



MACNICA

Transition Effects

marBO
PictImpact

Embedded middleware for still image slideshows

Artistic Filters

Brightness Control
Functions

MARBO PictImpact is an embedded middleware application for still image slideshows. It sets itself apart from other middleware that simply switches between photos with functionality and has functions such as oil painting, colored pencil, and other artistic effects, which are extremely unique for an embedded application.

- **Combine a wide range of effects to create appealing slideshow applications**
 - "Transition Effects": Variety of effects for image transition:
 - "Color Effects": Wide range of color adjustment effects:
 - "Artistic Filters": Unique filtering effects:
- **Create JPEG slideshow functionality supporting MP3 background music***
- **Supported processors**
 - ADI Blackfin® processor supported. (Please contact us about support for other processors)

*This product does not include MP3 or JPEG decoders. They must be obtained separately.

Color Effects






Functionality	Function	Overview	Effects included
	Transition Effects	Applies effects on image transition	Venetian Blinds, Barn Doors, Slide Wipe, Radial Wipe, Box Wipe, Pixelate, Bar Wipe, Iris, Blend
	Color Effects and Brightness Control Functions	Applies color adjustment effects to the image	Sepia Tone, Gray Scale, Blue Tone, Orange Tone, Green Tone, Aqua Tone, Positive/Negative
	Artistic Filters	Applies artistic effects to the image	Oil Painting Effect, Color Pencil Painting Effect



Applications	Supports a wide range of products that handle still images
● PC peripherals	Digital Photo Frame
● Mobile audio-visual products	DSC, photo viewers, personal media players (PMP), mobile music players, and more
● Consumer electronics	Digital TVs, DVR, DVD recorders
● In-vehicle	Car audiovisual systems, car navigation systems

Example functions



- Wide range of image-transition effects
An example of Transition Effects (Fade)


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- Apply a variety of color adjustment and filtering effects to still images
An example of Color Effects (Sepia Tone)


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- An example of Artistic Filters (Color Pencil Painting)


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