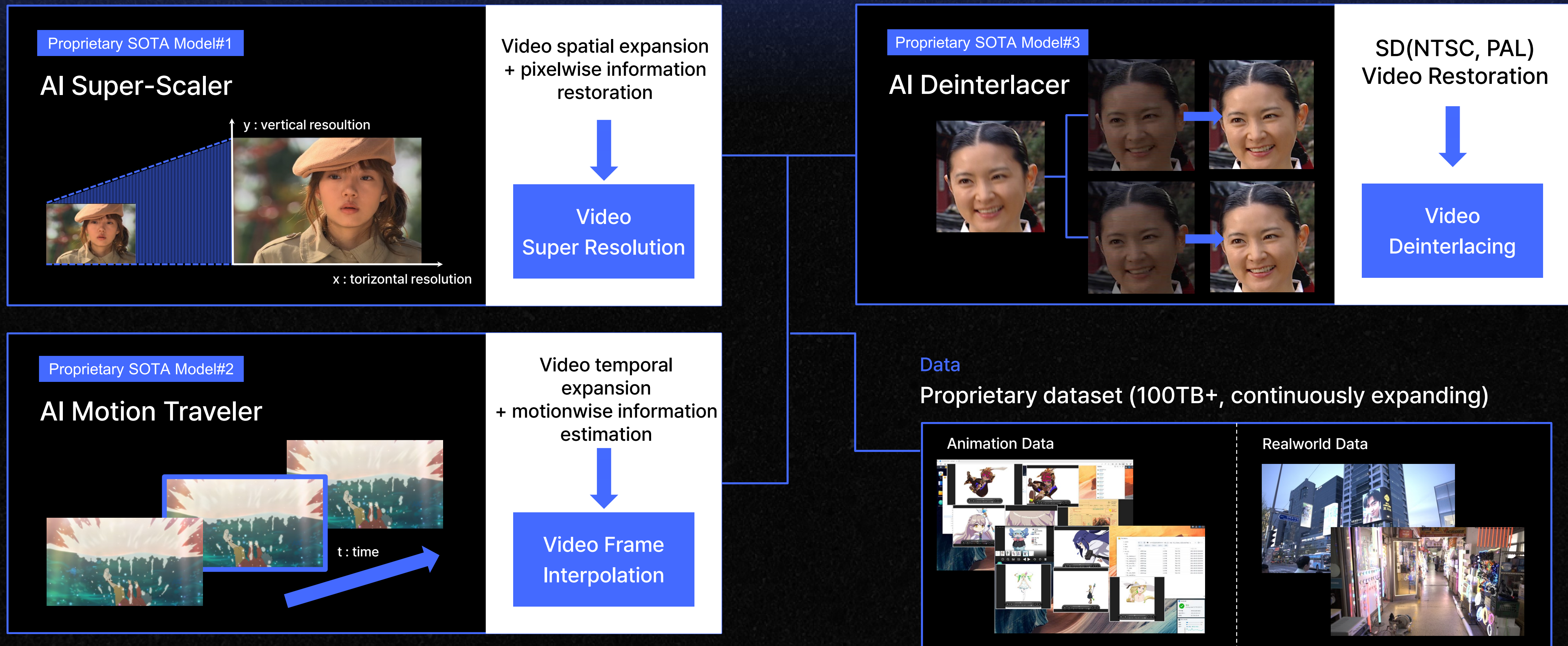


We find perfect solutions
in the shortest time and minimal pixel space

inshorts

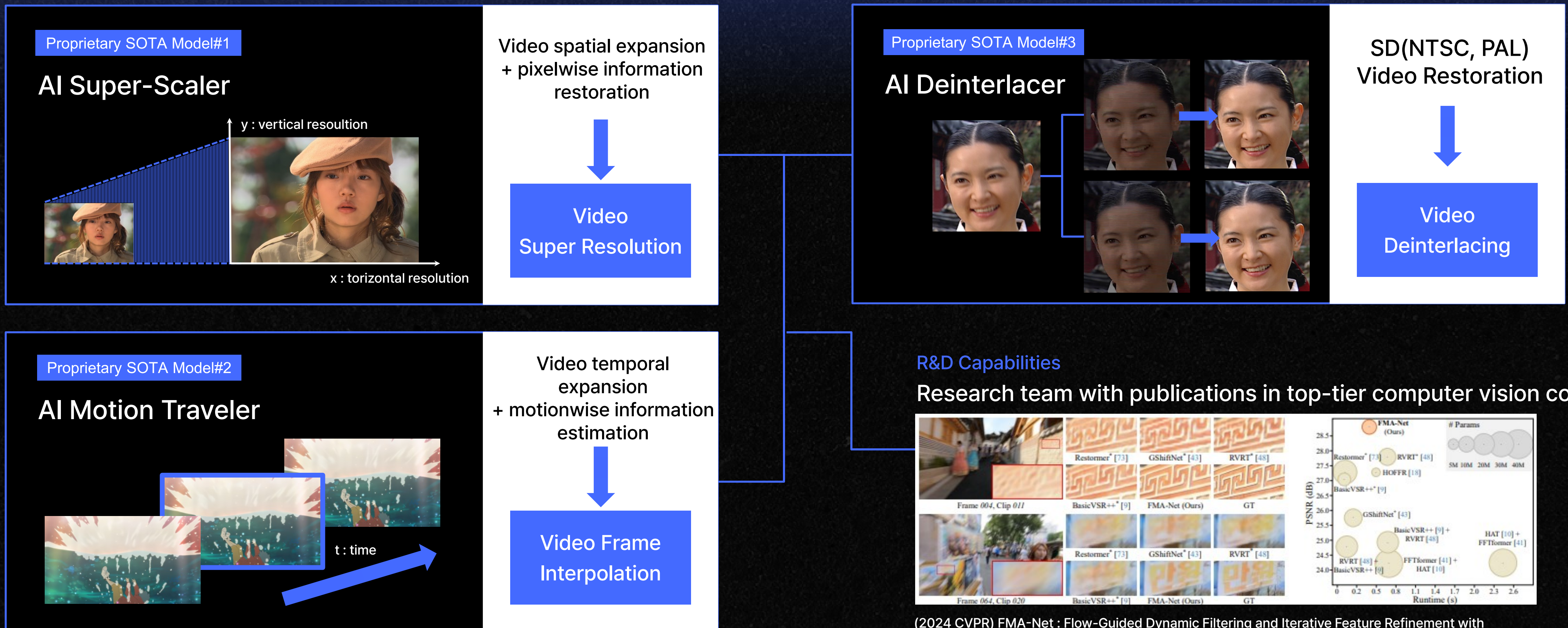
Executive Summary

1 World-class pixel-level video AI, built entirely in-house.
Three core technologies for spatial & temporal video restoration and upscaling



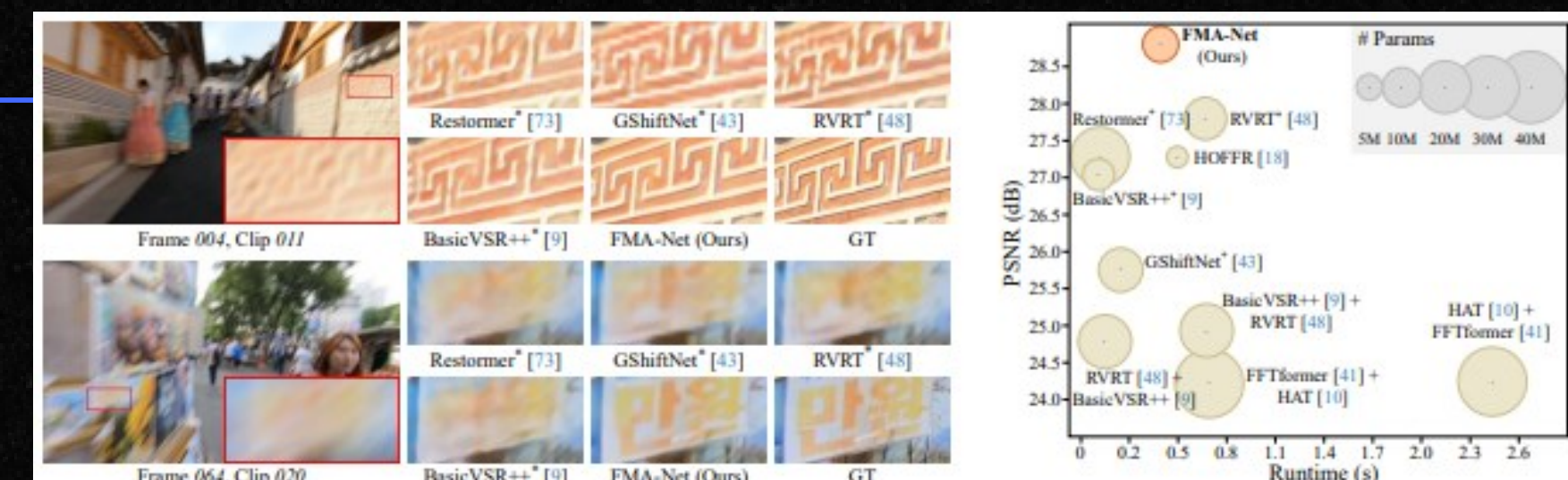
Executive Summary

1 World-class pixel-level video AI, built entirely in-house.
Three core technologies for spatial & temporal video restoration and upscaling



R&D Capabilities

Research team with publications in top-tier computer vision conferences



(2024 CVPR) FMA-Net : Flow-Guided Dynamic Filtering and Iterative Feature Refinement with Multi-Attention for Joint Video Super-Resolution and Deblurring

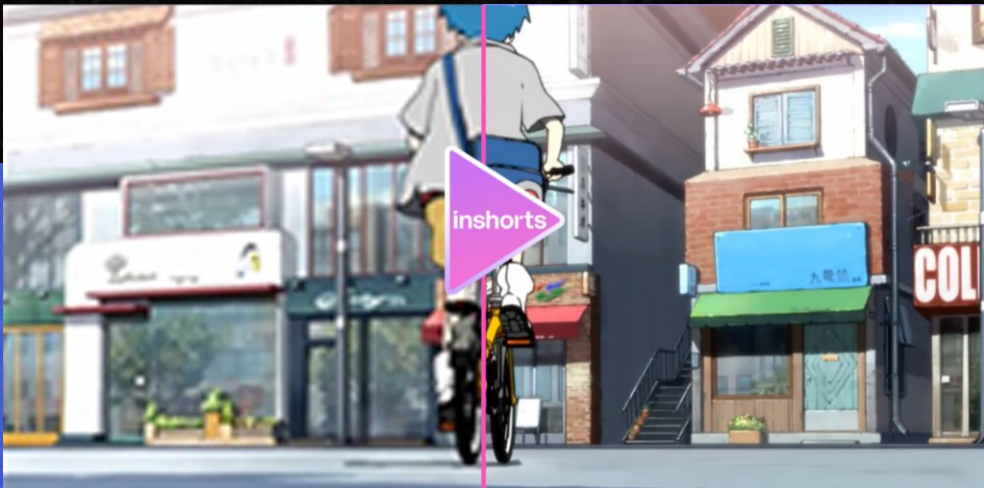
Executive Summary

2 AI Super-Scaler : A premium AI upscaling solution that revitalizes TV series, animations, concerts, films for profitable re-release in today's market



AI Super-Scaler

(Premium level 4K repackaging solution)



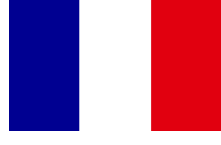
Broadcaster, Content Producer, IP Holder













A simple black and white icon of a globe showing the continents.

A television screen displaying a grid of various streaming service logos, including AMC+, Apple TV+, The CW, Disney+, E!, fubo, HBO Max, Hulu, N, Paramount+, P, Prime Video, Sling, Tubi, and YouTube TV.

A photograph of the interior of a movie theater, showing rows of dark seats facing a large white screen.

AI Super-Scaler

We Give new life to Legacy, Franchise IPs

Pororo – Season2 (SD, 2005)



AI Super-Scaler

We Innovate the "AI Upscaling" Paradigm

Pororo – Season2 (SD, 2005 → 4K, 2024)

AI Quality
Enhancement

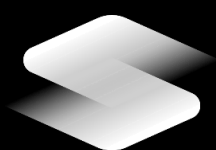




(2009)

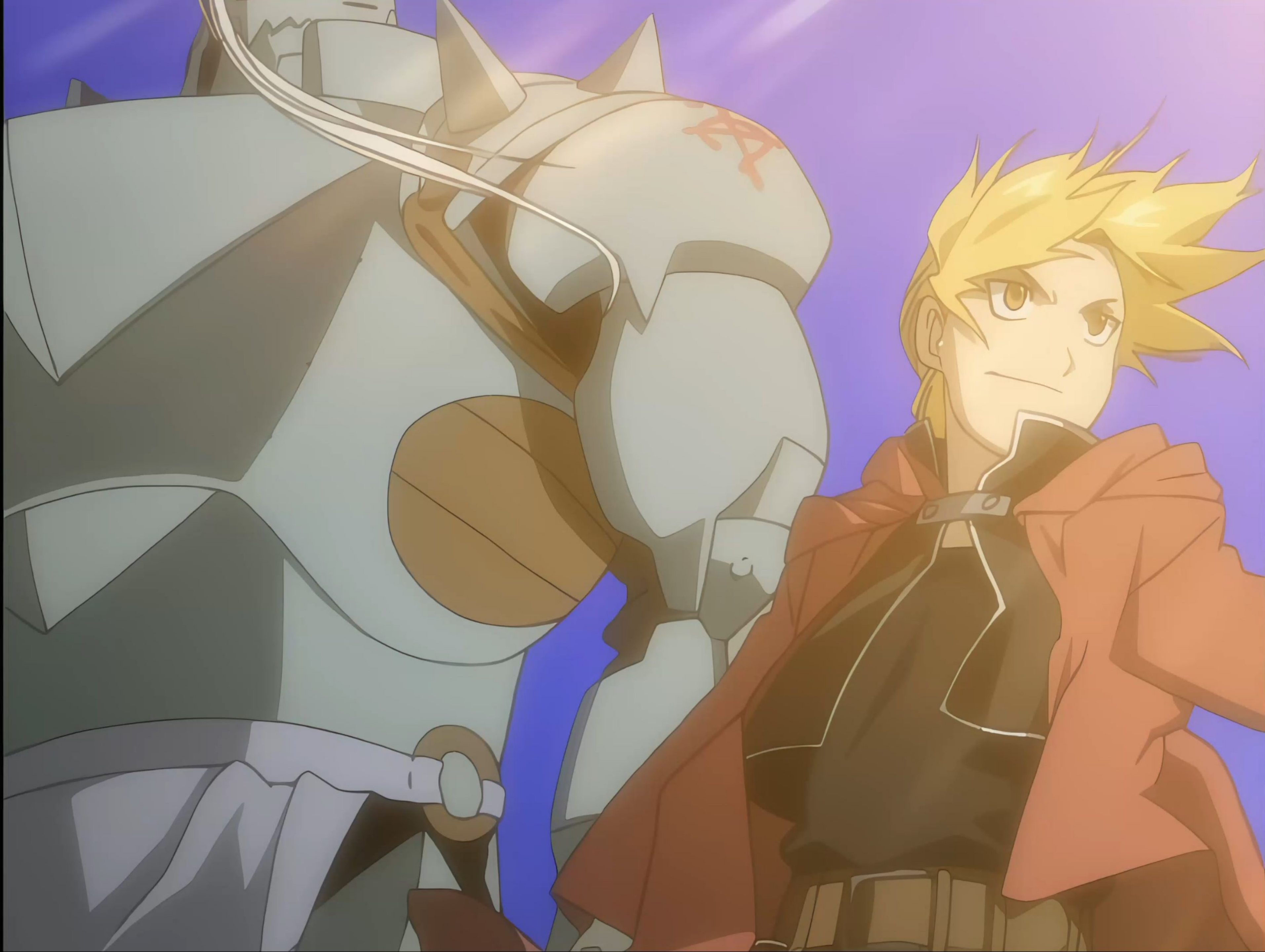


SD 720X480



AI Super Scaler™

4K 3240X2160



Fullmetal Alchemist
(2025, 4K)
2880 × 2160

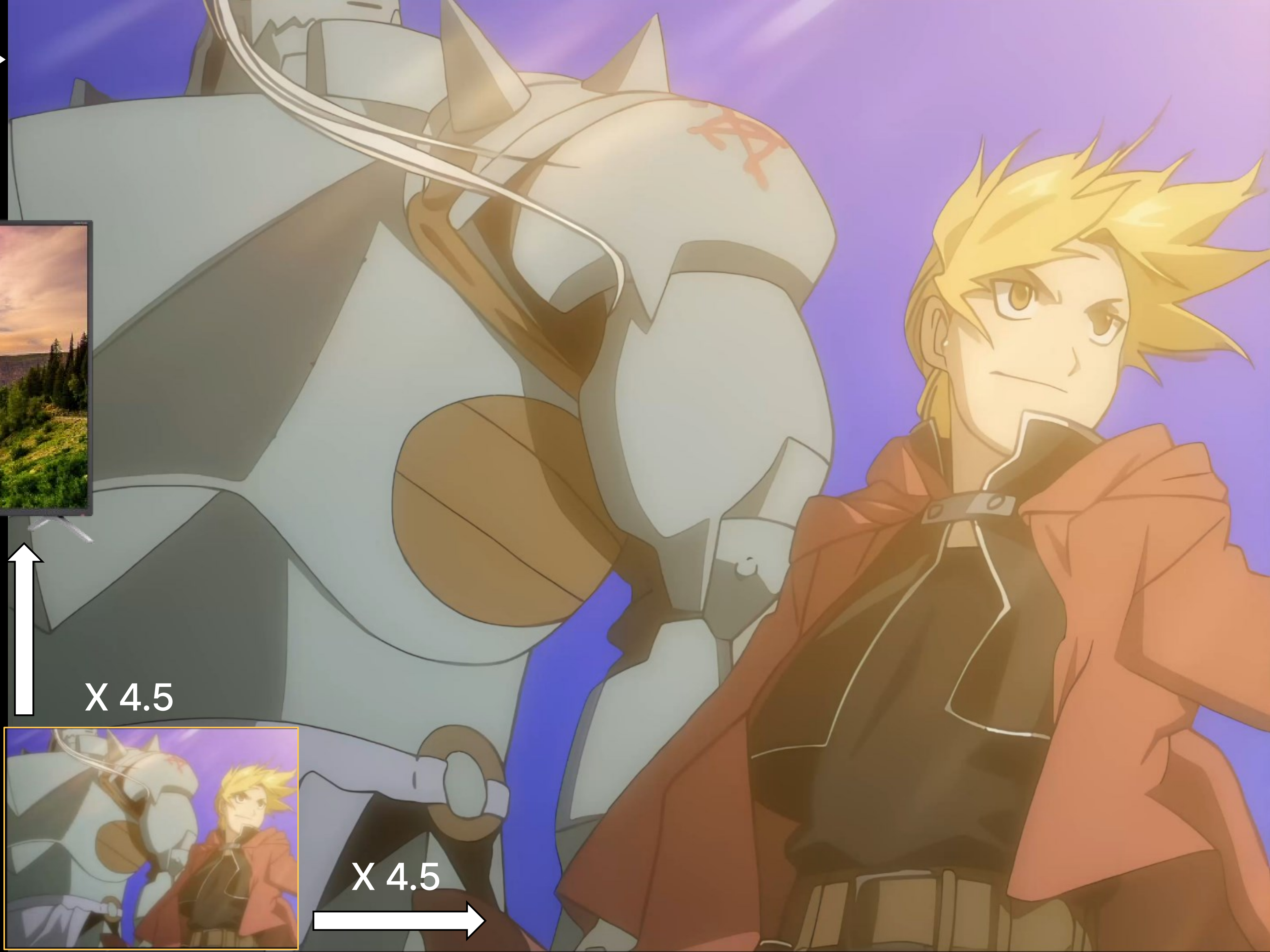
Digital TV



Analog TV



Fullmetal Alchemist
(2009, SD)
640 × 480



X 4.5



X 4.5

Fullmetal Alchemist
(2025, 4K)
3840 × 2160

Digital TV



Analog TV

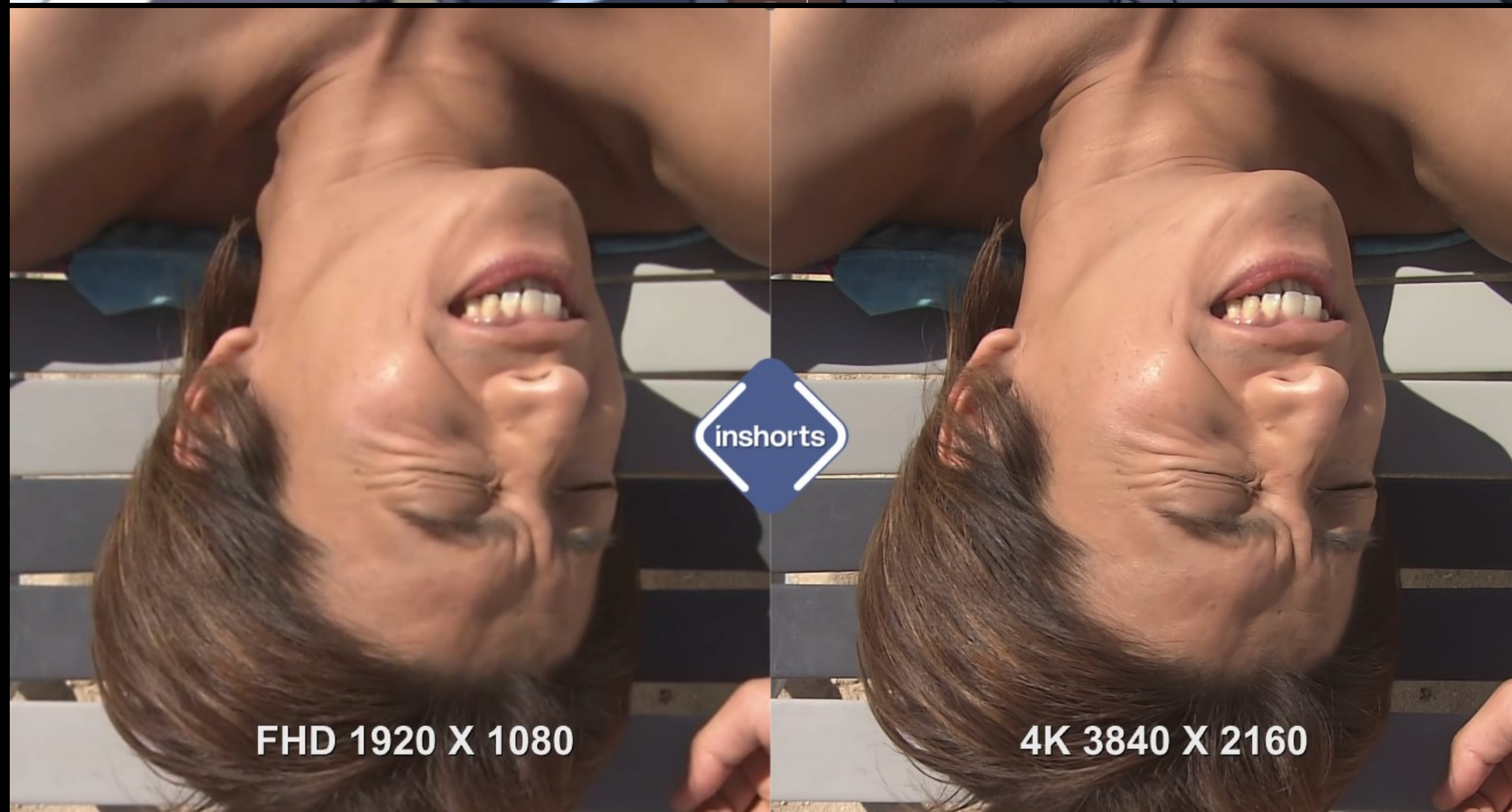


X 6



X 6





▶ [Demo Link](#)

Portfolio

Providing solutions to Korea's and the world's leading IP properties

No.1 K-Pop Artist (Concert Film)

BTS Movie Weeks (2025.9~11)

“ BTS’s the first remastered concert film (Full HD → 4K)”

[Billboard] Article Link

billboard

POP

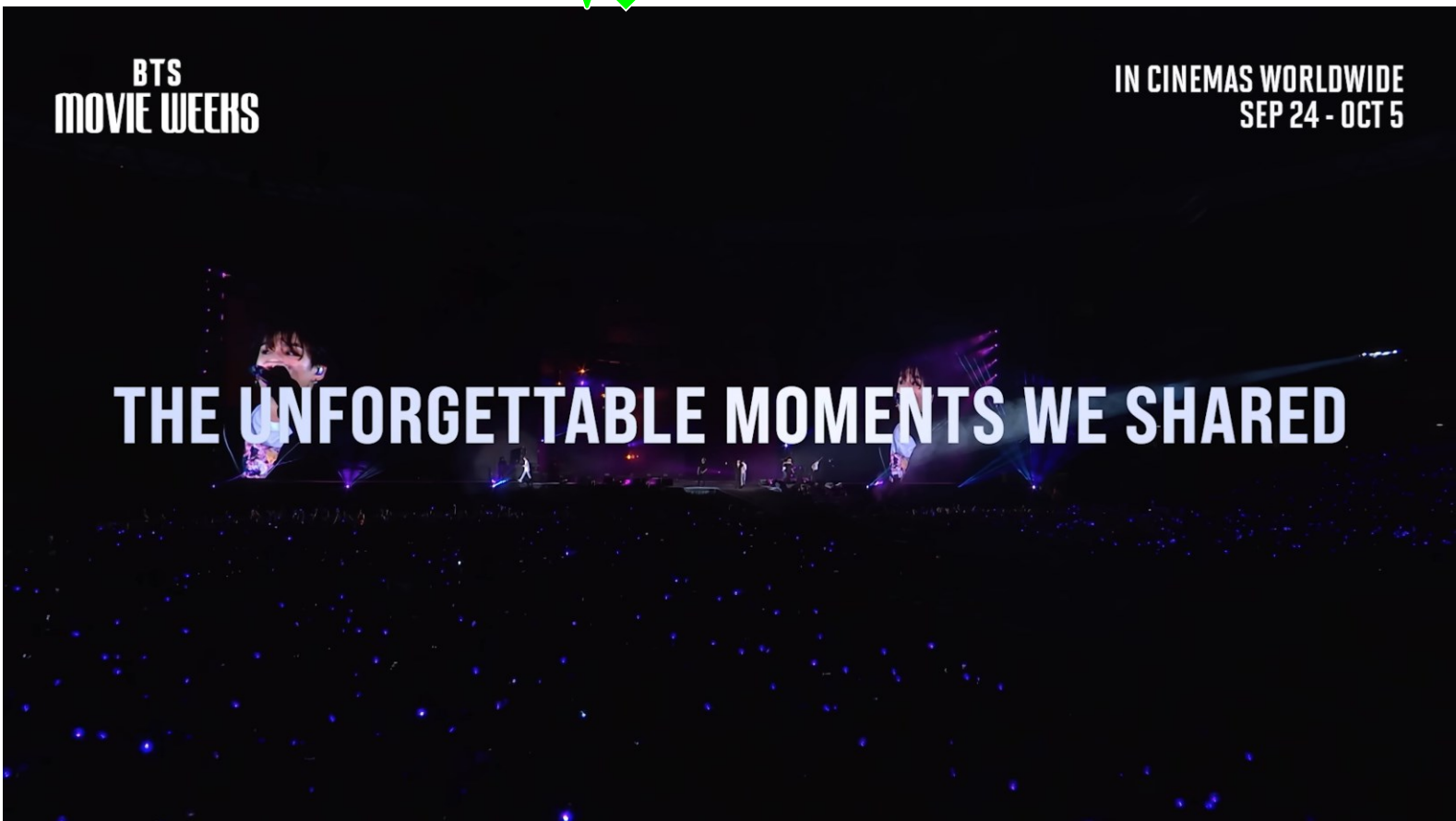
8/20/2025

'BTS MOVIE WEEKS' TO SCREEN FOUR OF K-POP GROUP'S CONCERT FILMS IN 4K ACROSS THE GLOBE

The limited release (Sept. 24-Oct. 5) will unspool in more than 65 countries.

By Gil Kaufman

[YouTube] Trailer Link



⋮

2016 花樣年華 ON STAGE : EPILOGUE

2019 "SPEAK YOURSELF" LONDON

2017 THE WINGS TOUR THE FINAL

2021 MUSTER SOWOZOO

L I G H T I T U P !



BTS

MOVIE WEEKS

REMASTERED IN 4K FOR CINEMAS WORLDWIDE

SEPTEMBER 24 - OCTOBER 5

SCREENING DATES MAY VARY BY REGION

×

Share

🔗

🔍 Barcelona showtimes

Filters

⚙

Sep 24 Wed

Sep 25 Thu

Sep 28 Sun

Oct 01 Wed

Oct 02 Thu

Oct 05 Sun

Nov 01 Sat

Nov 05 Wed

SELECT A MOVIE→

All

BTS 2016 Live The Most Beautiful Moment in Life On Stage: Epilogue

BTS 2017 Live Trilogy EPISODE III THE WINGS TOUR THE FINAL

BTS 2019 WORLD TOUR

⏪

⏩

Select a showtime

⋮

📖



Arenas Multicines 3D

Gran Vía 385, Barcelona • 2.1km

➔

2D

BTS 2016 LIVE THE MOST BEAUTIFUL MOMENT IN LIFE ON STAGE: EPILOGUE

5:25 PM

[\[BTS MOVIE WEEKS\] Official Ticketing Page Link](#)



Cinesa Diagonal

Carrer de Santa Fe de Nou Mèxic s/n, Barcelona • 2.9km

➔

2D

BTS 2016 LIVE THE MOST BEAUTIFUL MOMENT IN LIFE ON STAGE: EPILOGUE

4:30 PM



Cinesa Diagonal Mar

Centro comercial Diagonal Mar, Barcelona • 4.6km

➔

2D

BTS 2016 LIVE THE MOST BEAUTIFUL MOMENT IN LIFE ON STAGE: EPILOGUE

≡

2016 花樣年華 ON STAGE : EPILOGUE

2019 "SPEAK YOURSELF" LONDON

LIGHT IT UP!



2017 THE WINGS TOUR THE FINAL

2021 MUSTER SOWOOZOO

BTS

MOVIE WEEKS

REMASTERED IN 4K FOR CINEMAS WORLDWIDE

SEPTEMBER 24 - OCTOBER 5

SCREENING DATES MAY VARY BY REGION

×

Share

🔗

🔍

London

showtimes

Filters

⚙️

Sep 24 Wed

Sep 25 Thu

Sep 27 Sat

Sep 28 Sun

Oct 01 Wed

Oct 02 Thu

Oct 04 Sat

Oct 05 Sun

SELECT A MOVIE→

All

BTS 2016 Live The Most Beautiful Moment in Life On Stage: Epilogue

BTS 2017 Live Trilogy EPISODE III THE WINGS TOUR THE FINAL

BTS 2019 WORLD TOUR

⏪

⏩

Select a showtime

⋮

📖

vue

Vue - London West End (Leicester Square)

Leicester Square, London • 0.5km

➔

2D

BTS 2016 LIVE THE MOST BEAUTIFUL MOMENT IN LIFE ON STAGE: EPILOGUE

7:15 PM

[\[BTS MOVIE WEEKS\] Official Ticketing Page Link](#)

vue

Vue - London Islington (Angel Central)

Angel Central, Islington • 3.4km

➔

2D

BTS 2016 LIVE THE MOST BEAUTIFUL MOMENT IN LIFE ON STAGE: EPILOGUE

7:15 PM

ODEON

ODEON Camden

14 The Parkway, London • 3.8km

➔

2D

BTS 2016 LIVE THE MOST BEAUTIFUL MOMENT IN LIFE ON STAGE: EPILOGUE

Korea's Legendary Film Director (Film)

Director Bong Joon-ho

- Oscar Winning Director - <Parasite>
- Providing AI Super-scaler for the director's debut work (SD → 4K)



MEGABOX
LIFE THEATER™



[Article Link]
[Megabox launch a short film brand "Short Film" and select Bong Joon-ho's early film](#)

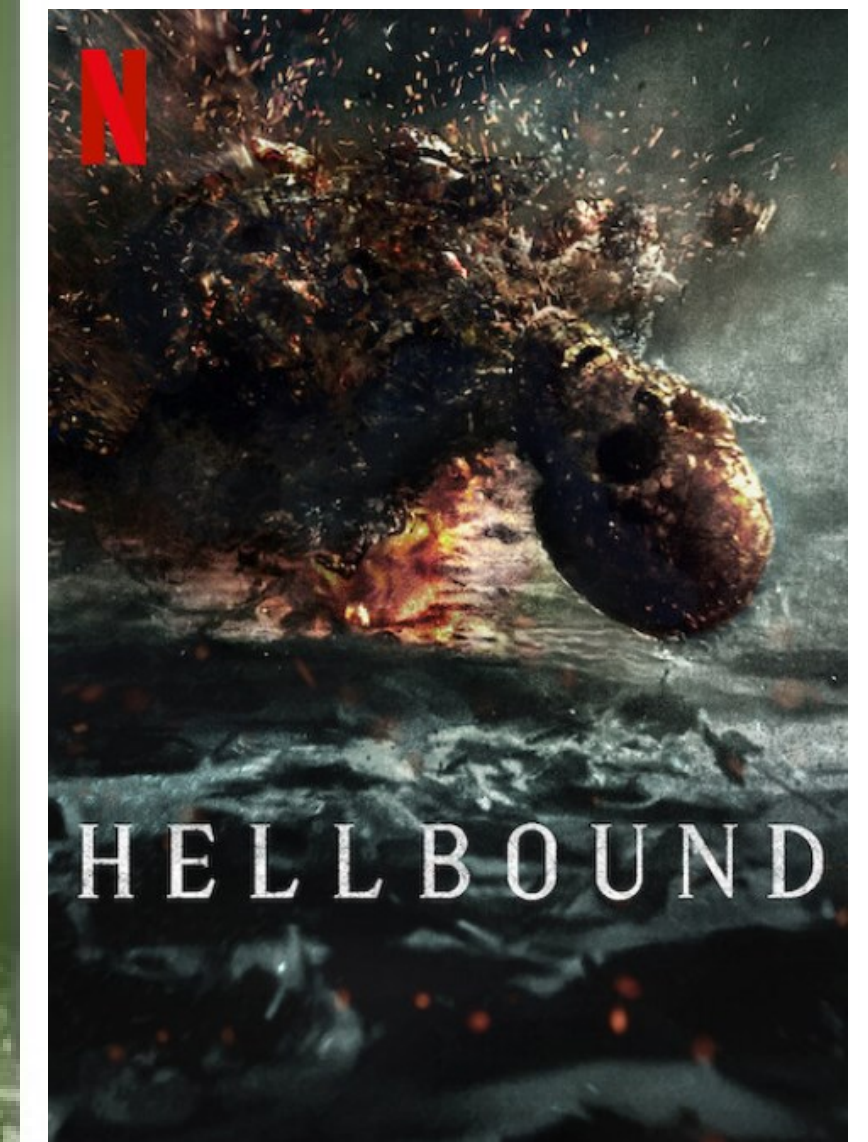
Globally Acclaimed Korean Filmmaker (Film)

Director Yeon Sang-ho

- Director of Netflix series <Hellbound>
- Providing AI Super-Scaler for the director's original animation (SD → 4K)



MEGABOX
LIFE THEATER™

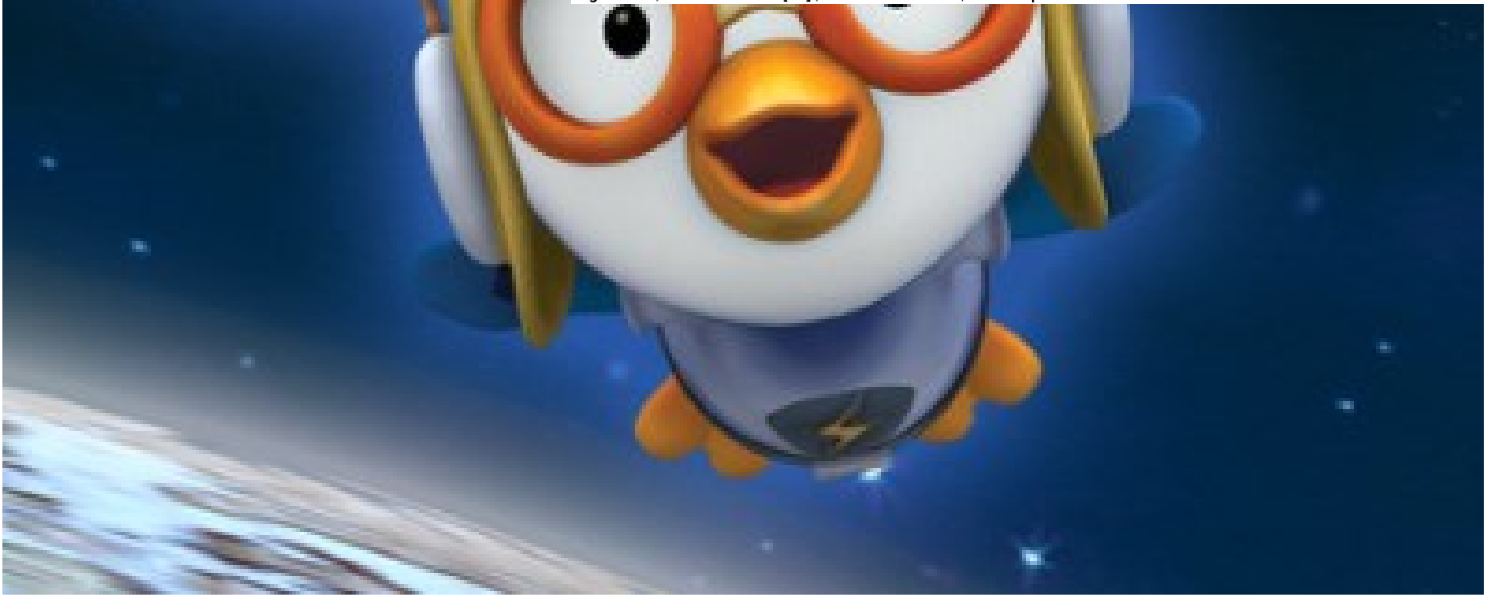


Korea’s No.1 Kids Animation (TV Series)

Pororo #Season 2 (2005)



[YouTube Link] Pororo Season2 4K



Korea’s No.1 Theatrical Animation (Film)

Leafie, A Hen into the Wild (2011)



- BTS

: AI Super-Scaler powered BTS Movie Weeks —
four 4K concert films released in over 2,000 theaters worldwide,
including right here in Spain and across Europe.

- Bong Joon-Ho

: our remaster of his early short film attracted 5,000 paying viewers,
which is remarkable for a 30-minute piece.

- Korean top animation IPs like Leafie and Pororo

: after refinement, they brought in tens of thousands of new audiences.

Legendary Japanese Anime

Animation TV Series (SD → 4K)

- Anime Flagship Project (Scheduled for Global Release in 2027)



The Super-Scaler Advantages

Key Competitive Advantages in the Marketplace

	AI Super-Scaler Solution	Other Upscale Solution
Target	Premium Content Legacy & High Value Titles	General Use
Quality	4K Broadcast & Cinema Grade for Premium Content	Fast Processing, B2C Oriented Tool
Processing	Dedicated High Performance GPU Cluster	Using Lightweight Computing
QC Service	Professional Quality Assurance System	None

The Team

CEO bridging tech & business | CAIO, world-class CV expert
3 industry veterans (20+ yrs) | 4 elite developers



CEO

Andy Lee

- Yonsei Univ. – Electrical Engineering (entrance),
Korean Language & Literature (grad.)
- 20+ years of content creator & 16+ years of media & startup experience
 - **KOCCA** (government agency, focusing on supporting content startups)
 - **Smilegate** (game conglomerate, focusing on startup accelerating)
 - **CJ ENM** (broadcasting conglomerate, focusing on start-up Investment)
- Business planning, technical planning, and execution capability



CAIO

Ji-Hyeong Oh

- KAIST Bachelor, Master, PhD
- Published multiple SOTA models in low-level vision AI
- 9 publications in top-tier CV conference (CVPR, ICCV, ECCV, AAAI)
- CVPR 2024 Oral (top 0.78%)

AI Dev

- AI R&D team: 3 out of 4 members hold Master's or PhD in Computer Vision
- Publications in top-tier conferences (e.g., CVPR 2024)



COO

Jung-Jin Hong

- 18+ years as a content producer, with distribution in 100+ countries
- 2-time International Emmy Award nominee (2016, 2020)
- Extensive global network across animation



Biz Dev

Jimmy Hwang

- 26+ years as an IP business leader
- Formerly with Daewon Media, OnMedia, CJ ENM, Daekyo TV
- 20+ years of expertise in Japanese IP acquisitions
- Brought "Sergeant Keroro", "Jujutsu Kaisen 0" to Korea

✦ We revitalize the world's treasured content,
making the entertainment industry more promising. ✦

inshorts

CEO Andy Lee

andy.lee@inshorts.ai

Technology Superiority

Interpolative AI thar provides optimal solution – AI Super-Scaler

World Top-Tier Computer Vision AI Conference CVPR 2024 Oral Presentation (Top 0.78%)

Achieved state-of-the-art (SOTA) performance at CVPR 2024

FMA-Net: Flow-Guided Dynamic Filtering and Iterative Feature Refinement with Multi-Attention for Joint Video Super-Resolution and Deblurring

Geunhyuk Youk¹ Jihyong Oh^{1,2} Munchul Kim¹

¹Co-corresponding authors

¹Korea Advanced Institute of Science and Technology, South Korea

²Chung-Ang University, South Korea

CVPR 2024 Oral

[Paper](#) [arXiv](#) [Video](#) [Code](#)

Demo



▲ Top 0.78%, Oral Paper

AIS: Vision, Graphics and AI for Streaming

CVPR 2024 Workshop

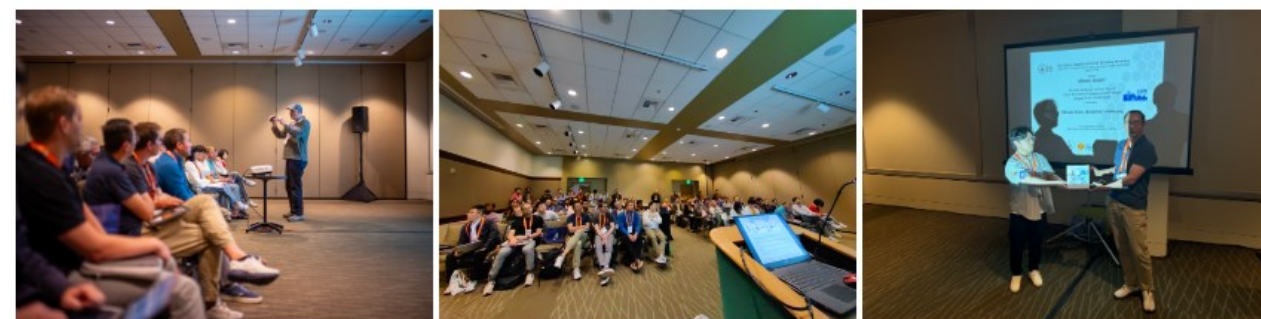
Arch 3A, 17th June 2024, Full-Day



Overview

Welcome to the 1st Workshop on AI for Streaming at CVPR! This workshop focuses on unifying new streaming technologies, computer graphics, and computer vision, from the modern deep learning point of view. Streaming is a huge industry where hundreds of millions of users demand everyday high-quality content on different platforms. Computer vision and deep learning have emerged as revolutionary forces for rendering content, image and video compression, enhancement, and quality assessment. From neural codecs for efficient compression to deep learning-based video enhancement and quality assessment, these advanced techniques are setting new standards for streaming quality and efficiency. Moreover, novel neural representations also pose new challenges and opportunities in rendering streamable content, and allowing to redefine computer graphics pipelines and visual content.

[Awards Certificates](#) || [\(AI\) Paper Proceedings](#) || [Photo Gallery & Slides](#)



▲ Invited to present at a CVPR workshop co-hosted by researchers from Meta, Google DeepMind, and Netflix (June 2024)

Summary of content

The workshop covers a wide variety of streaming-related content, from event-based eye tracking for VR applications, to video super-resolution and neural compression. We had the opportunity to hear from leading experts and creators of popular AI models such as [BasicVSR](#) and [VideoGigaGAN](#).

- [Prof. Alan Bovik](#) (University of Texas at Austin): “On the Visual Quality of Pictures, Games, and GenAI”
- [Lucas Theis](#) (Google DeepMind): “Neural Compression & Realism”
- [Ryan Lei](#) (Sr. Video Codec Specialist, M): “Video Compression”
- [Kelvin C.K. Chan](#) (Google DeepMind): “Video Compression & Learning”
- [Christos Bampis](#) (Netflix): “Deploying n: Video Compression & downscaling: Why and How”
- [Yiran Xu](#) (University of Maryland, Adol): “Detail-rich Video Super-Resolution”
- [Jihyong Oh](#) (Chung-Ang University): “FMA-Net for Joint Video Super-Resolution and Deblurring” & “eXtreme Video Frame Interpolation”
- [Qinyu Chen](#) (Leiden University): “Event-based Eye-Tracking”



Competitive Advantage – 1. Proprietary AI Models

- Develops and Utilizes a Video AI Model Optimized for 4K Resolution
- Revitalizes Content with a Proprietary Model and Dataset

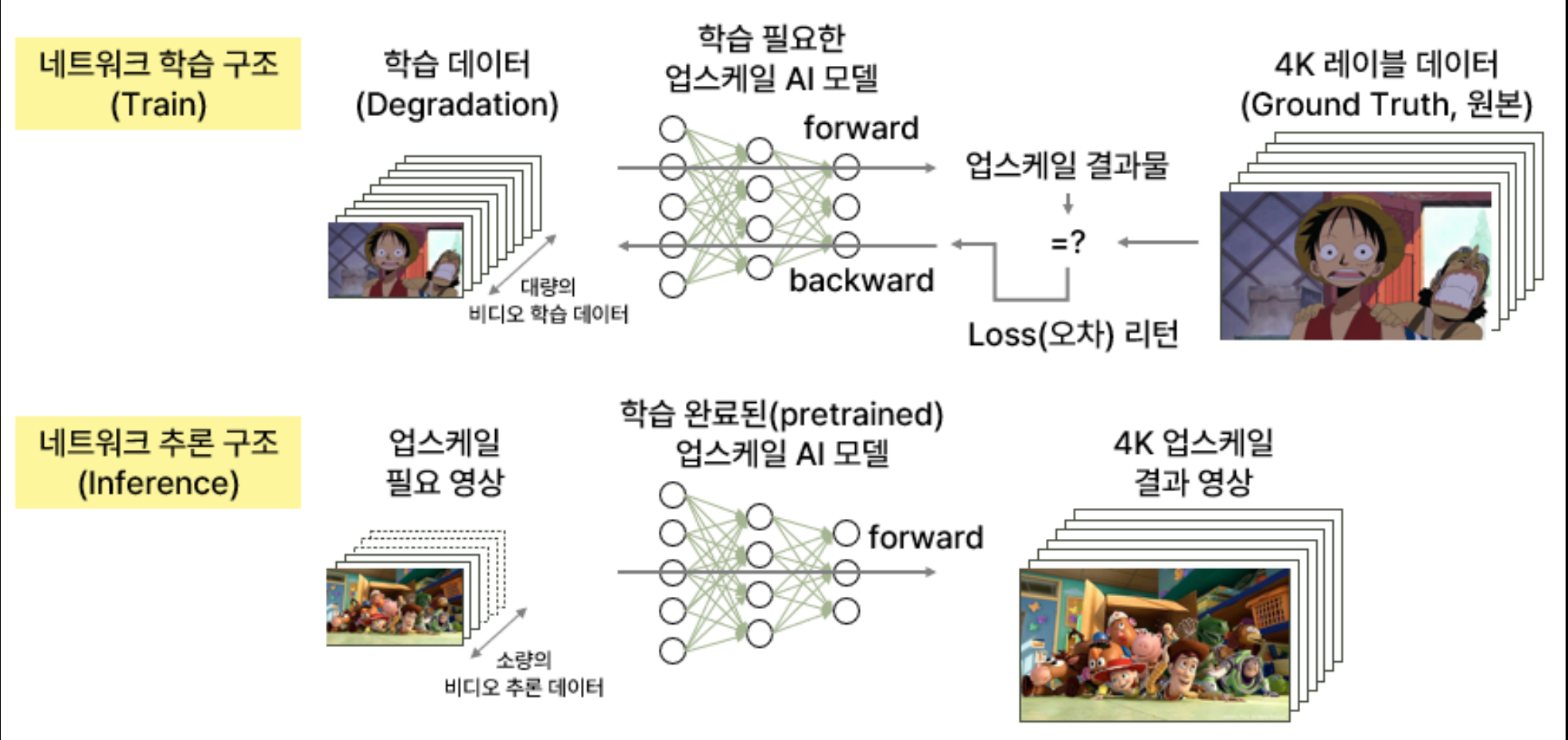
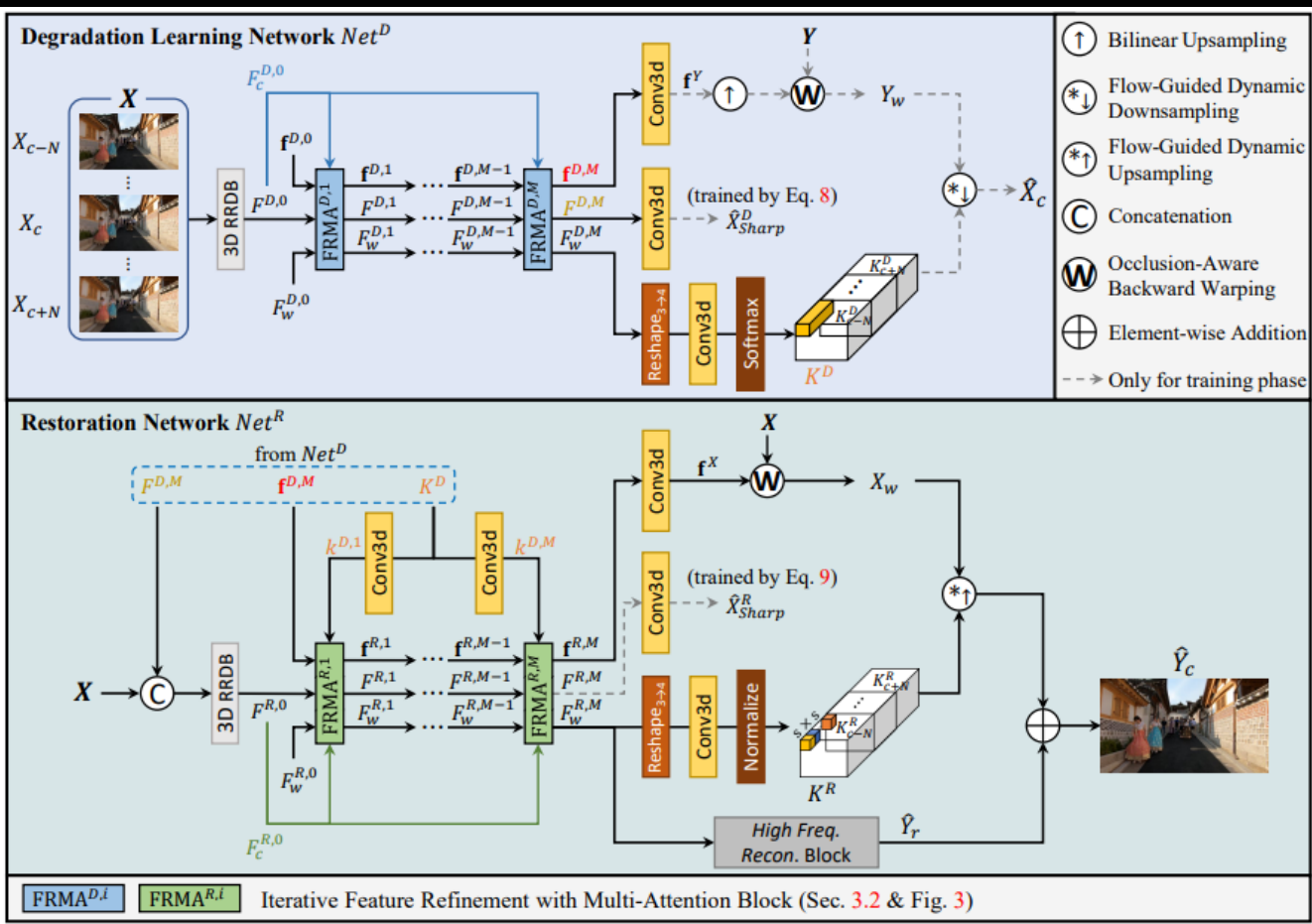
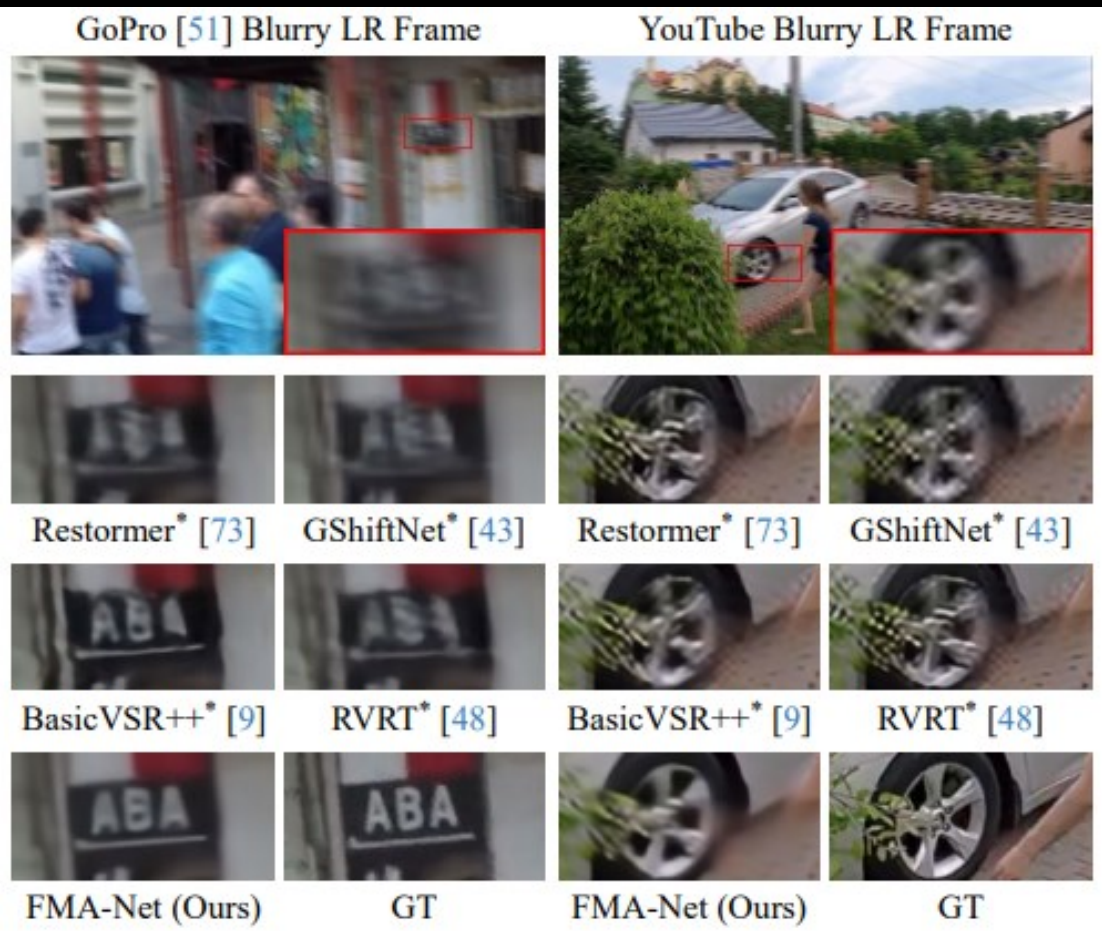
(SD to 4K)

3. [Model] Video Super Resolution (2024 CVPR oral presented model)

(Model) SOTA VSR Model Optimized for High-End Premium Videos
Baseline + Multiple Flow Refinement

(Training Scheme) Degradation Architecture

Enhancements through integration with deblurring and denoising networks and repeated experimentation



Competitive Advantage – 2. Own Datasets & Dedicated Infrastructure

- Develops and Utilizes a Video AI Model Optimized for 4K Resolution
- Revitalizes Content with a Proprietary Model and Dataset

(Data)
[Own Dataset for AI Training]

Own Dataset

- Genre-specific data collection (2D, 3D animation, live-action video)
- Securing original data for 2D and stop-motion animation

