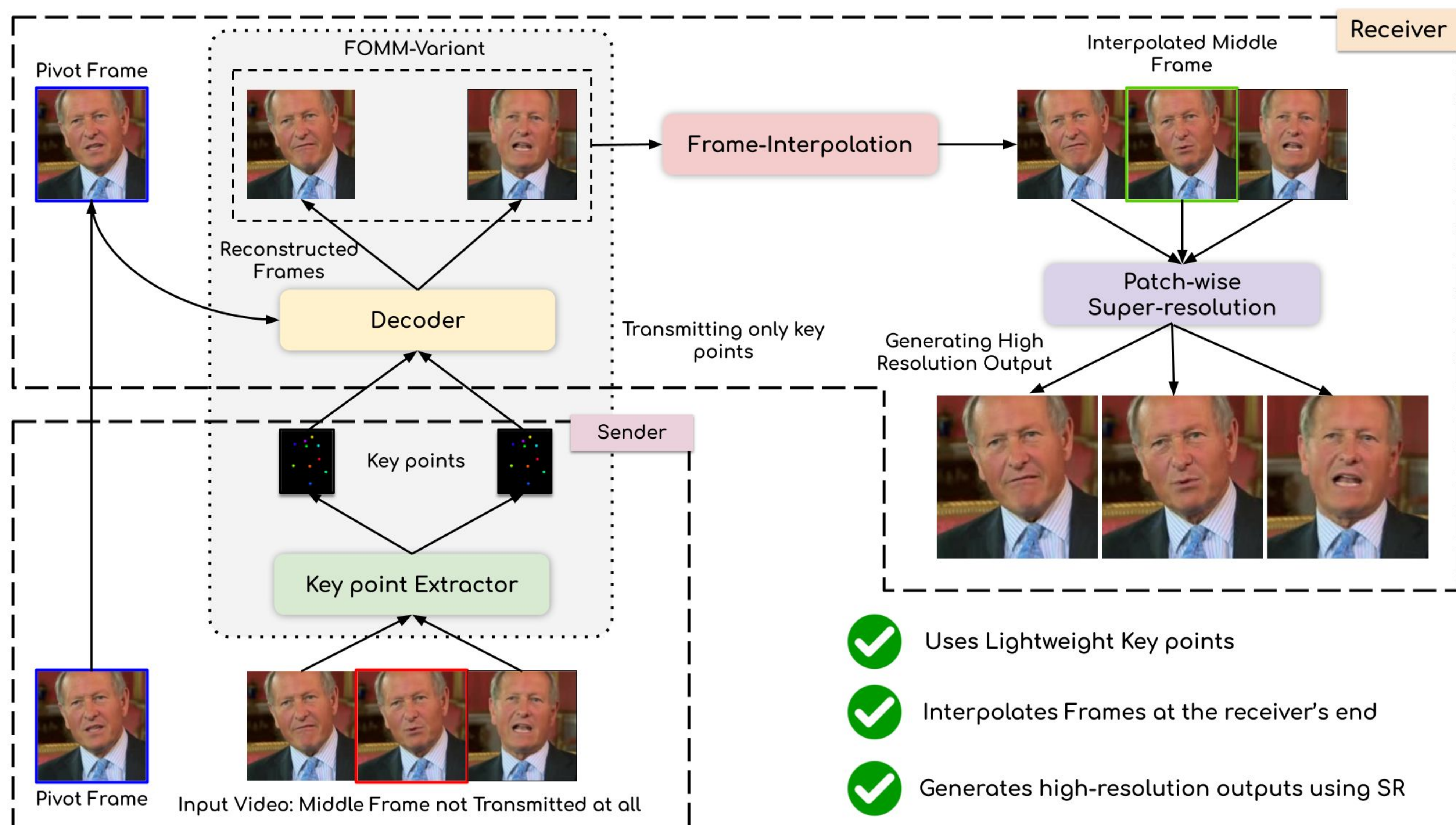
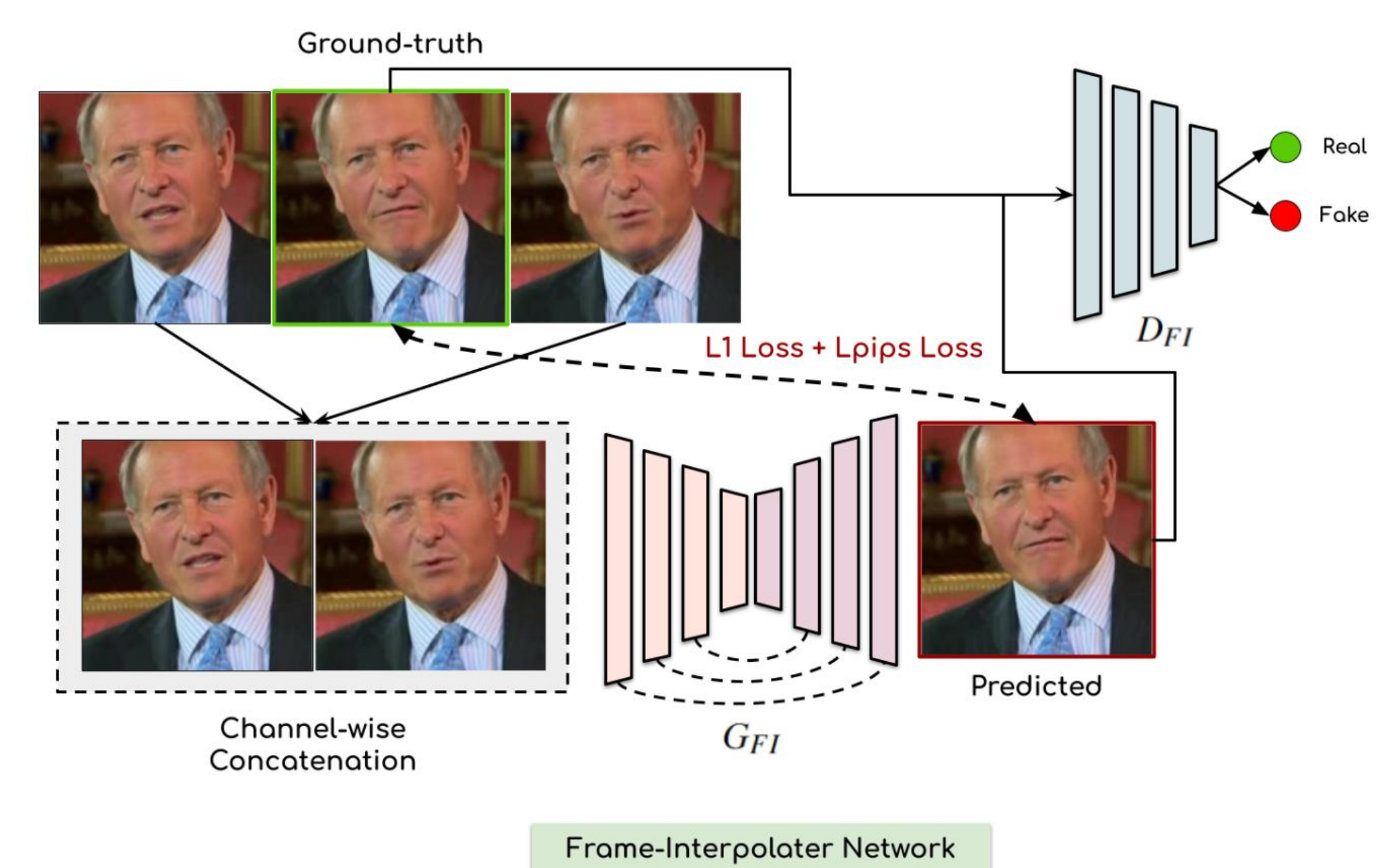


## Overall Pipeline

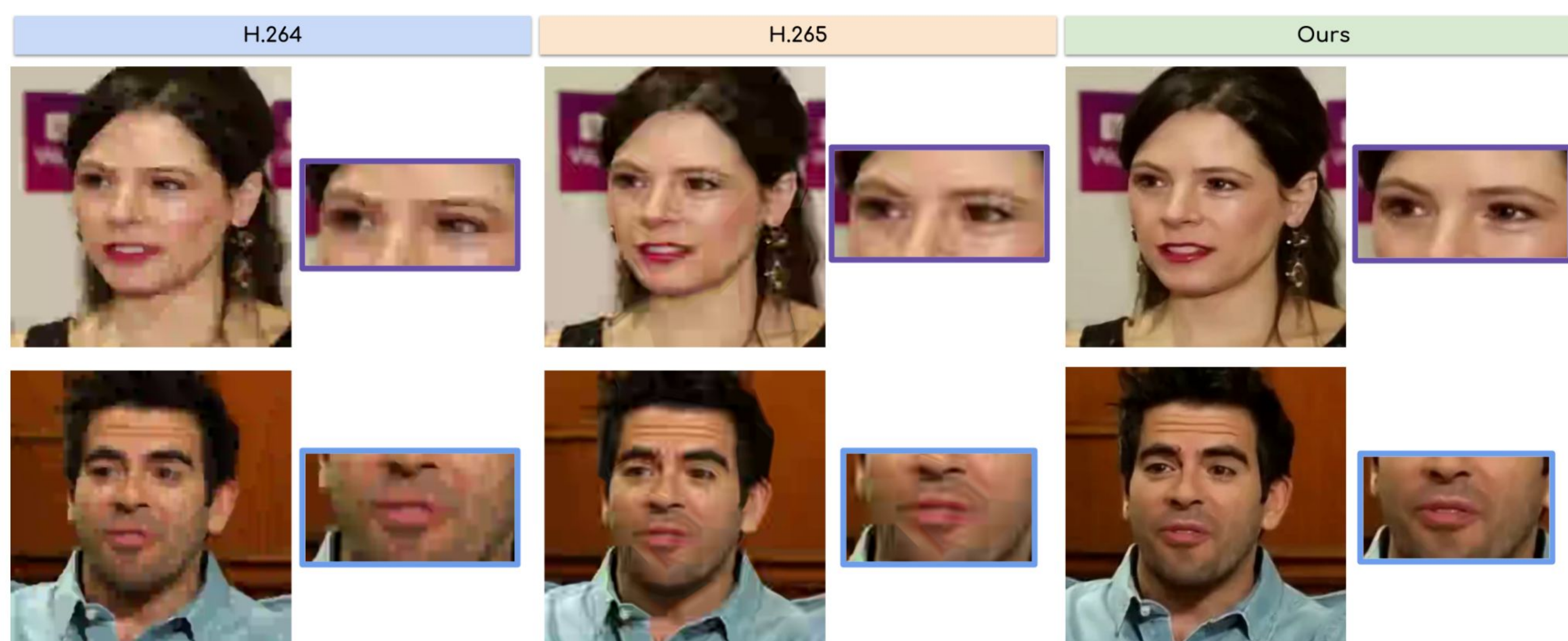


## Frame Interpolation



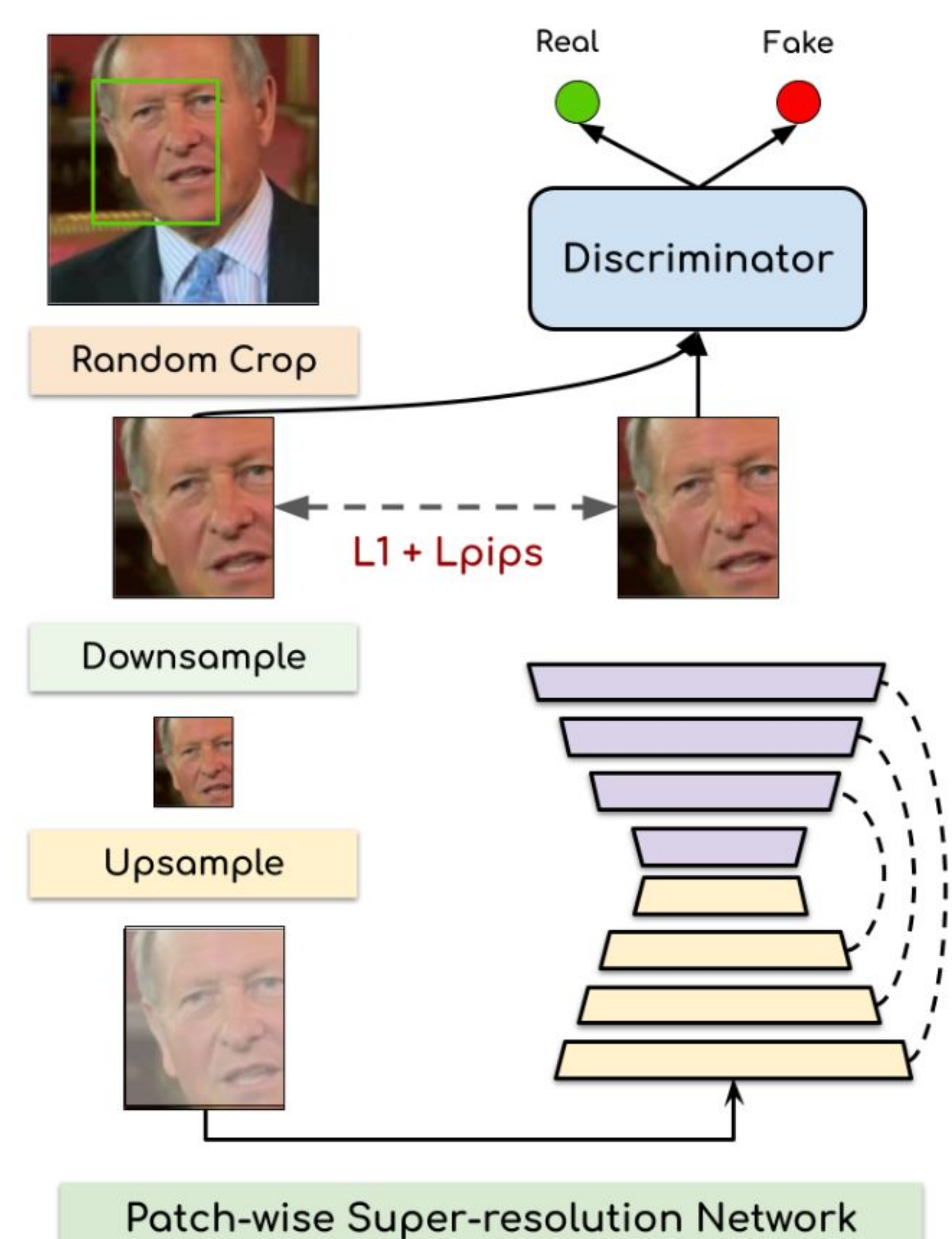
#Int. frames	BPP↓	PSNR↑	SSIM↑	FID↓
0	0.0024	29.28	0.83	9.10
1	0.0012	28.49	0.82	12.42
2	0.0008	28.23	0.81	12.77
3	0.0006	27.73	0.79	12.92

## Comparison with H.264 and H.265

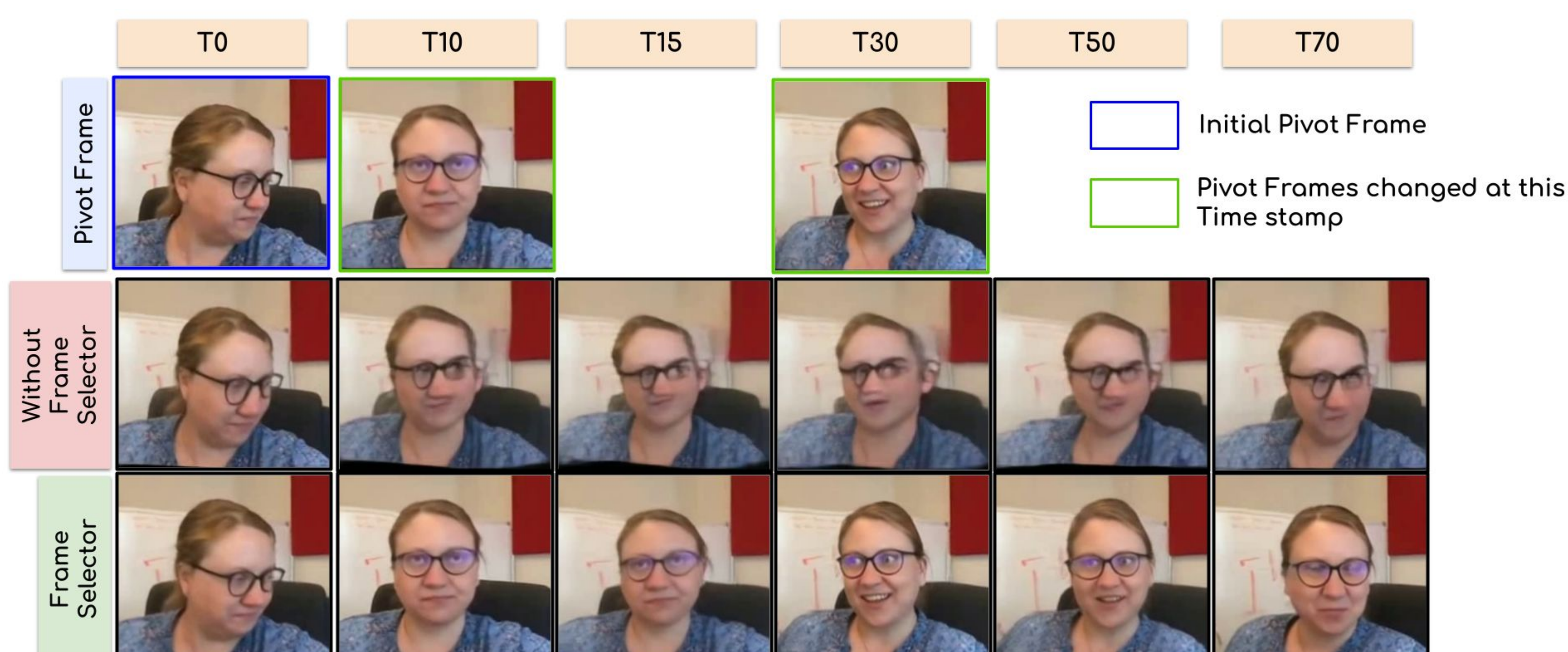
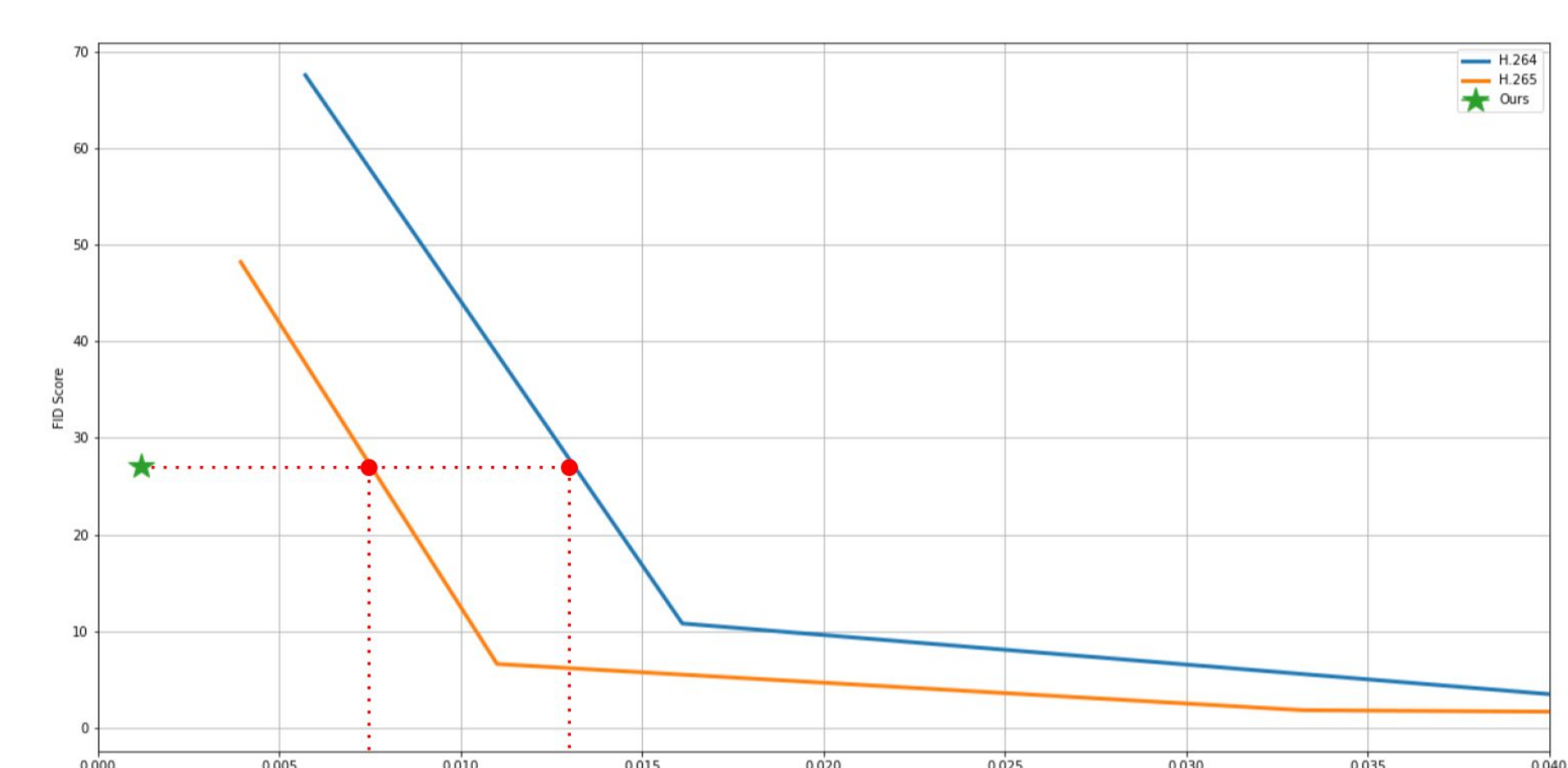


Method	BPP↓	PSNR↑	SSIM↑	FID↓
FOMM [20]	0.029	26.81	0.79	26.81
Face-vid2vid [25]	0.016	24.37	0.80	25.19
H.264 [26]	0.0057	30.25	0.78	67.54
H.265 [1]	0.0039	<b>30.74</b>	0.80	48.20
Key point Only (Ours)	0.0097	24.48	0.78	<b>20.58</b>
Key point + Frame Interpolation (Ours)	0.0048	24.21	0.78	23.03
Key point + Frame Interpolation + SR (Ours)	<b>0.0012</b>	26.73	<b>0.81</b>	27.81

## Super-Resolution



Patch Size	PSNR↑	SSIM↑	FID↓
128 × 128	27.37	0.81	19.12
64 × 64	27.47	0.80	20.16
32 × 32	26.18	0.79	20.89
16 × 16	25.34	0.78	21.17



Webpage

Demo

Contact

