

DH-FaceVid-1K: A Large-Scale High-Quality Dataset for Face Video Generation

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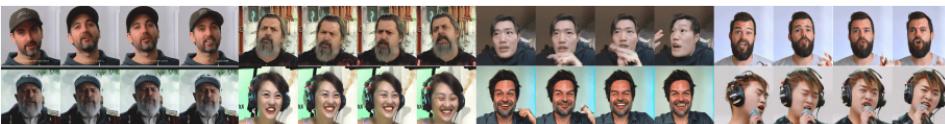
DH-FaceVid-1K Dataset



Ethnic Diversity: Features Asian majority (>80%) while keeping ethnic diversity.
High-Resolution: All videos are $\geq 512 \times 512$, with 25% exceeding 1080p

Multi-modal Annotations: Each sample is paired with speaking audio and text.
Meticulously Curated: Explicitly filtered to common flaws like hand occlusions.

Datasets	#. Samples	Resolution	Duration	Text	Audio
VoxCeleb2	1,092,008	224 \times 224	2400h	X	✓
HDTF	368	512 \times 512+	15.8h	X	✓
TalkingHead-1KH	80,000	512 \times 512	160h	X	✓
CelebV-HQ	35,666	512 \times 512+	68h	✓	✓
CelebV-Text	70,000	512 \times 512+	279h	✓	✓
DH-FaceVid-1K	270,043	512\times512	1200h	✓	✓



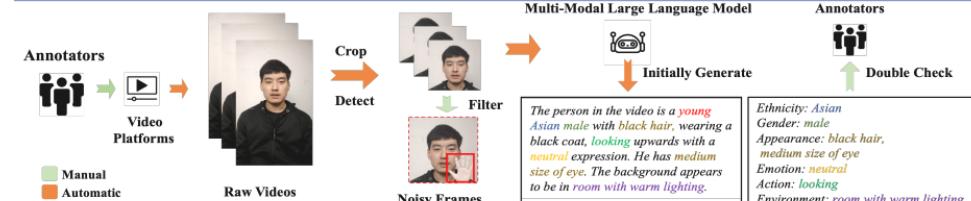
Persistent Artifacts: Generated results still suffer from flaws like deformed hands.

Quantitative Results

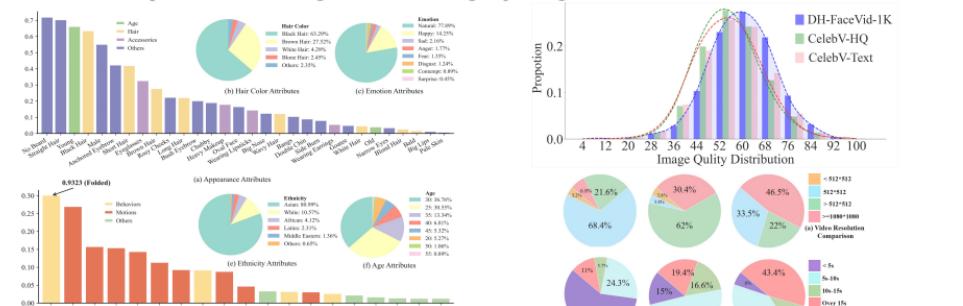
Methods	AnimateDiff [22]	Latte [37]	OpenSora [79]	EasyAnimate [63]	CogVideoX [71]
Datasets	FVD (↓) CLIP (↑)				
HDTF	377.17	58.52	0.3447	175.01	25.89
TalkingHead-1KH	280.57	52.22	0.3368	235.06	28.44
CelebV-HQ	257.61	41.42	0.3406	169.43	25.05
CelebV-Text	218.93	35.22	0.3423	159.52	26.83
DH-FaceVid-1K	176.13	28.69	0.3557	140.01	24.95
					0.3684
				117.88	15.89
				0.3505	113.27
					13.91
					0.3340
					98.01
					11.73
					0.3801

Improved Performance: Attributed to larger data scale and manual noise filtering.

Collection and Attributes



Collection Pipeline: Crowdsourcing data, noise filtering, captioning, & manual checks.



Attribute Distribution: Covering a wide range of ethnicities, ages, and emotions.

Access Dataset



Dataset Access Workflow:

- Scan the QR code to access and agree user agreement.
- Submit the form with your intended use and institutional email.

Await our manual review of your application.

Receive download links via your institutional email upon approval.

Contact us: fenghe021209@gmail.com