

TABLE VII: Quantitative comparison with SOTA methods on Cityscapes-Rain-100 [36] and Cityscapes-Rain-200 [36] datasets. **Thicker** text indicates the best results. PSNR/SSIM values are calculated on the Y channel in YCbCr color space.

Methods	Venue	100mm [36]		200mm [36]	
		PSNR	SSIM	PSNR	SSIM
Rain	-	21.88	0.756	16.80	0.422
No rain	-	$+\infty$	1	$+\infty$	1
DDN [55]	CVPR'17	29.90	0.945	19.18	0.596
RESCAN [50]	ECCV'18	26.27	0.937	17.66	0.596
JORDER-E [56]	TPAMI'19	33.47	0.977	20.50	0.633
RCDNet [57]	CVPR'20	33.84	0.982	20.55	0.632
RLNet [58]	CVPR'21	37.98	0.992	21.18	0.633
Restormer [16]	CVPR'22	40.66	0.988	37.48	0.980
IDT [21]	TPAMI'22	36.67	0.987	35.05	<b>0.982</b>
DRSformer [20]	CVPR'23	38.06	0.982	35.96	0.973
MFDNet [9]	TIP'24	37.98	0.986	35.22	0.978
GBPG-Net (Ours)	-	<b>41.68</b>	<b>0.992</b>	<b>38.82</b>	0.980