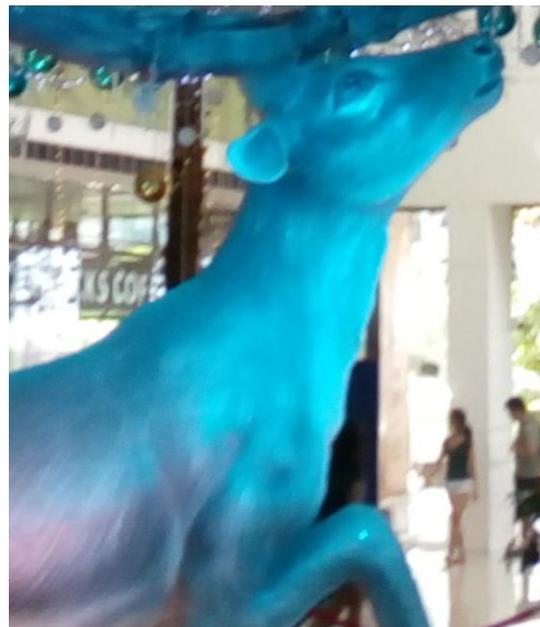




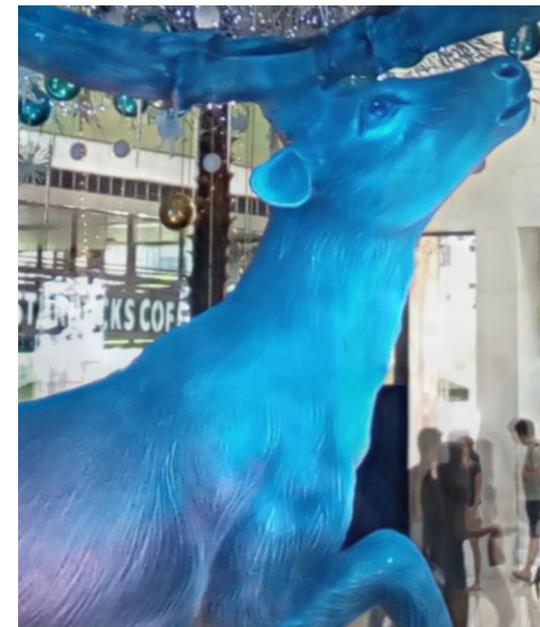
A



B



A



B

A: Bicubic Interpolation

B: Proposed SR method for mobile devices

Images without a Ground-Truth

A: Bicubic interpolation

B: Previous SR method

C: Proposed SR method for mobile devices



A



B



C



A



B



C



A



B



C



A



B



C



A



B



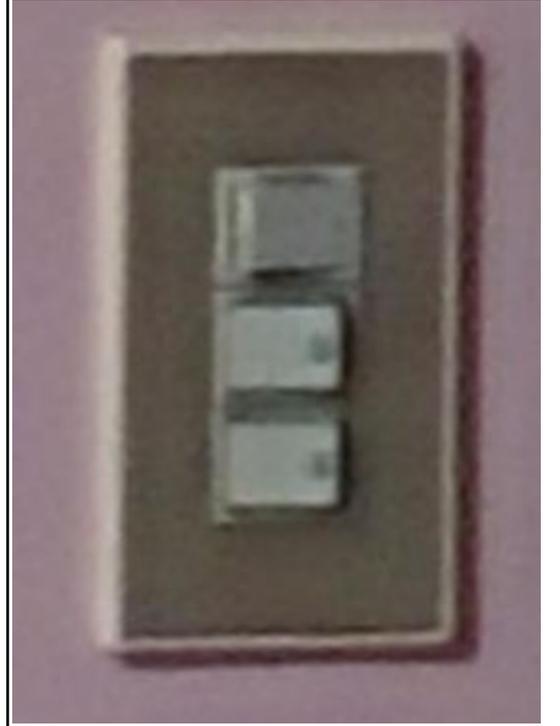
C



A



B



C



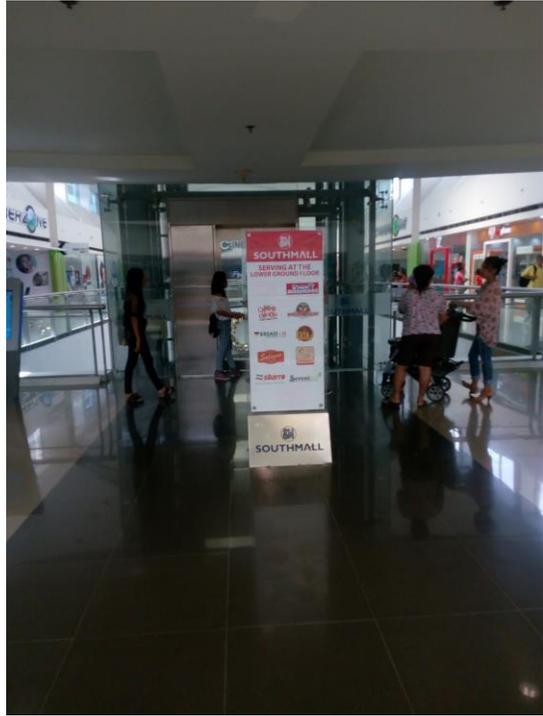
A



B



C



A



B



C



LUMPLA
ubod, fresh
or fried P.50

A

LUMPLA
ubod, fresh
or fried P.50

B

LUMPLA
ubod, fresh
or fried P.50

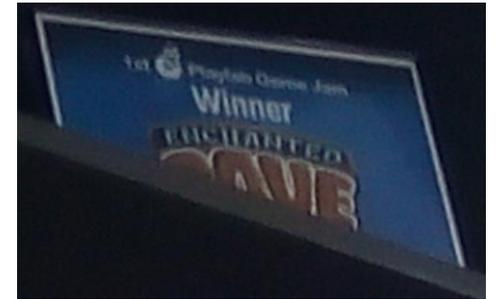
C



A



B



C



A



B



C



A



B



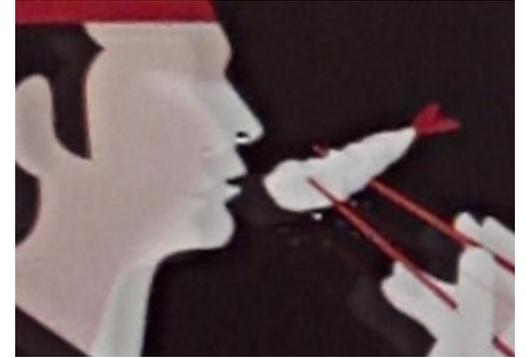
C



A



B



C



A

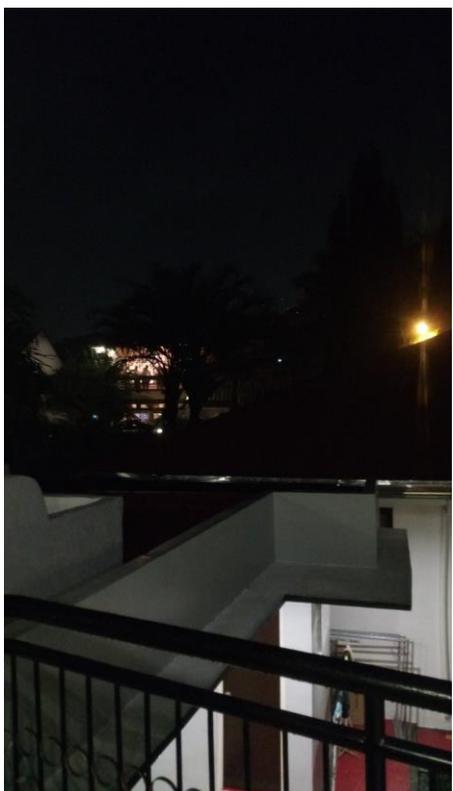


B



C





A



B



C



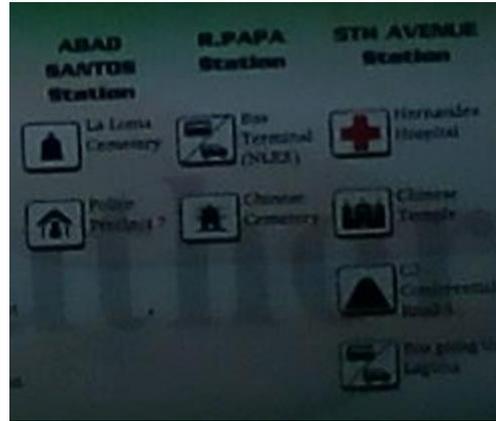
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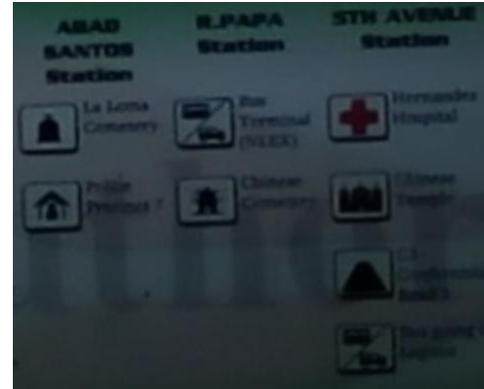
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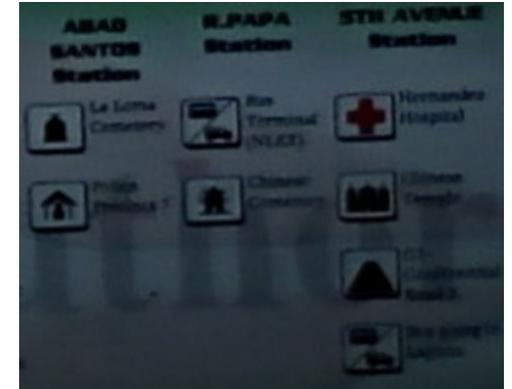
C



A



B



C



A



B



C



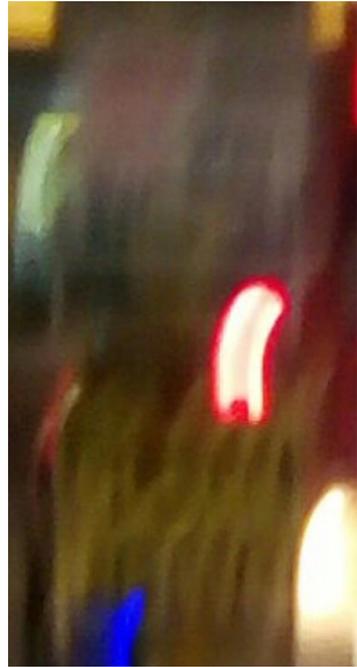
A



B



C



A



B



C



A



B



C



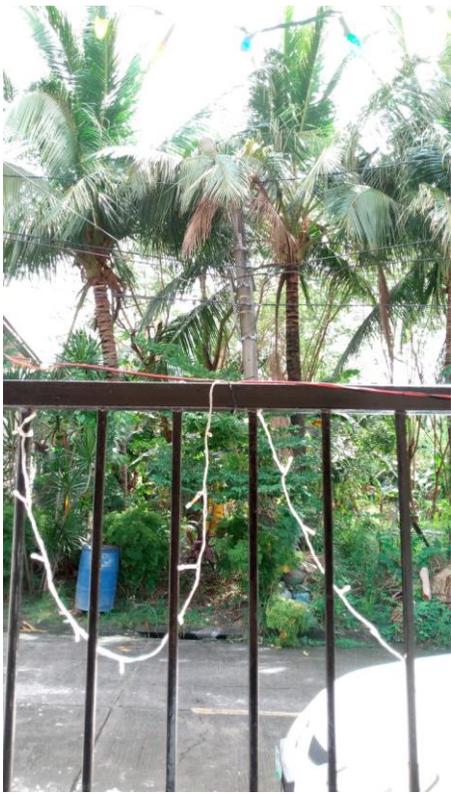
A



B



C



A



B



C





A



B



C



A



B



C



A



B



C



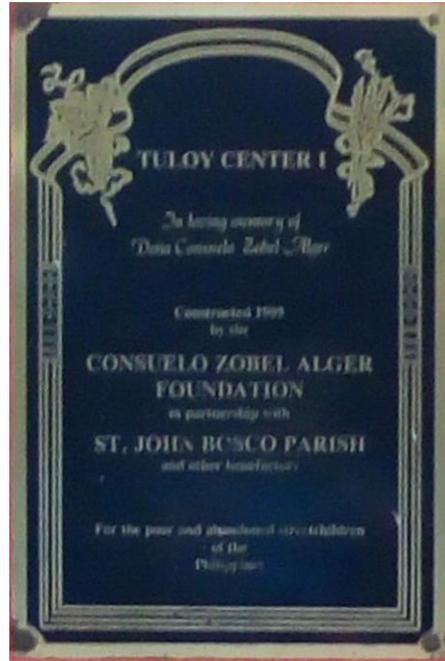
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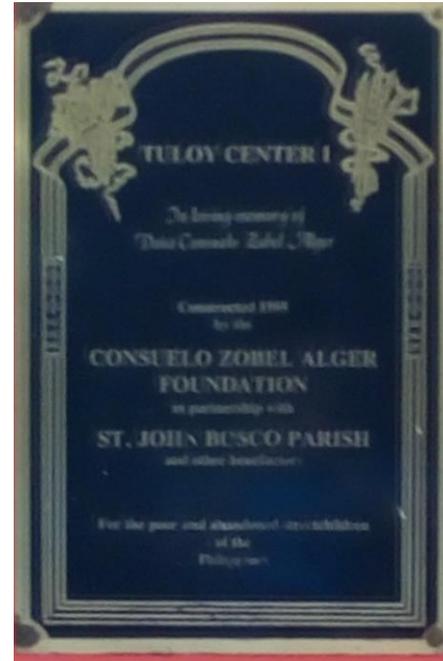
B



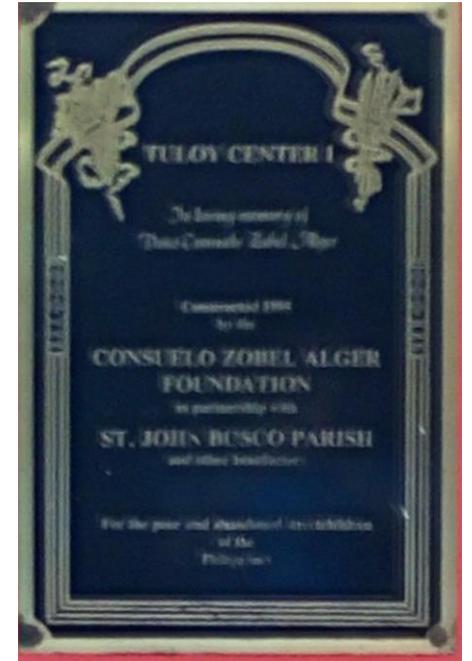
C



A



B



C



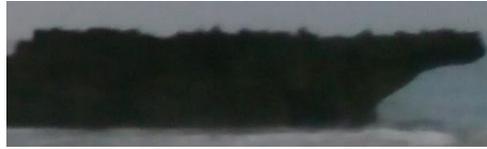
A



B



C



A



B



C



A



B



C



A



B



C



A



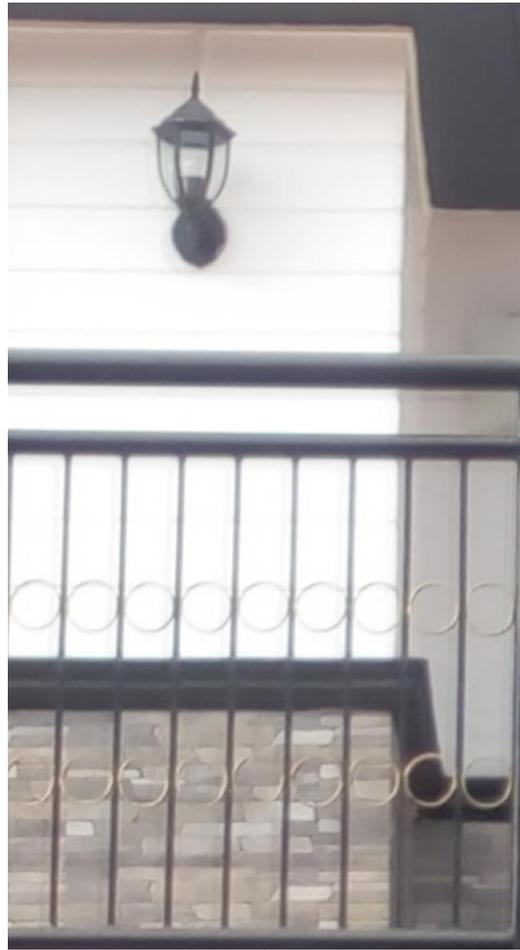
B



C



A



B



C



A



B



C



A



B



C



A



B



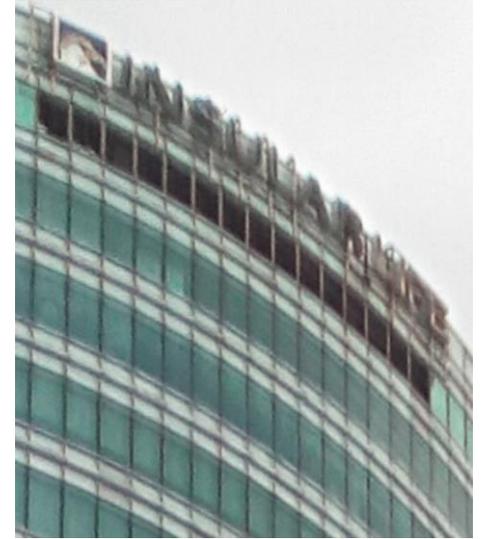
C



A



B



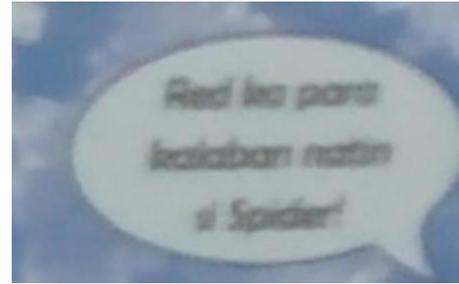
C



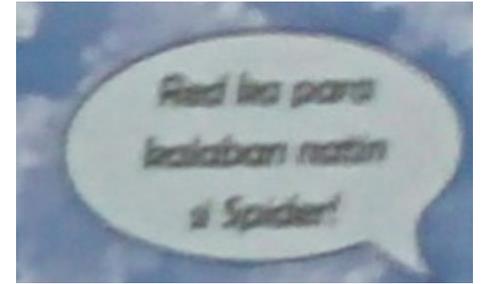
A



B

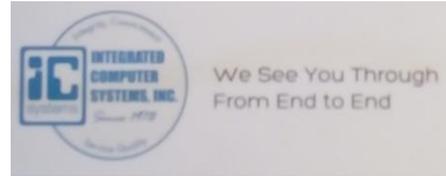


C





A



B



C



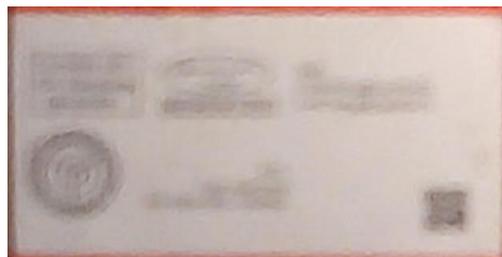
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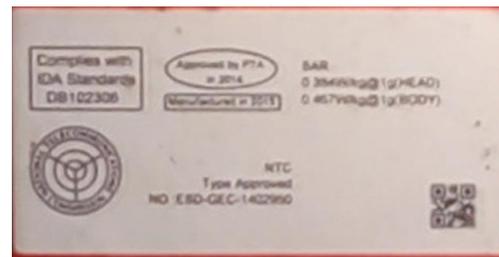
B



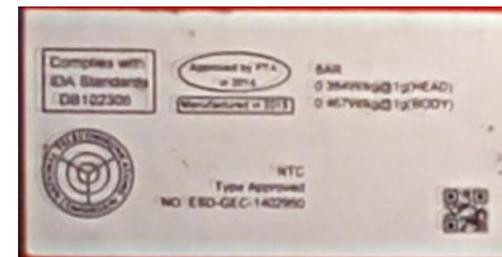
C



A

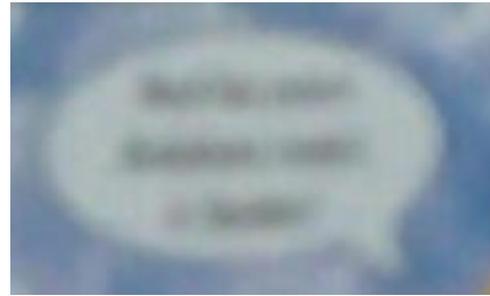


B



C

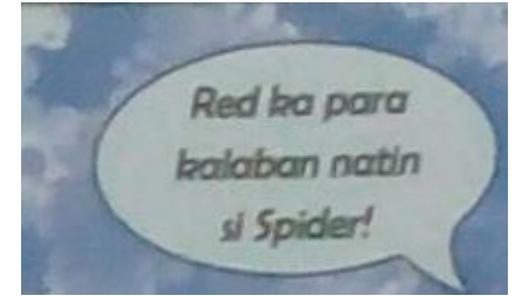
Images with Noise



Bicubic



Bicubic with denoising



Ground-Truth



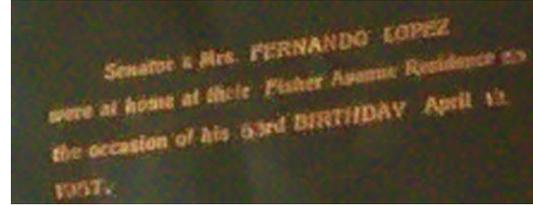
SR method



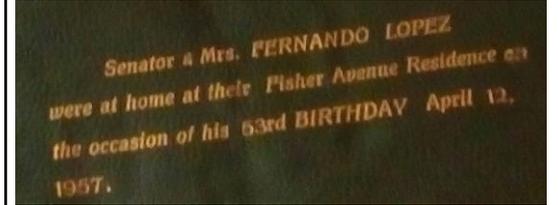
SR method with denoising



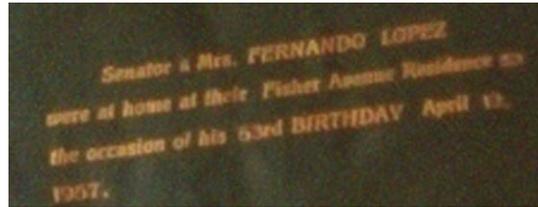
Bicubic



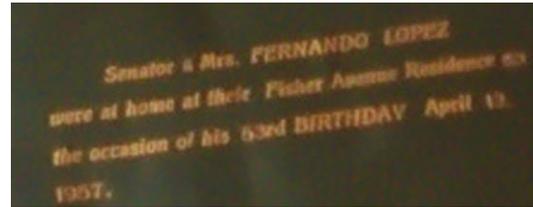
Bicubic with denoising



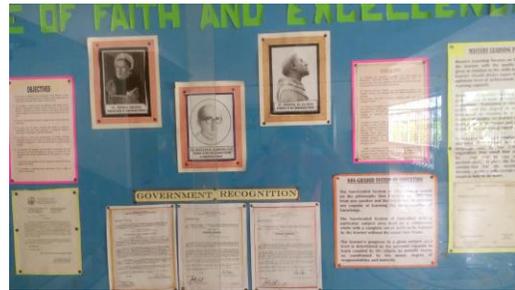
Ground-Truth



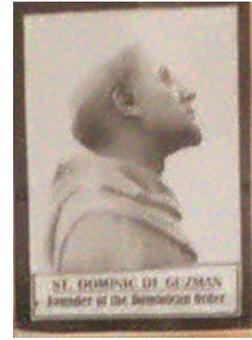
SR method



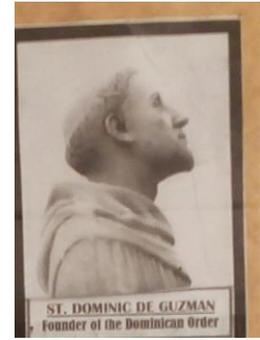
SR method with denoising



Bicubic



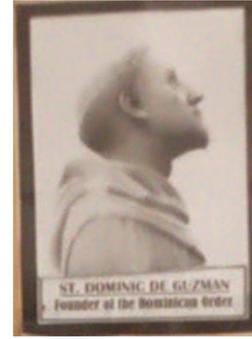
Bicubic with denoising



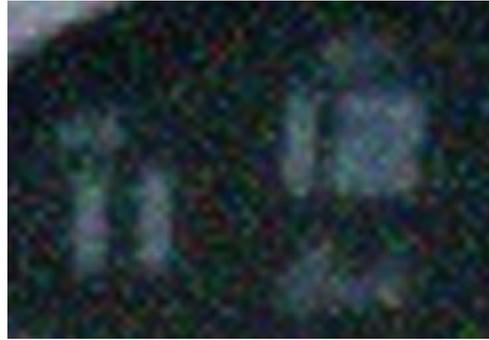
Ground-Truth



SR method



SR method with denoising



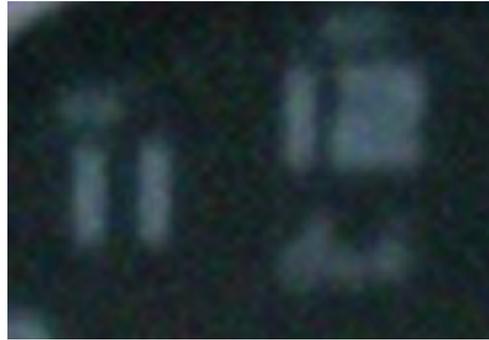
Bicubic



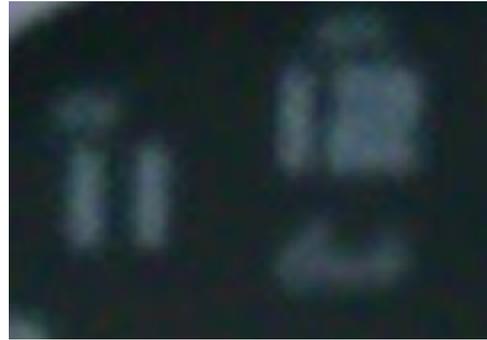
Bicubic with denoising



Ground-Truth



SR method



SR method with denoising



Bicubic



Bicubic with denoising



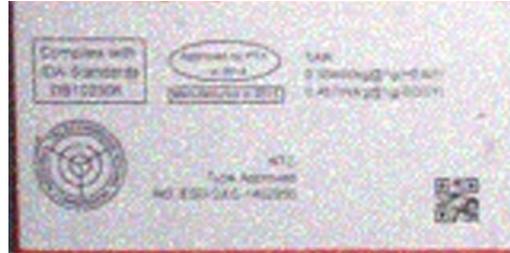
Ground-Truth



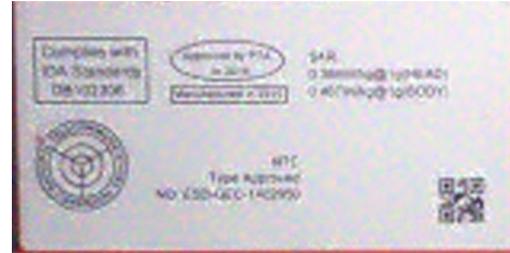
SR method



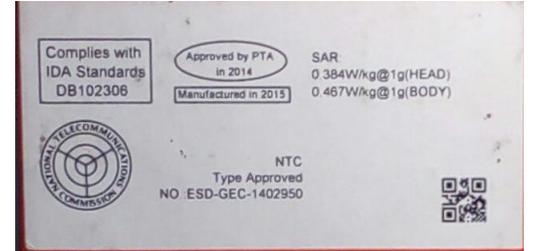
SR method with denoising



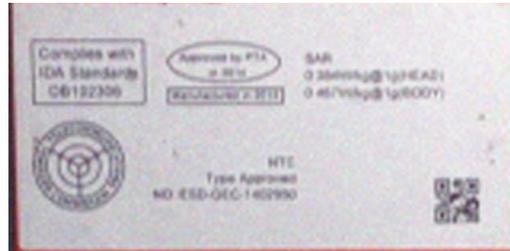
Bicubic



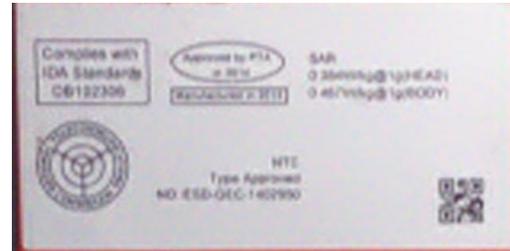
Bicubic with denoising



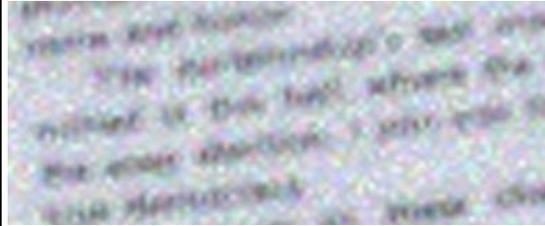
Ground-Truth



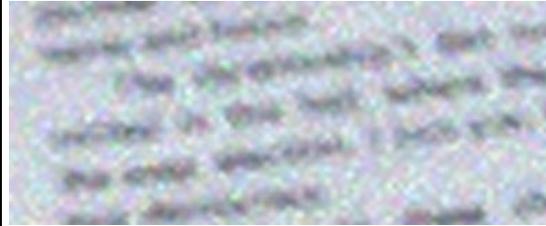
SR method



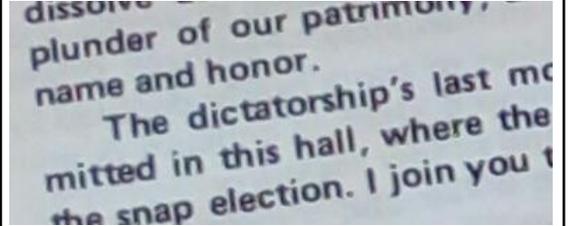
SR method with denoising



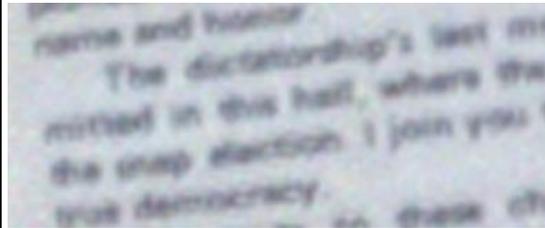
Bicubic



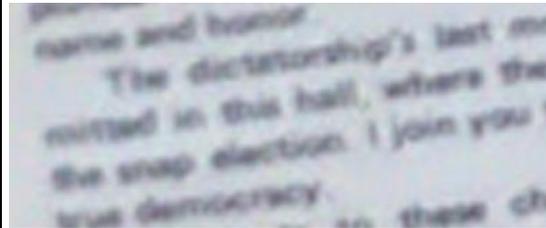
Bicubic with denoising



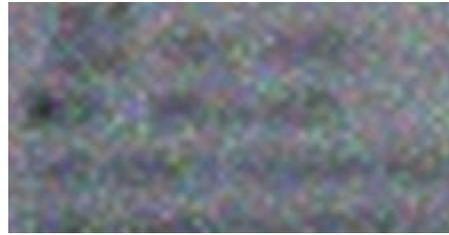
Ground-Truth



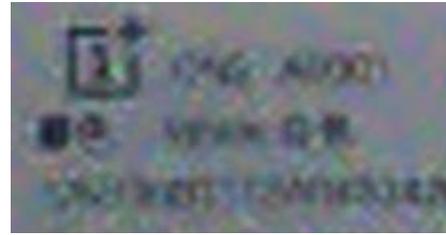
SR method



SR method with denoising



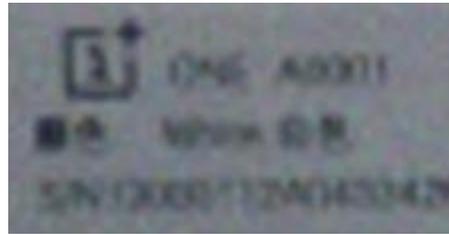
Bicubic



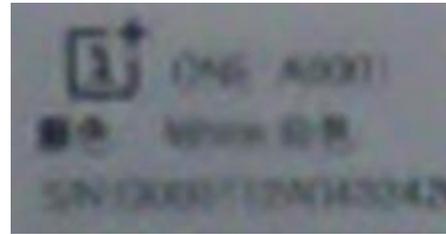
Bicubic with denoising



Ground-Truth



SR method



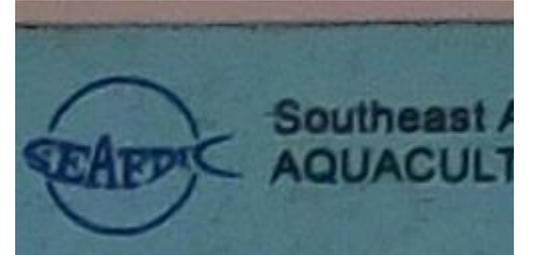
SR method with denoising



Bicubic



Bicubic with denoising



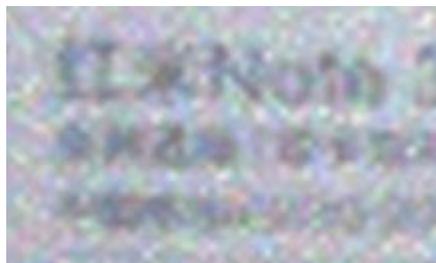
Ground-Truth



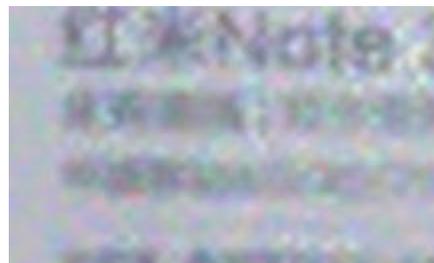
SR method



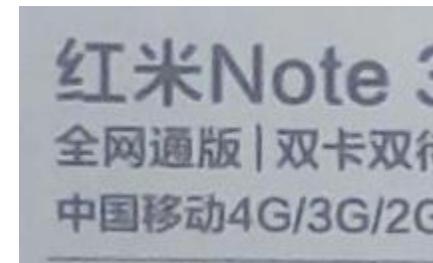
SR method with denoising



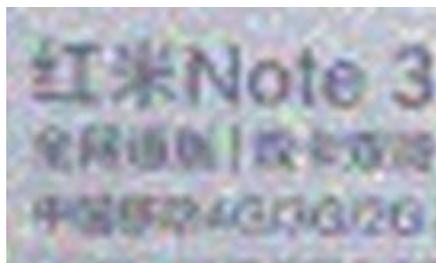
Bicubic



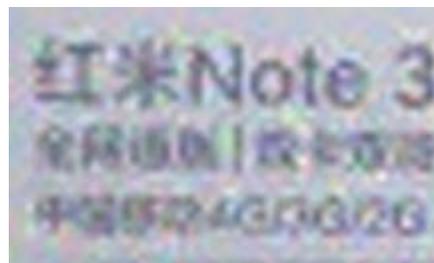
Bicubic with denoising



Ground-Truth



SR method



SR method with denoising