

# HYUNDAI ImageQuest

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## Fit Engine



*Detail than ever before*

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## Why Fit Engine?

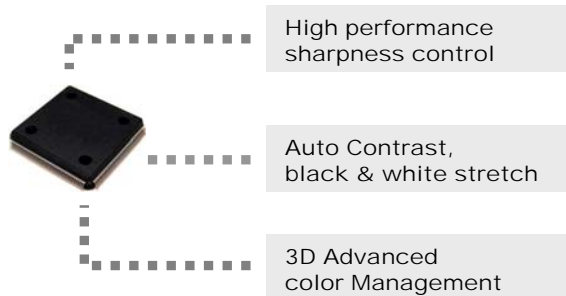
Fit (Fine Imaging Technology) engine uses a proprietary color management technology that makes it possible to produce images that are closer than ever to nature.

Now you can experience more lively , clearly and brightly images with Hyundai ImageQuest' Fit Engine.



Fit ON

Conventional

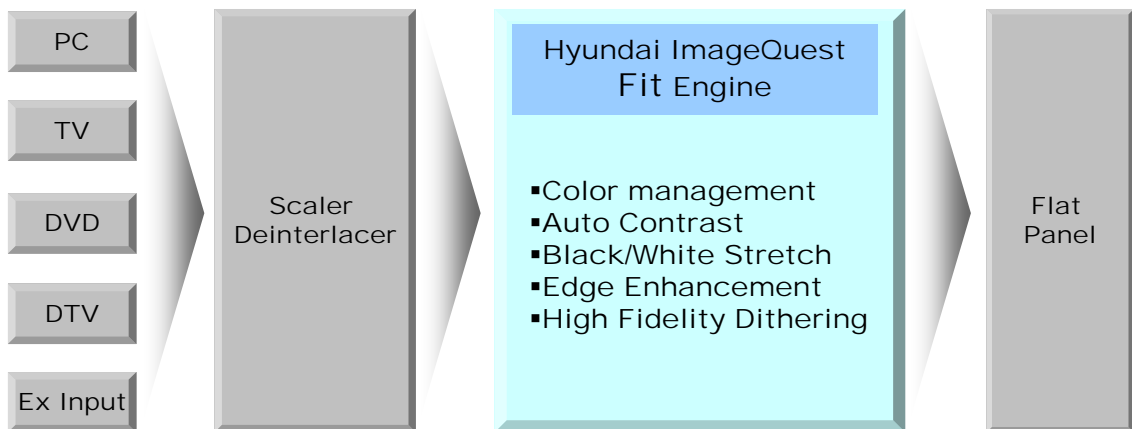


## What's Fit Engine?

Fit engine provides optimum multi source processing for perfect digital image . The input signal passes through a series of three advanced process that forms the core of the Fit engine technology.

### [Key Features]

- Full digital control for image enhancement.
- High resolution and high speed processing.
- High fidelity and conspicuous image generation 3D color management.
- High performance sharpness control.
- Automatic tone correction, black/white stretch.
- High fidelity original dithering.



[ Fit Engine System Configuration ]

# High performance sharpness control

Fit engine applies to luminance edge enhancement to any input image (SD level , DVD or low resolution and analog media ) to create a sharper display. The resulting image is displayed more definitely and clearly.



Conventional



Fit ON

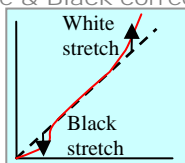
# Auto Contrast, black & white stretch

Fit engine measures image luminance and uses the results to expand the luminance range or increase the luminance of dark area to provide an image with greater depth. Even very bright or dark scenes in movies are dynamically displayed.

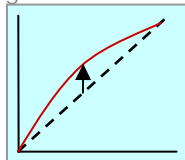


Conventional

White & Black correction



Brightness correction



Fit Engine



Fit ON

To generate attractive images :

Using the dynamic control of tone correction , black & white stretch in the reflection of extracted features.

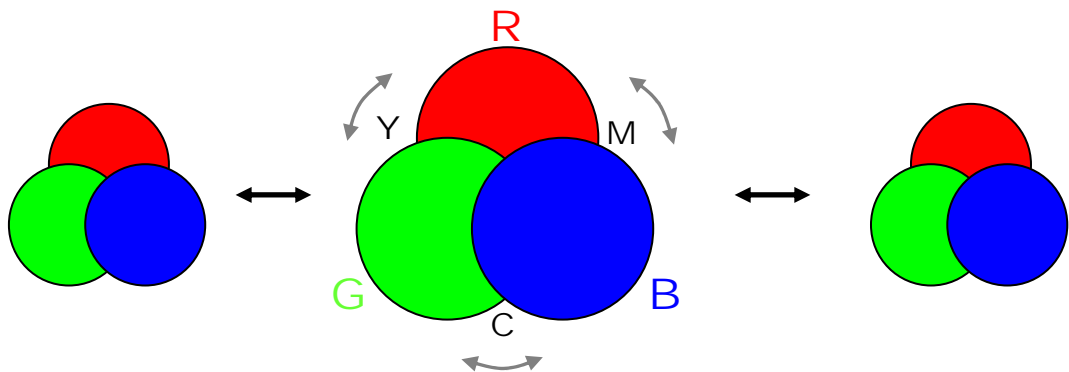
# 3D Advanced color Management

## ❖ GCR (Genuine Color Realization)

Fit engine provides a powerful 3D color management function for precise color rendering .

GCR can provide you to get perfect color matches and generate the color space of high fidelity as customers like.

GCR adjusts Hue and saturation of six element colors for every brightness level. (R,G,B,C,M,Y)



## ❖ FCE (Favorite Color Emphasis)

Fit engine with FCE enables the system to wrap the arbitrary colors to any favorite color per the customer preferences.

Fit engine provides brilliant color images. It reproduces beautiful whites, deep blue skies, or shows the grass a livelier shade of green.



Conventional



GCR



FCE