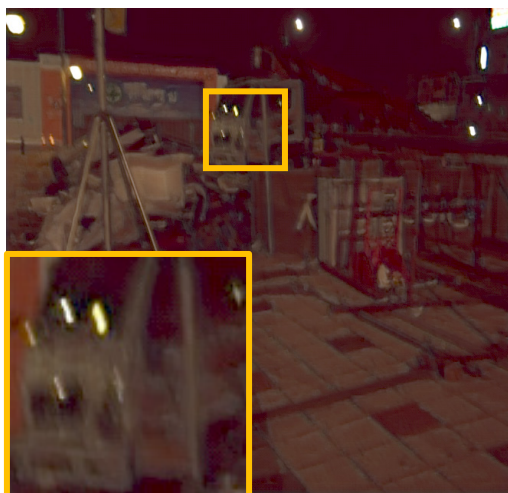
(a) Blurred image
PSNR/SSIM

(b) Xu et al. [1]
30.87/0.9223

(c) Pan et al. [2]
31.63/0.9271



(d) Hu et al. [3]
31.22/0.9250



(e) Nah et al. [4]
30.74/0.8284

Additional examples of RealBlur-R (1)

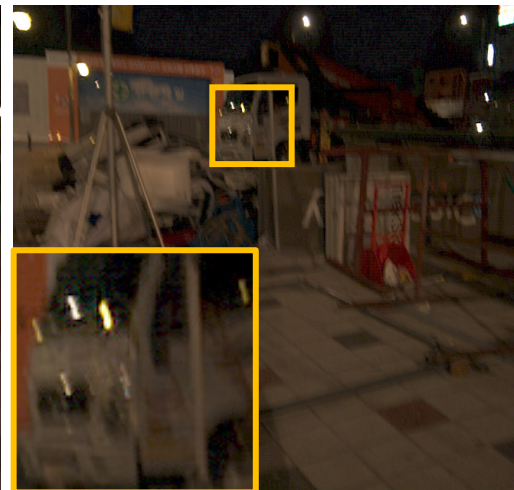
Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) Zhang et al. [5]
31.49/0.9343



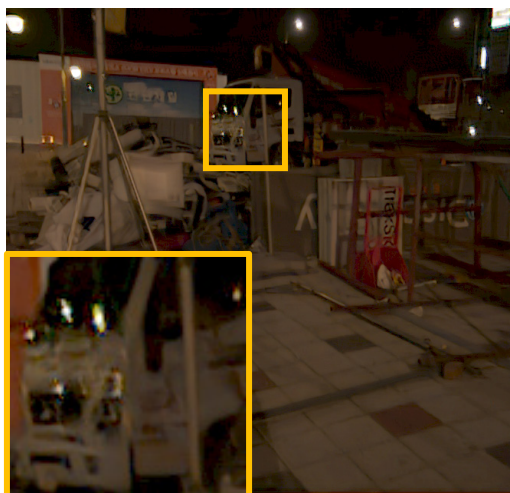
(g) Zhang et al. [6]
31.44/0.9390



(h) DeblurGAN [7]
31.02/0.9047



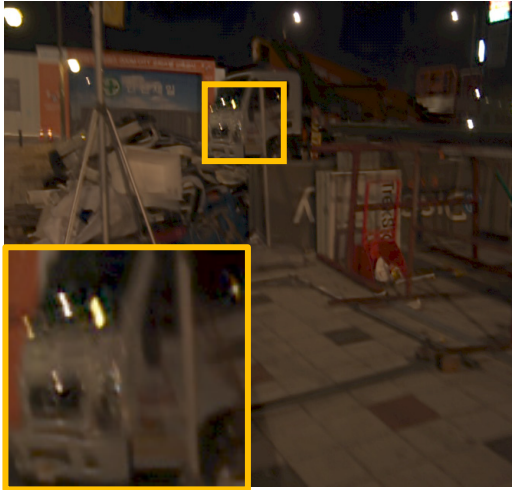
(i) DeblurGAN-v2 [8]
31.22/0.9286



(j) DeblurGAN-v2* [8]
34.69/0.9281

Additional examples of RealBlur-R (1)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(k) SRN-DeblurNet [9]
31.39/0.9371



(l) SRN-DeblurNet* [9]
37.04/0.9625



(m) Ground truth

Additional examples of RealBlur-R (2)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image
PSNR/SSIM



(b) Xu et al. [1]
25.28/0.8749



(c) Pan et al. [2]
25.44/0.8469



(d) Hu et al. [3]
25.49/0.8732



(e) Nah et al. [4]
25.81/0.8417

Additional examples of RealBlur-R (2)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) Zhang et al. [5]
26.00/0.8879



(g) Zhang et al. [6]
25.94/0.8834



(h) DeblurGAN [7]
25.74/0.8587



(i) DeblurGAN-v2 [8]
26.03/0.8949



(j) DeblurGAN-v2* [8]
27.87/0.8764

Additional examples of RealBlur-R (2)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(k) SRN-DeblurNet [9]
25.87/0.8826



(l) SRN-DeblurNet* [9]
29.57/0.9317



(m) Ground truth

Additional examples of RealBlur-R (3)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image
PSNR/SSIM



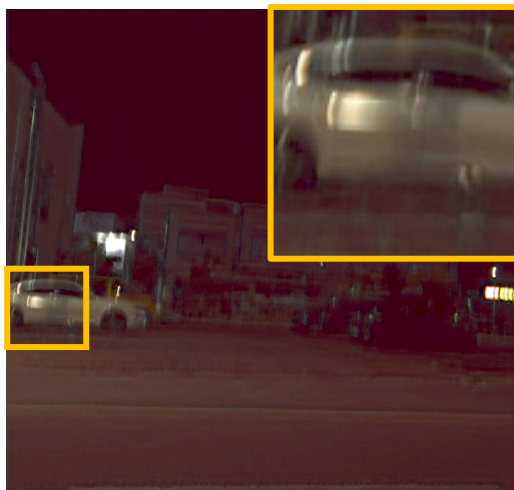
(b) Xu et al. [1]
31.99/0.9377



(c) Pan et al. [2]
31.47/0.9379



(d) Hu et al. [3]
32.13/0.9283



(e) Nah et al. [4]
31.39/0.7982

Additional examples of RealBlur-R (3)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) Zhang et al. [5]
32.68/0.9534



(g) Zhang et al. [6]
32.53/0.9493



(h) DeblurGAN [7]
31.91/0.9034



(i) DeblurGAN-v2 [8]
32.37/0.9488



(j) DeblurGAN-v2* [8]
36.38/0.9413

Additional examples of RealBlur-R (3)

Purple: optimization-based methods. Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(k) SRN-DeblurNet [9]
32.48/0.9316



(l) SRN-DeblurNet* [9]
40.02/0.9681



(m) Ground truth

Additional examples of dynamic scenes (1)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image



(b) Nah et al. [4]



(c) Zhang et al. [5]



(d) Zhang et al. [6]



(e) DeblurGAN [7]

Additional examples of dynamic scenes (1)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) DeblurGAN-v2 [8]



(g) DeblurGAN-v2 [8]
RealBlur-J



(h) DeblurGAN-v2 [8]
RealBlur-J+GoPro+BSD-B



(i) SRN-DeblurNet [9]



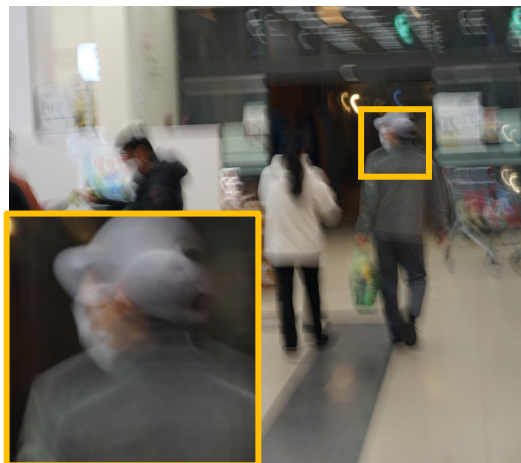
(j) SRN-DeblurNet [9]
RealBlur-J



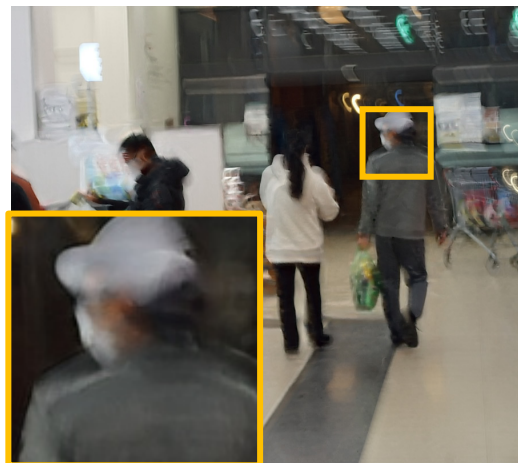
(k) SRN-DeblurNet [9]
RealBlur-J+GoPro+BSD-B

Additional examples of dynamic scenes (2)

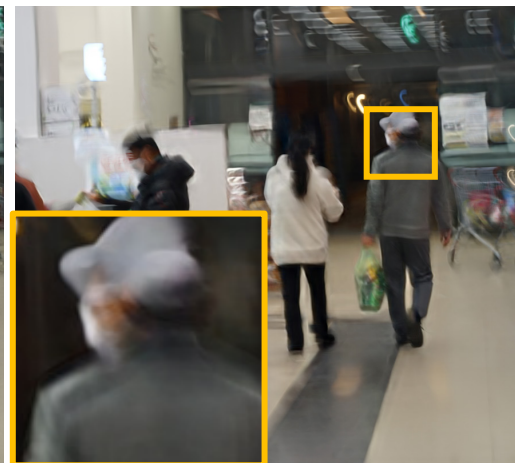
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



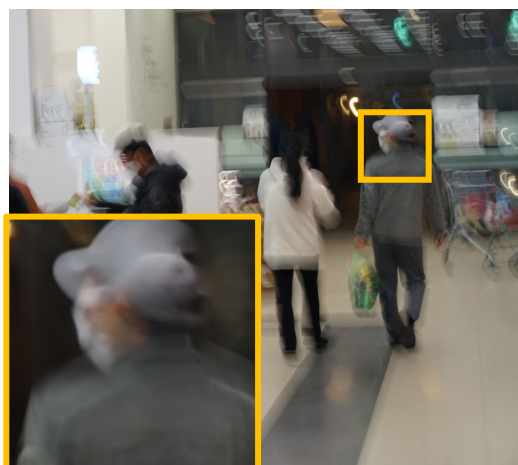
(a) Blurred image



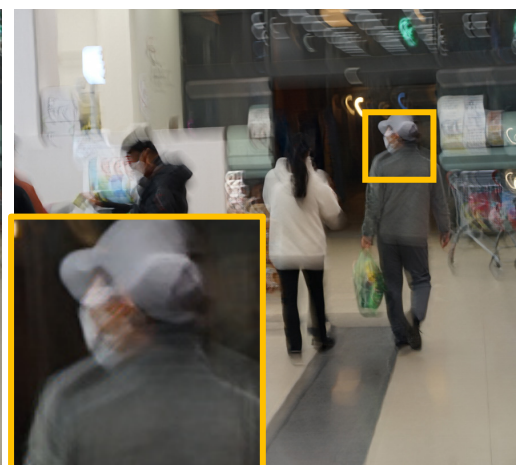
(b) Nah et al. [4]



(c) Zhang et al. [5]



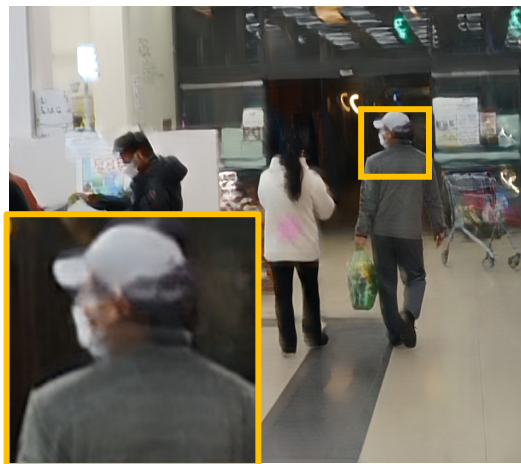
(d) Zhang et al. [6]



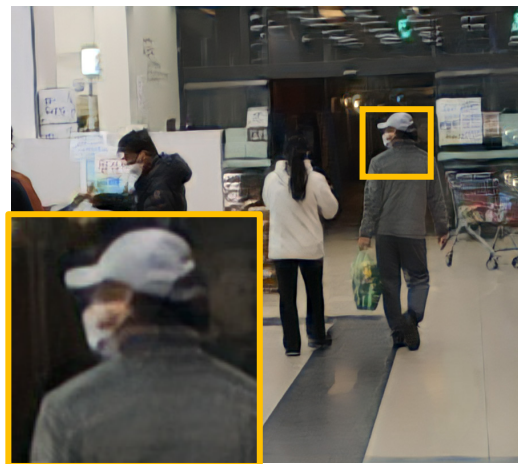
(e) DeblurGAN [7]

Additional examples of dynamic scenes (2)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



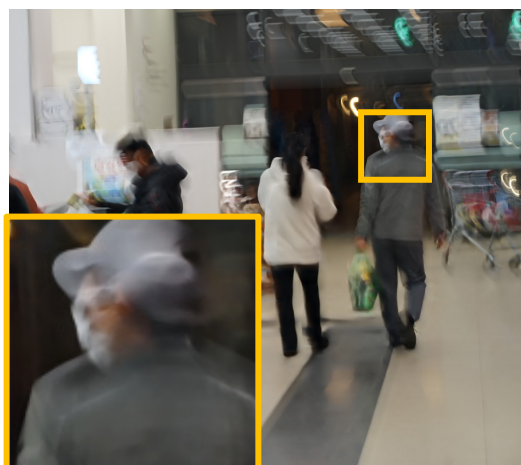
(f) DeblurGAN-v2 [8]



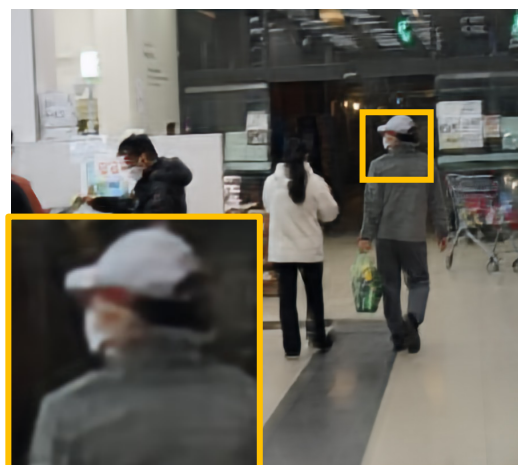
(g) DeblurGAN-v2 [8]
RealBlur-J



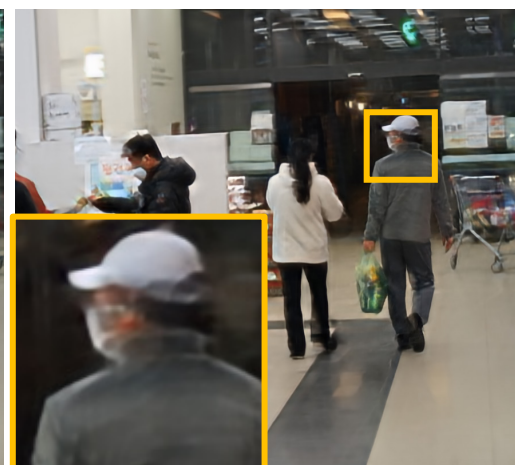
(h) DeblurGAN-v2 [8]
RealBlur-J+GoPro+BSD-B



(i) SRN-DeblurNet [9]



(j) SRN-DeblurNet [9]
RealBlur-J



(k) SRN-DeblurNet [9]
RealBlur-J+GoPro+BSD-B

Additional examples of dynamic scenes (3)

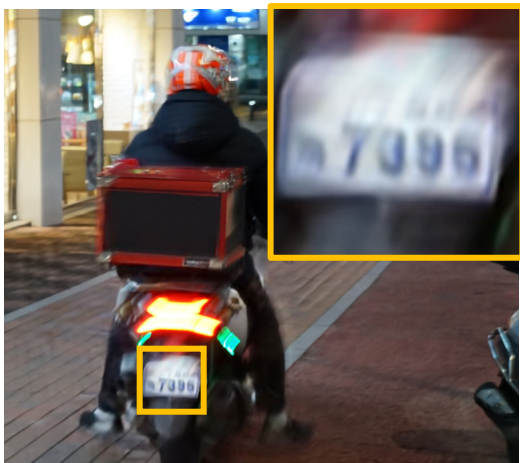
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



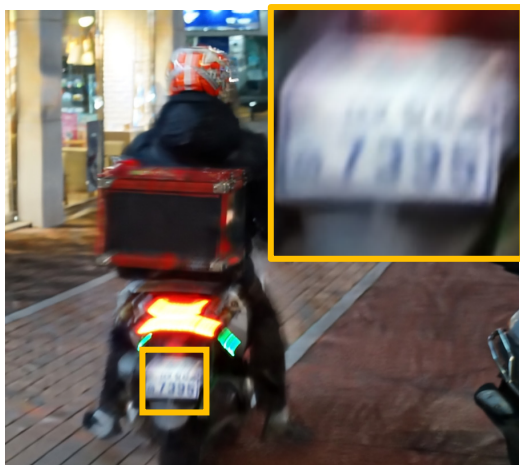
(a) Blurred image



(b) Nah et al. [4]



(c) Zhang et al. [5]



(d) Zhang et al. [6]



(e) DeblurGAN [7]

Additional examples of dynamic scenes (3)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



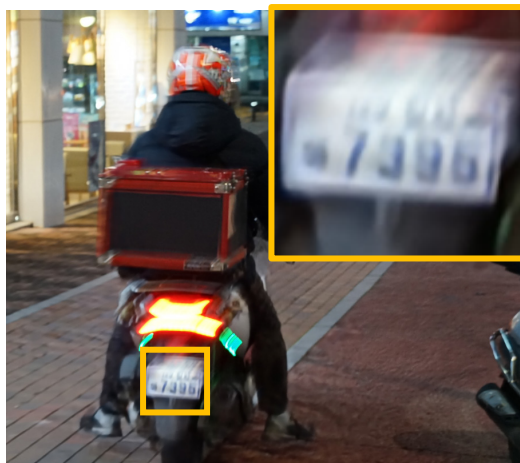
(f) DeblurGAN-v2 [8]



(g) DeblurGAN-v2 [8]
RealBlur-J



(h) DeblurGAN-v2 [8]
RealBlur-J+GoPro+BSD-B



(i) SRN-DeblurNet [9]



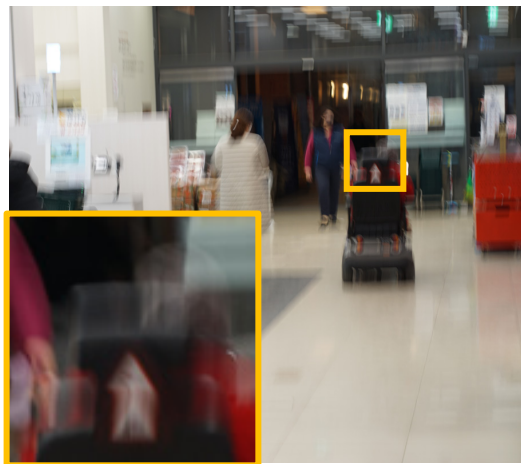
(j) SRN-DeblurNet [9]
RealBlur-J



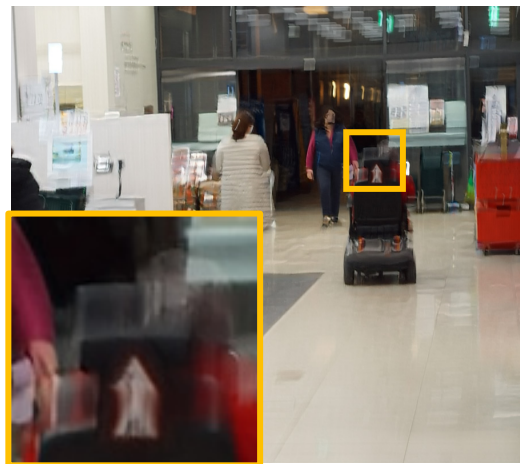
(k) SRN-DeblurNet [9]
RealBlur-J+GoPro+BSD-B

Additional examples of dynamic scenes (4)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



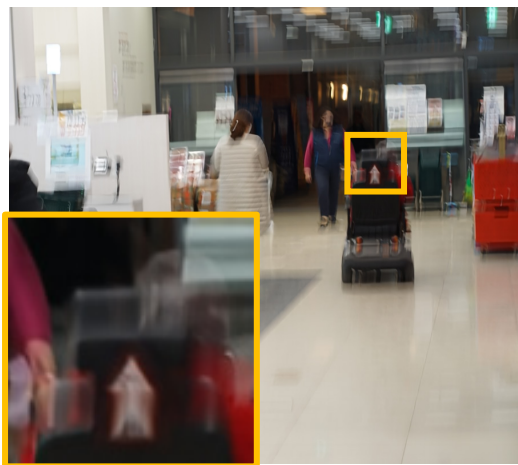
(a) Blurred image



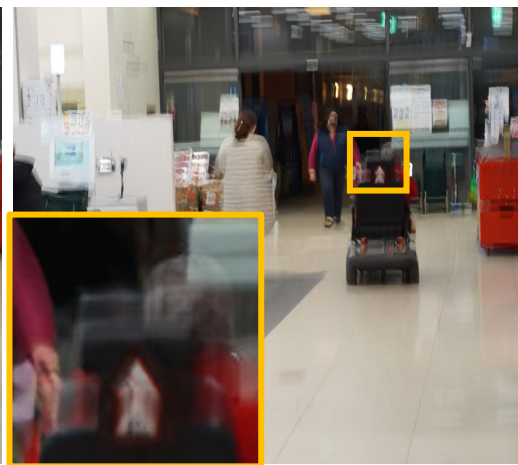
(b) Nah et al. [4]



(c) Zhang et al. [5]



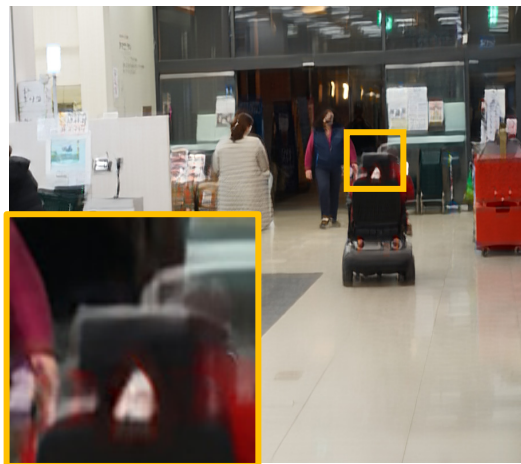
(d) Zhang et al. [6]



(e) DeblurGAN [7]

Additional examples of dynamic scenes (4)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) DeblurGAN-v2 [8]



(g) DeblurGAN-v2 [8]
RealBlur-J



(h) DeblurGAN-v2 [8]
RealBlur-J+GoPro+BSD-B



(i) SRN-DeblurNet [9]



(j) SRN-DeblurNet [9]
RealBlur-J



(k) SRN-DeblurNet [9]
RealBlur-J+GoPro+BSD-B

Additional examples of dynamic scenes (5)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image



(b) Nah et al. [4]



(c) Zhang et al. [5]



(d) Zhang et al. [6]



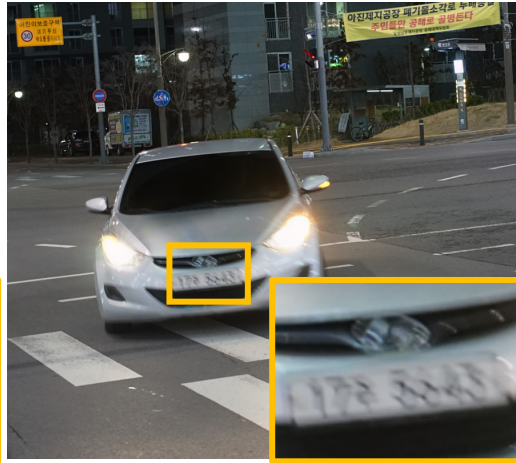
(e) DeblurGAN [7]

Additional examples of dynamic scenes (5)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) DeblurGAN-v2 [8]



(g) DeblurGAN-v2 [8]
RealBlur-J



(h) DeblurGAN-v2 [8]
RealBlur-J+GoPro+BSD-B



(i) SRN-DeblurNet [9]



(j) SRN-DeblurNet [9]
RealBlur-J



(k) SRN-DeblurNet [9]
RealBlur-J+GoPro+BSD-B

Additional examples of RealBlur-TeleJ (1)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image
PSNR/SSIM



(b) Nah et al. [4]
23.22/0.7269



(c) Zhang et al. [5]
23.41/0.7426



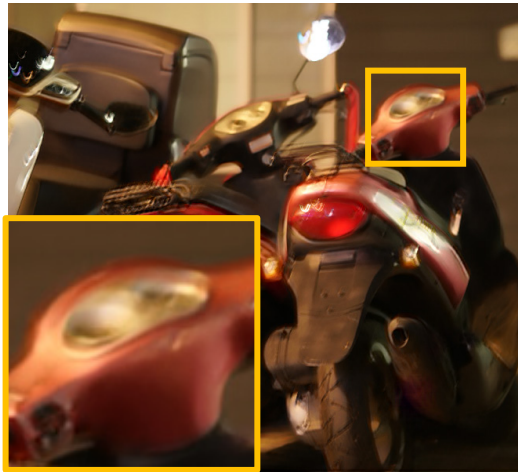
(d) Zhang et al. [6]
23.00/0.7236



(e) DeblurGAN [7]
23.43/0.7387

Additional examples of RealBlur-TeleJ (1)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) DeblurGAN-v2 [8]
24.67/0.7980



(g) DeblurGAN-v2* [8]
25.81/0.8031



(h) SRN-DeblurNet [9]
23.62/0.7532



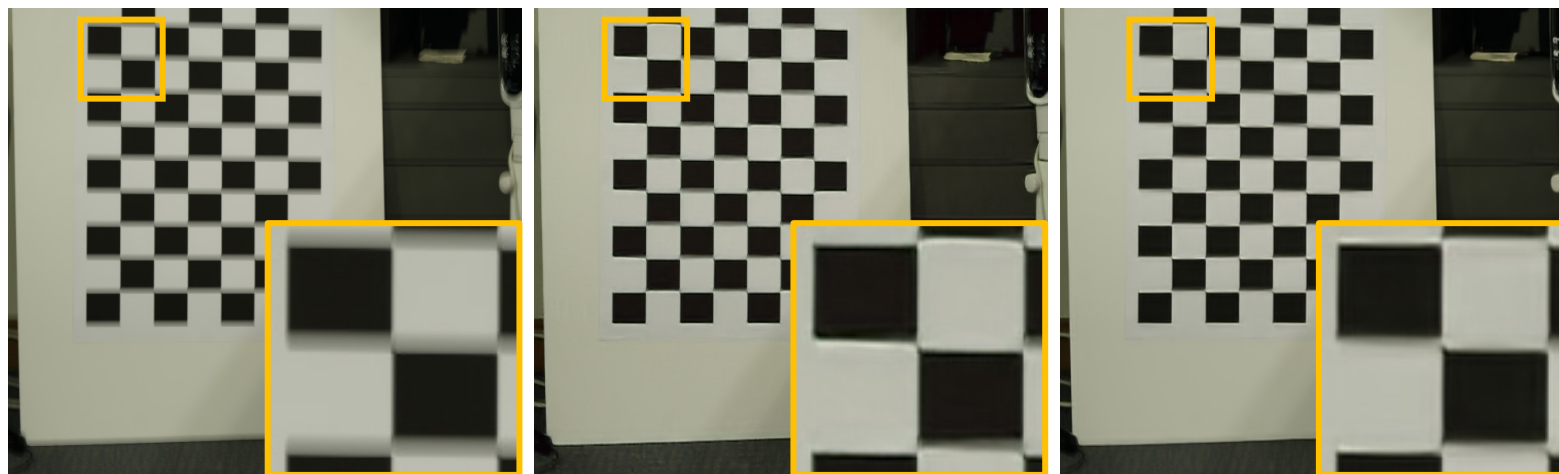
(i) SRN-DeblurNet* [9]
26.80/0.8763



(j) Ground truth

Additional examples of RealBlur-TeleJ (2)

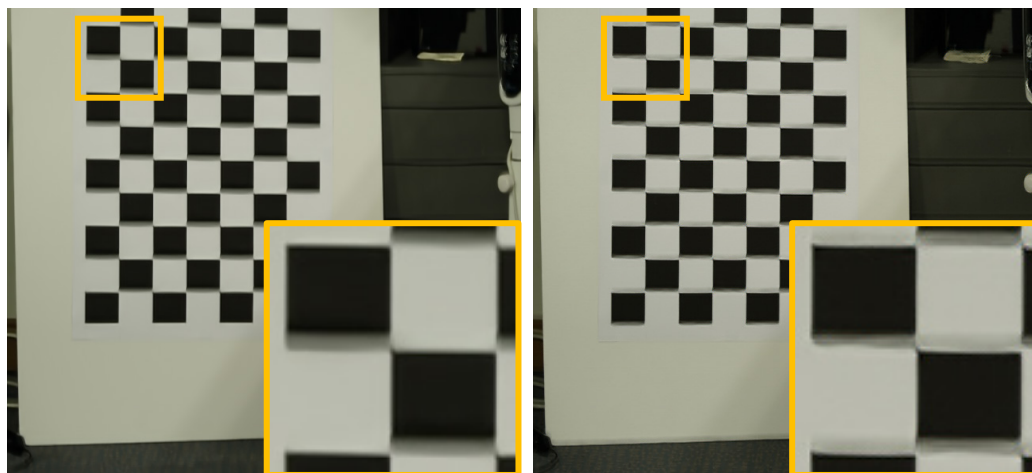
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image
PSNR/SSIM

(b) Nah et al. [4]
24.84/0.8642

(c) Zhang et al. [5]
25.10/0.8911

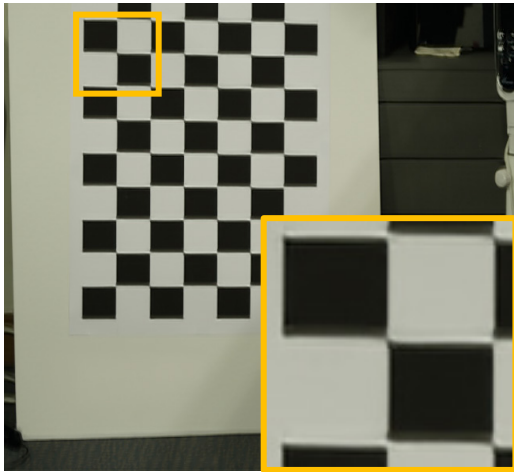


(d) Zhang et al. [6]
25.93/0.8991

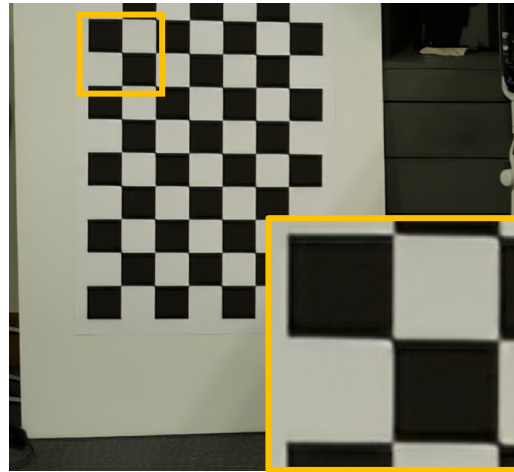
(e) DeblurGAN [7]
24.94/0.8713

Additional examples of RealBlur-TeleJ (2)

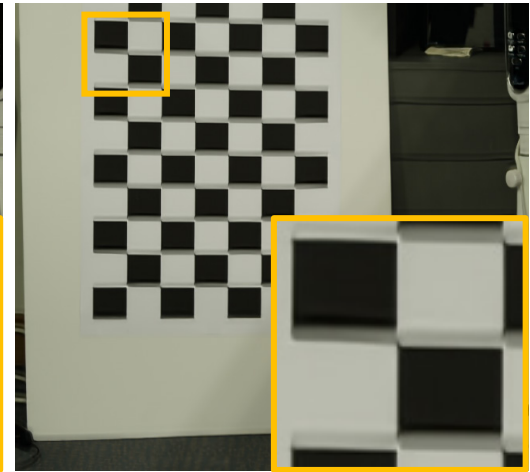
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



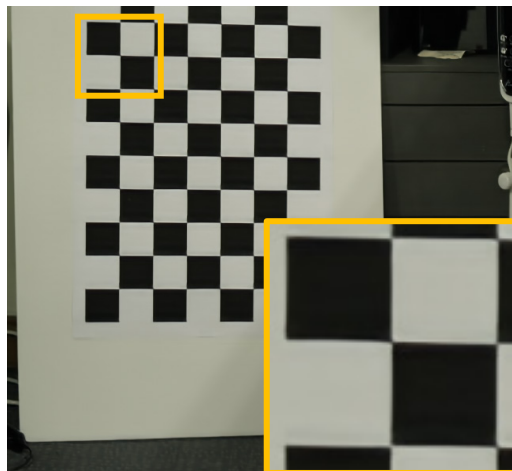
(f) DeblurGAN-v2 [8]
27.17/0.9104



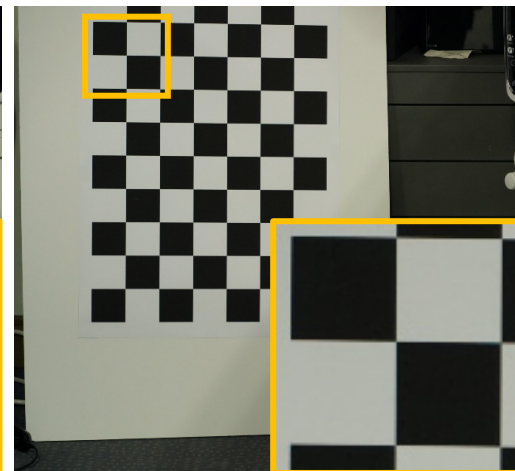
(g) DeblurGAN-v2* [8]
31.22/0.9127



(h) SRN-DeblurNet [9]
25.19/0.8897



(i) SRN-DeblurNet* [9]
32.75/0.9493



(j) Ground truth

Additional examples of RealBlur-TeleJ (3)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image
PSNR/SSIM



(b) Nah et al. [4]
26.48/0.7737



(c) Zhang et al. [5]
26.71/0.7924



(d) Zhang et al. [6]
25.34/0.7822



(e) DeblurGAN [7]
27.12/0.8067

Additional examples of RealBlur-TeleJ (3)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) DeblurGAN-v2 [8]
27.91/0.8414



(g) DeblurGAN-v2* [8]
27.55/0.8302



(h) SRN-DeblurNet [9]
27.62/0.8442



(i) SRN-DeblurNet* [9]
32.20/0.8943



(j) Ground truth

Additional examples of RealBlur-TeleR (1)

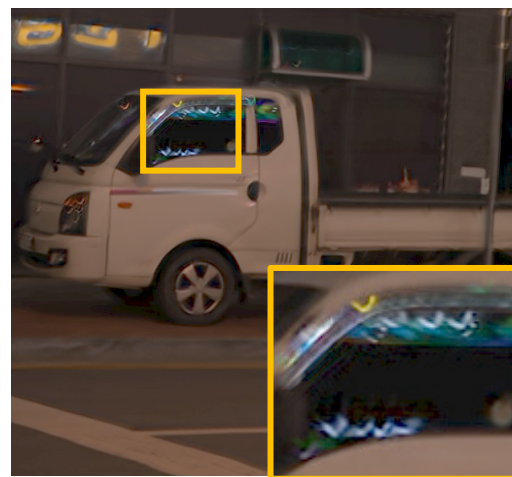
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image
PSNR/SSIM



(b) Nah et al. [4]
31.88/0.8435



(c) Zhang et al. [5]
34.50/0.9425



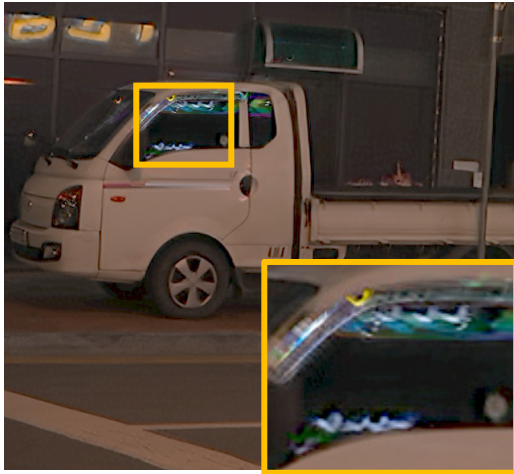
(d) Zhang et al. [6]
34.71/0.9497



(e) DeblurGAN [7]
33.66/0.9186

Additional examples of RealBlur-TeleR (1)

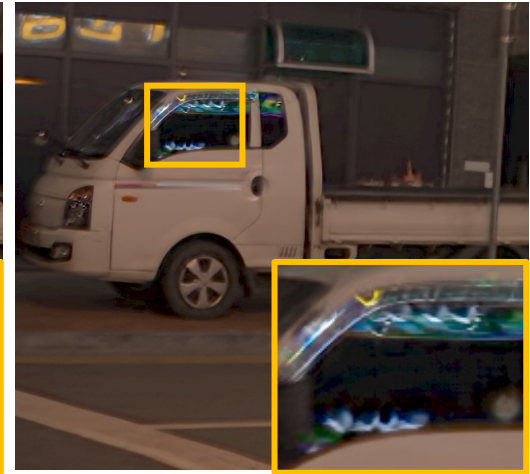
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) DeblurGAN-v2 [8]
34.49/0.9419



(g) DeblurGAN-v2* [8]
34.66/0.9160



(h) SRN-DeblurNet [9]
34.72/0.9483



(i) SRN-DeblurNet* [9]
37.39/0.9681



(j) Ground truth

Additional examples of RealBlur-TeleR (2)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image
PSNR/SSIM



(b) Nah et al. [4]
28.69/0.8701



(c) Zhang et al. [5]
29.40/0.9219



(d) Zhang et al. [6]
29.10/0.9183



(e) DeblurGAN [7]
29.04/0.9132

Additional examples of RealBlur-TeleR (2)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) DeblurGAN-v2 [8]
29.71/0.9271



(g) DeblurGAN-v2* [8]
30.50/0.9284



(h) SRN-DeblurNet [9]
29.13/0.9238



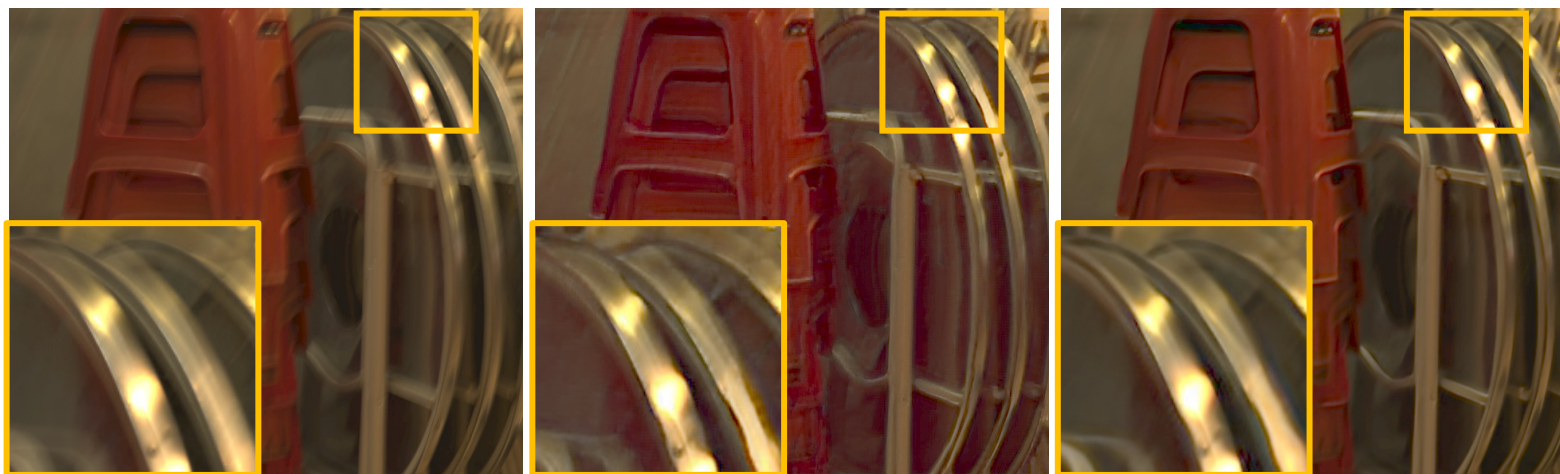
(i) SRN-DeblurNet* [9]
33.03/0.9572



(j) Ground truth

Additional examples of RealBlur-TeleR (3)

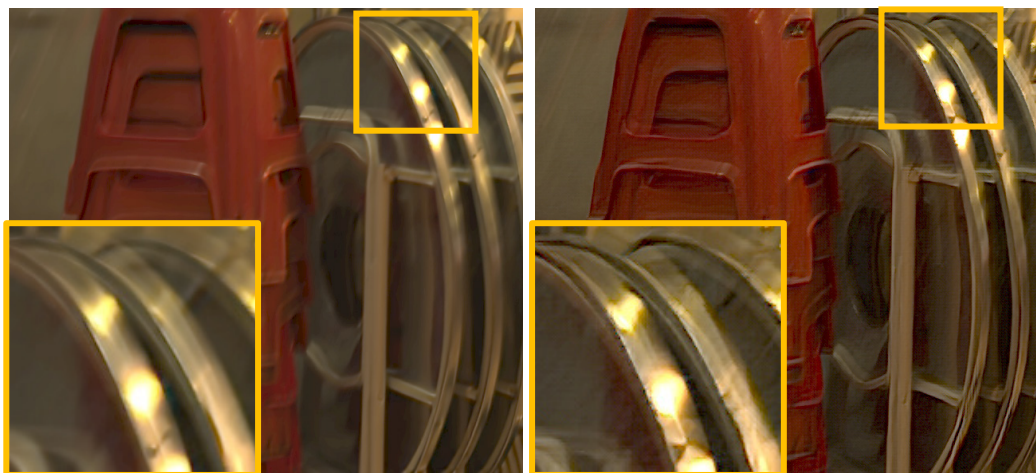
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image
PSNR/SSIM

(b) Nah et al. [4]
27.86/0.8561

(c) Zhang et al. [5]
28.24/0.9149

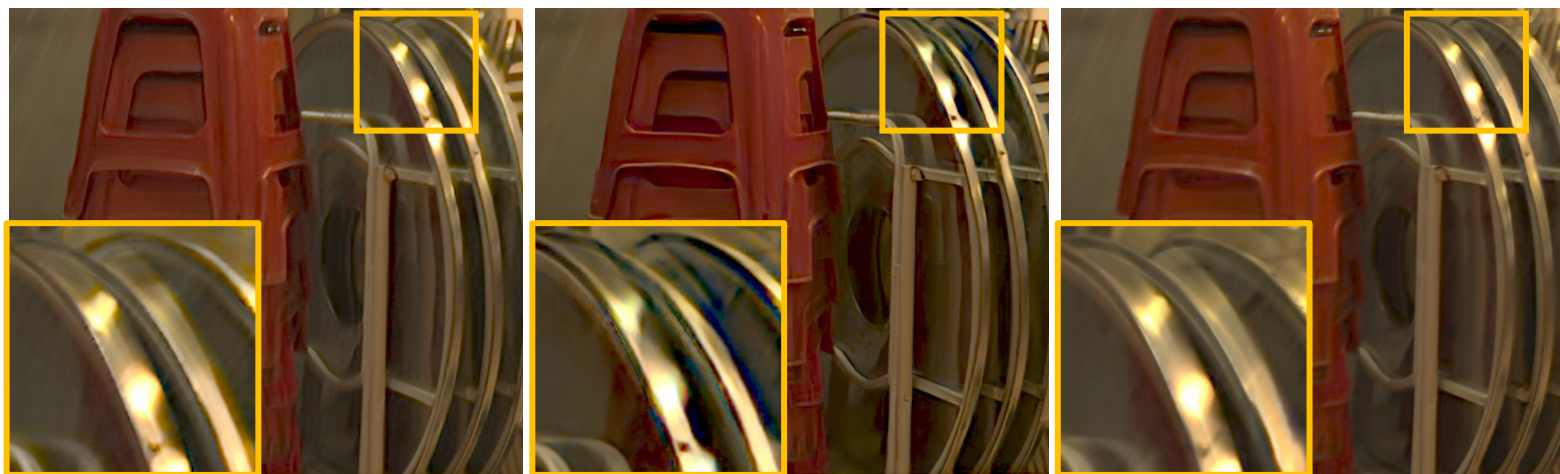


(d) Zhang et al. [6]
28.03/0.9133

(e) DeblurGAN [7]
27.35/0.8491

Additional examples of RealBlur-TeleR (3)

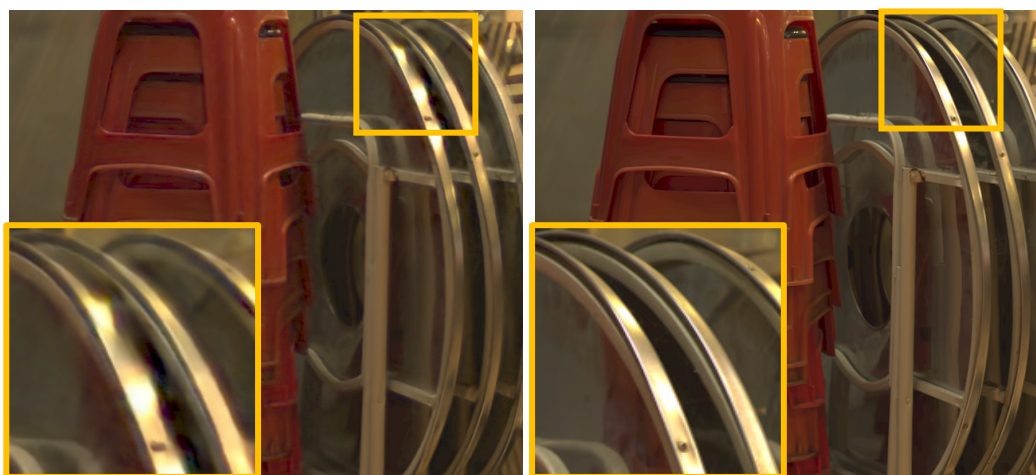
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(f) DeblurGAN-v2 [8]
28.71/0.9084

(g) DeblurGAN-v2* [8]
30.96/0.8750

(h) SRN-DeblurNet [9]
28.23/0.9159

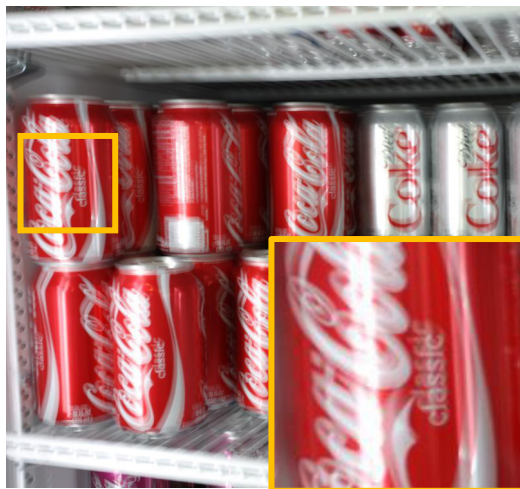


(i) SRN-DeblurNet* [9]
32.42/0.9508

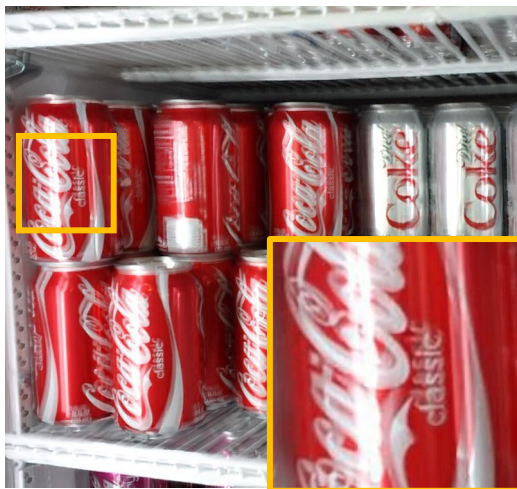
(j) Ground truth

Real-world blurred image dataset of Lai et al. [10] (1)

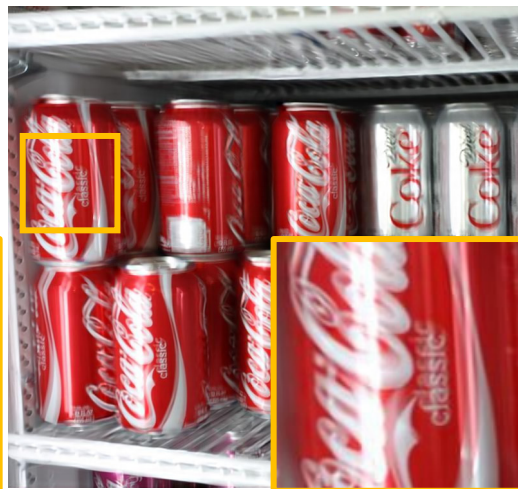
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image



(b) Nah et al. [4]



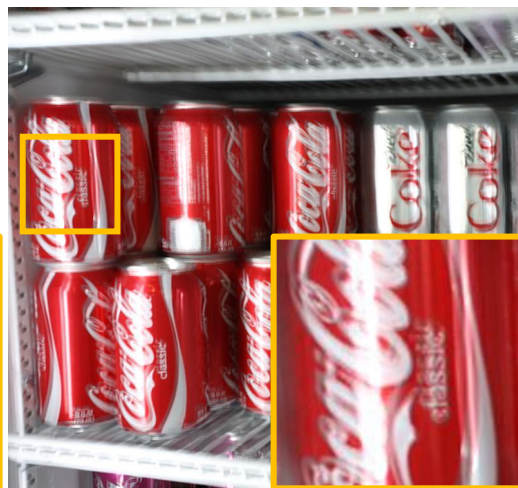
(c) Zhang et al. [5]



(d) Zhang et al. [6]



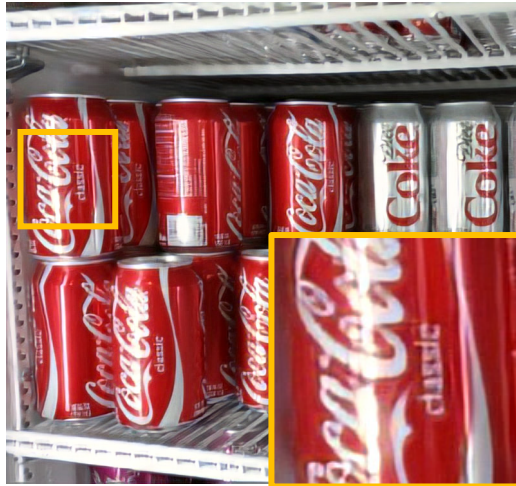
(e) DeblurGAN [7]



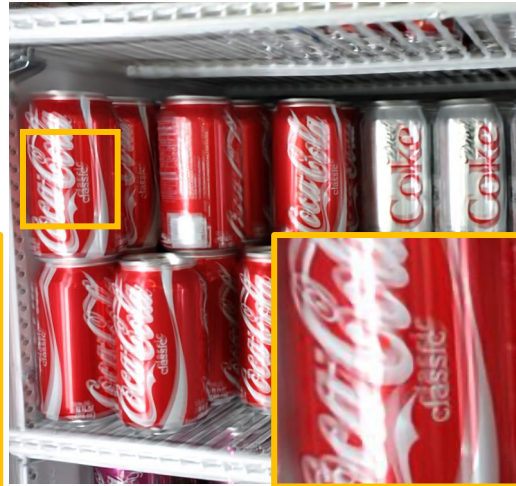
(f) DeblurGAN-v2 [8]

Real-world blurred image dataset of Lai et al. [10] (1)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(g) DeblurGAN-v2* [8]



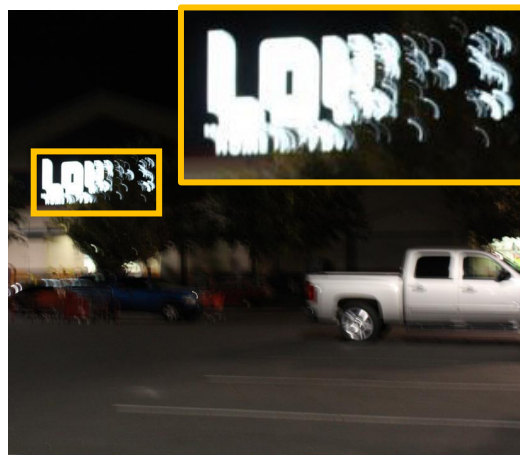
(h) SRN-DeblurNet [9]



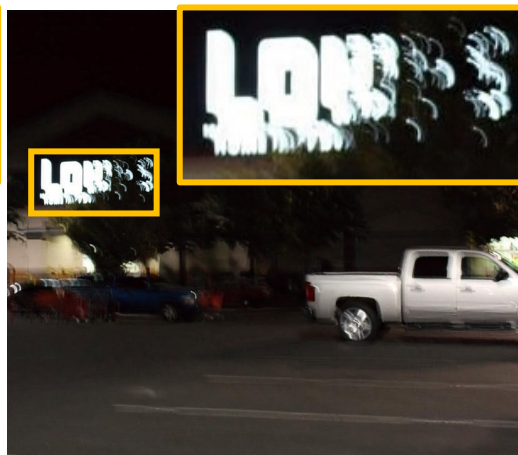
(i) SRN-DeblurNet* [9]

Real-world blurred image dataset of Lai et al. [10] (2)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



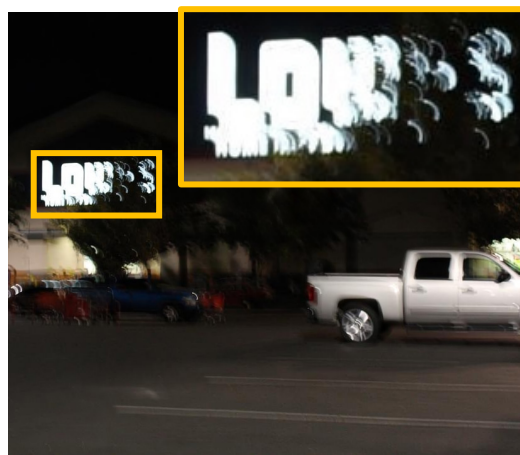
(a) Blurred image



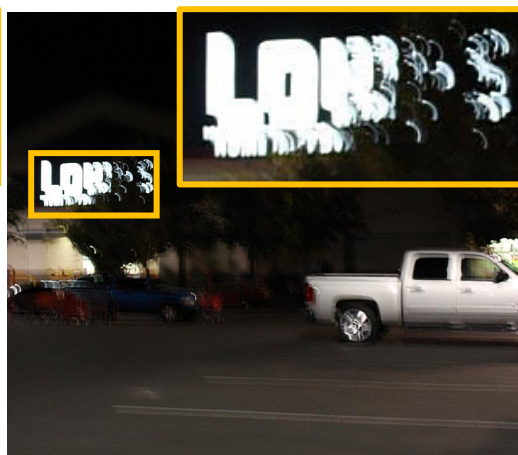
(b) Nah et al. [4]



(c) Zhang et al. [5]



(d) Zhang et al. [6]



(e) DeblurGAN [7]



(f) DeblurGAN-v2 [8]

Real-world blurred image dataset of Lai et al. [10] (2)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(g) DeblurGAN-v2* [8]



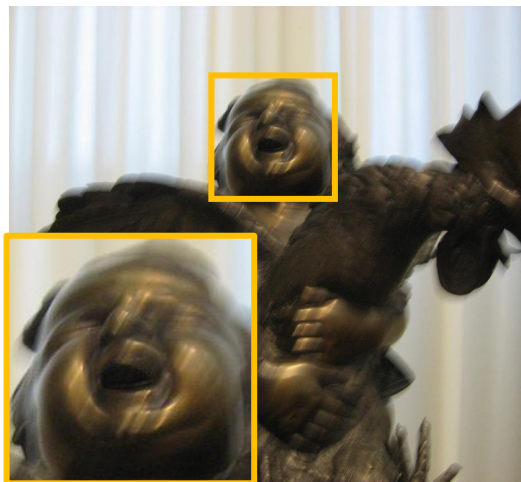
(h) SRN-DeblurNet [9]



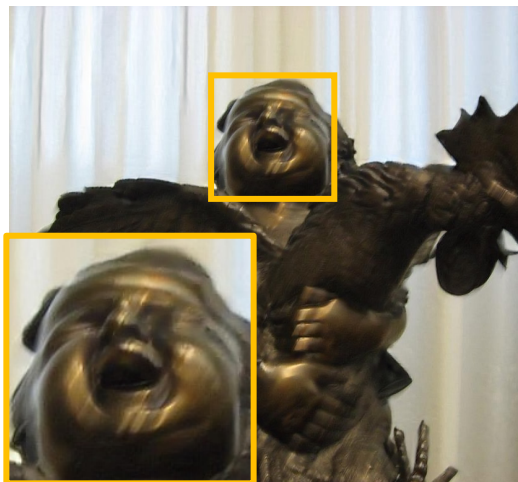
(i) SRN-DeblurNet* [9]

Real-world blurred image dataset of Lai et al. [10] (3)

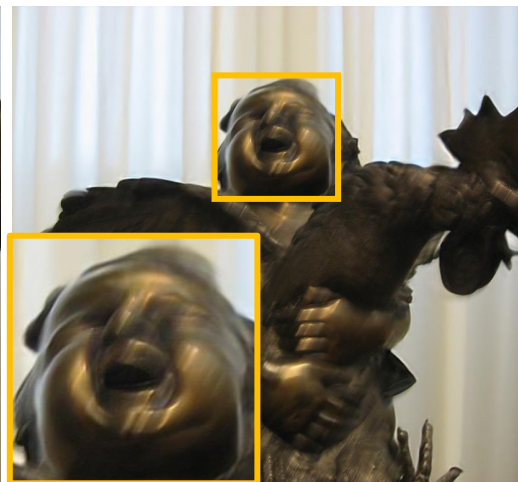
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



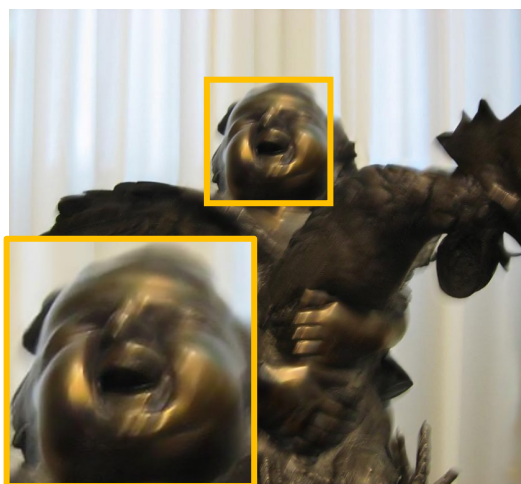
(a) Blurred image



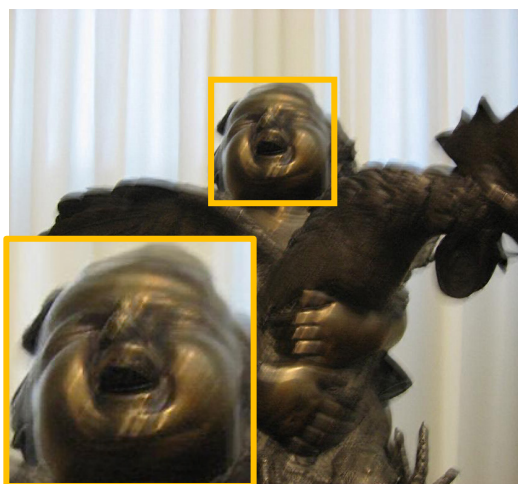
(b) Nah et al. [4]



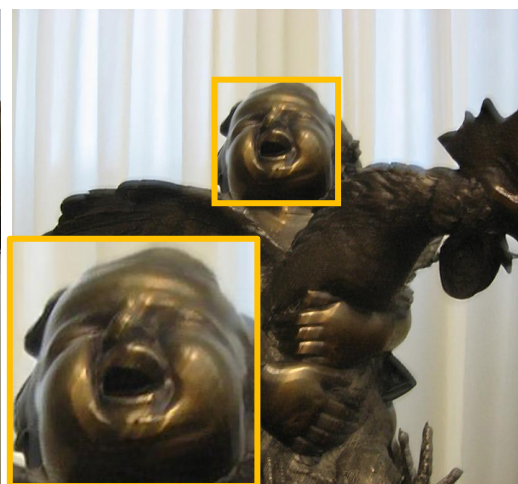
(c) Zhang et al. [5]



(d) Zhang et al. [6]



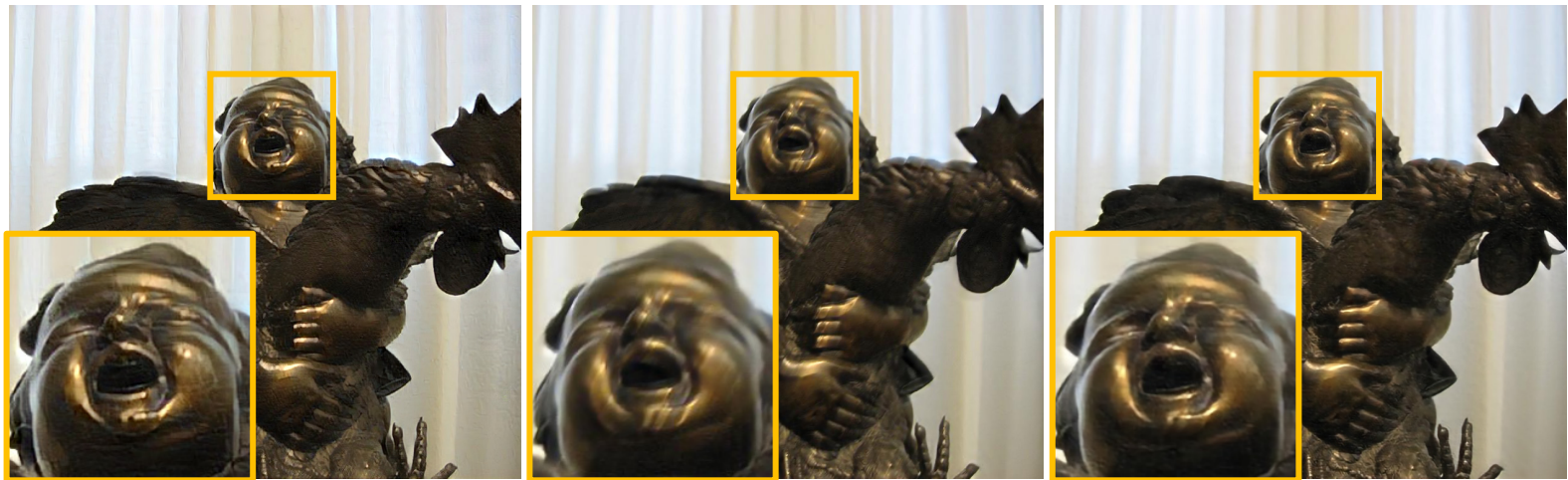
(e) DeblurGAN [7]



(f) DeblurGAN-v2 [8]

Real-world blurred image dataset of Lai et al. [10] (3)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(g) DeblurGAN-v2* [8]

(h) SRN-DeblurNet [9]

(i) SRN-DeblurNet* [9]

Real-world blurred image dataset of Lai et al. [10] (4)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image

(b) Nah et al. [4]

(c) Zhang et al. [5]



(d) Zhang et al. [6]

(e) DeblurGAN [7]

(f) DeblurGAN-v2 [8]

Real-world blurred image dataset of Lai et al. [10] (4)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(g) DeblurGAN-v2* [8]

(h) SRN-DeblurNet [9]

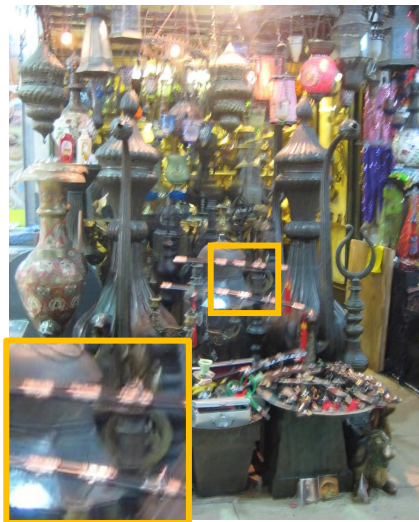
(i) SRN-DeblurNet* [9]

Real-world blurred image dataset of Lai et al. [10] (5)

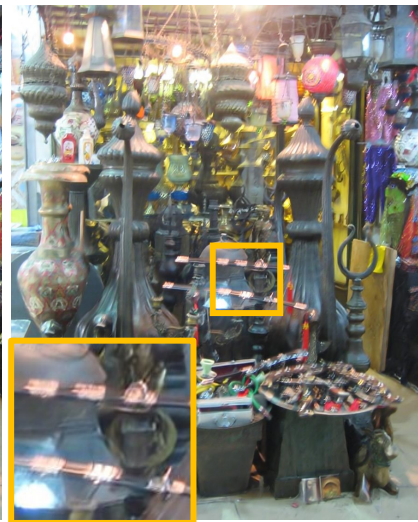
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image



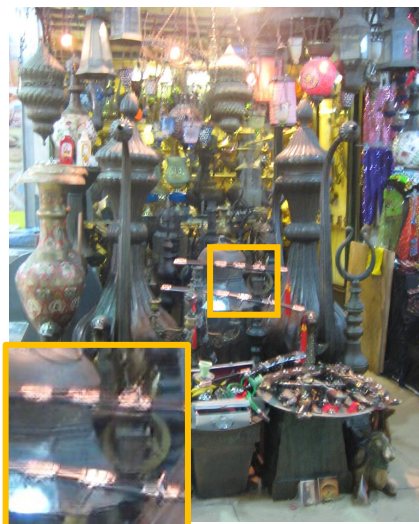
(b) Nah et al. [4]



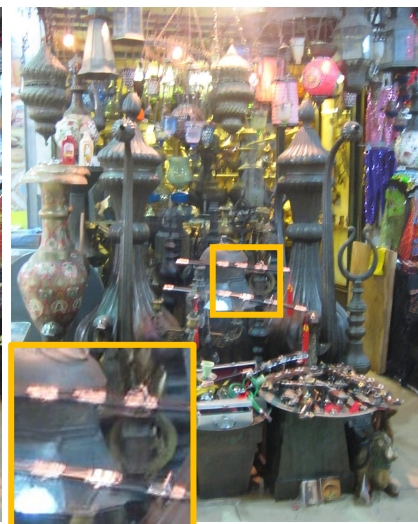
(c) Zhang et al. [5]



(d) Zhang et al. [6]



(e) DeblurGAN [7]



(f) DeblurGAN-v2 [8]

Real-world blurred image dataset of Lai et al. [10] (5)

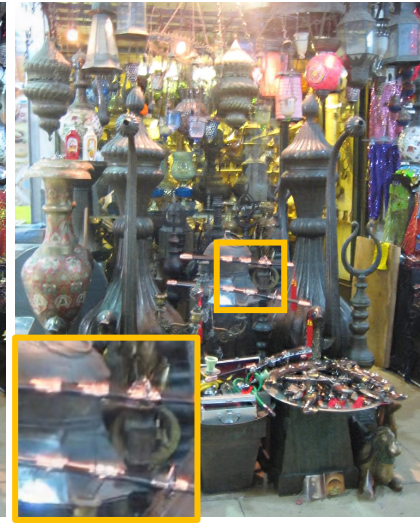
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(g) DeblurGAN-v2* [8]



(h) SRN-DeblurNet [9]



(i) SRN-DeblurNet* [9]

Additional examples of Galaxy S10 images (1)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image



(b) Nah et al. [4]



(c) Zhang et al. [5]



(d) Zhang et al. [6]



(e) DeblurGAN [7]



(f) DeblurGAN-v2 [8]

Additional examples of Galaxy S10 images (1)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(g) DeblurGAN-v2* [8]



(h) SRN-DeblurNet [9]



(i) SRN-DeblurNet* [9]

Additional examples of Galaxy S10 images (2)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image



(b) Nah et al. [4]



(c) Zhang et al. [5]



(d) Zhang et al. [6]



(e) DeblurGAN [7]



(f) DeblurGAN-v2 [8]

Additional examples of Galaxy S10 images (2)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(g) DeblurGAN-v2* [8]



(h) SRN-DeblurNet [9]



(i) SRN-DeblurNet* [9]

Additional examples of Galaxy S10 images (3)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image



(b) Nah et al. [4]



(c) Zhang et al. [5]



(d) Zhang et al. [6]



(e) DeblurGAN [7]



(f) DeblurGAN-v2 [8]

Additional examples of Galaxy S10 images (3)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(g) DeblurGAN-v2* [8]



(h) SRN-DeblurNet [9]



(i) SRN-DeblurNet* [9]

Additional examples of Galaxy S10 images (4)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(a) Blurred image



(b) Nah et al. [4]



(c) Zhang et al. [5]



(d) Zhang et al. [6]



(e) DeblurGAN [7]



(f) DeblurGAN-v2 [8]

Additional examples of Galaxy S10 images (4)

Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(g) DeblurGAN-v2* [8]



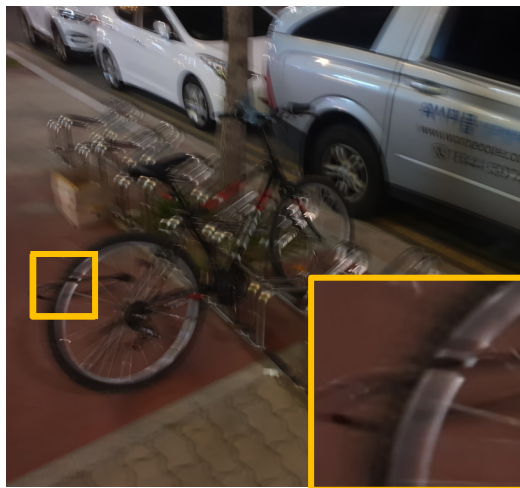
(h) SRN-DeblurNet [9]



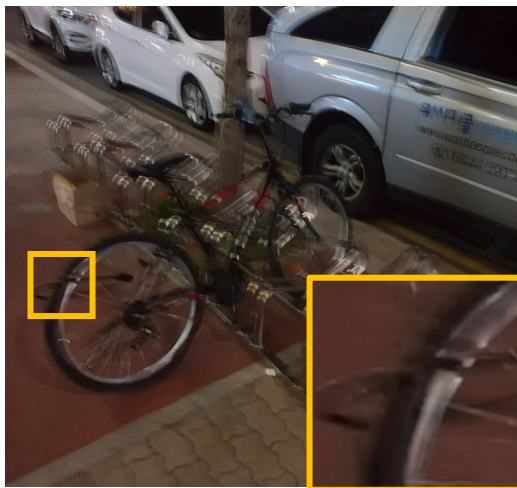
(i) SRN-DeblurNet* [9]

Additional examples of Galaxy S10 images (5)

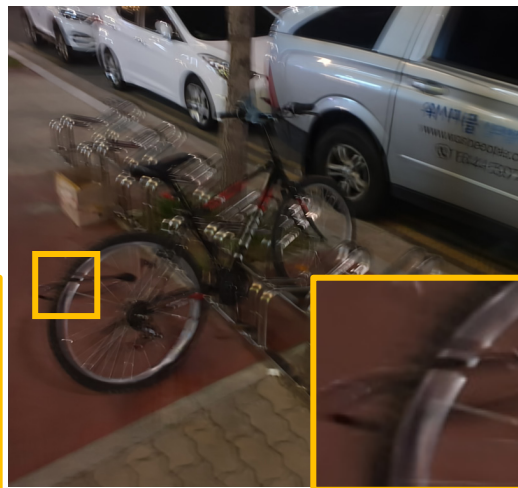
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



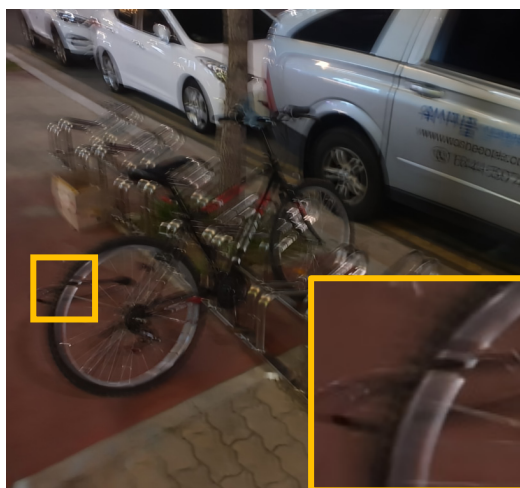
(a) Blurred image



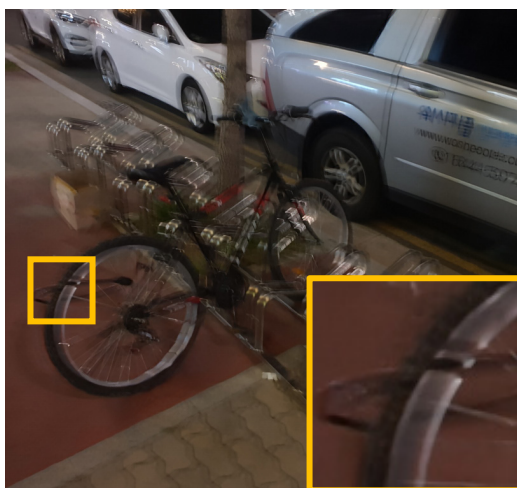
(b) Nah et al. [4]



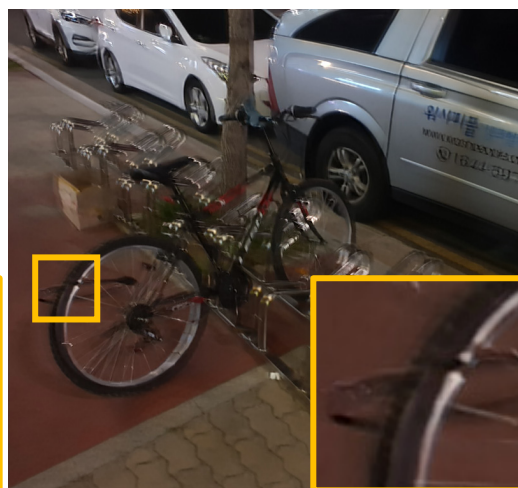
(c) Zhang et al. [5]



(d) Zhang et al. [6]



(e) DeblurGAN [7]



(f) DeblurGAN-v2 [8]

Additional examples of Galaxy S10 images (5)

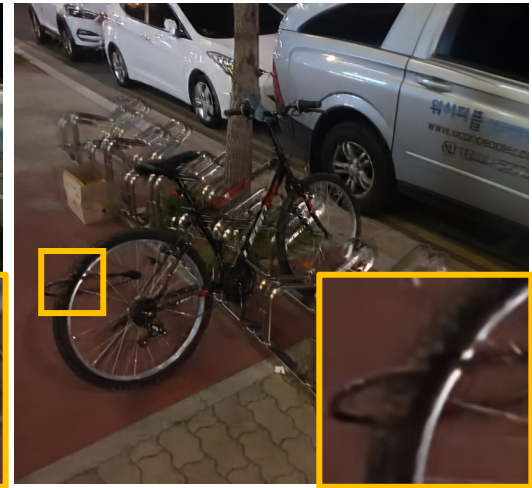
Black: deep learning-based methods. Blue*: deep learning-based methods trained with our dataset.



(g) DeblurGAN-v2* [8]



(h) SRN-DeblurNet [9]



(i) SRN-DeblurNet* [9]

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